



Cisco Nexus 7000 Series NX-OS System Messages

Revised: July 12, 2019

Overview of System Messages

Use this document together with the tools and utilities that are available on Cisco.com on this page:

<http://www.cisco.com/c/en/us/support/index.html>

- Cisco Technical Assistance Center (TAC): <https://mycase.cloudapps.cisco.com/case>
- Bug Search Tool link: <https://bst.cloudapps.cisco.com/bugsearch/>

Note: When contacting TAC, please have available the nonzipped, plain-text (.txt) output of the show logging and show tech-support commands, as well as any pertinent troubleshooting logs.

System messages can be grouped into these categories:

- System Event Messages—Describe the system and error messages that are generated for events related to the Cisco platform, and its hardware and software components.
- DOCSIS Event Messages—Describe the error messages for events as required by the DOCSIS specifications.
- Video/QAM Event Messages—Describe the error messages for events as required by the Video specifications.

System error messages begin with a percent sign (%) and are structured as follows:

`%FACILITY-SUBFACILITY-SEVERITY-MNEMONIC: Message-text`

System error messages contain the following components:

- FACILITY is a code indicating the platform or other component that is generating the message.
- SEVERITY is a number that reflects the significance of the error message. All error messages have a Cisco severity number that ranges from 0 to 7. DOCSIS-related events also contain a DOCSIS severity level that ranges from 129 to 136. The lower the number, the more serious the situation. This table describes the possible severity levels and their meanings.

Cisco Level	DOCSIS	Class	Description
0	129	Emergency	The system has become unusable and requires immediate attention. This problem might also be affecting other parts of the network.
1	130	Alert	Some type of system or connection failure has occurred and requires immediate attention.
2	131	Critical	An error occurred that requires immediate attention to avoid system or connection failure.

Cisco Level	DOCSIS	Class	Description
3	132	Error	An error condition occurred that requires attention to resolve. Failure to address this problem will result in some type of system or connection failure in the near future.
4	133	Warning	A condition occurred that indicates attention is needed in near future to avoid potential problems. Failure to address this problem could result in some type of system or connection failure later on.
5	134	Notice	A situation occurred that is normal but is significant enough that system administrators might want to notice.
6	135	Informational	An information message that might or might not be significant to the system administrators.
7	136	Debug	Messages that appear only while debugging is turned on.

- MNEMONIC is a string that uniquely identifies the error message. Error messages are usually organized and referred to by their mnemonic value.
- The Message-text is a string that provides details about the particular error. This string can include specifics about cable interface, IP or MAC addresses, and other information. In this document, the specific information is presented by variable fields that are indicated by square brackets ([]). A decimal number, for example, is represented as [dec].

System Messages Description

Table of Contents

Messages and Recovery Procedures	48
1 Messages.....	48
• 1-2.....	48
• 1-3.....	48
• 1-5.....	49
AAA Messages.....	49
• AAA-1	49
• AAA-2	49
• AAA-3	49
• AAA-6	50
• AAA-7	50
AAM Messages.....	50
• AAM-2	50

• AAM-3	50
ACLLOG Messages	51
• ACLLOG-4	51
• ACLLOG-6	51
ACLMGR Messages	51
• ACLMGR-2	51
• ACLMGR-3	53
• ACLMGR-4	56
• ACLMGR-6	57
ACLQOS Messages	58
• ACLQOS-SLOT#-2	58
• ACLQOS-SLOT#-3	59
• ACLQOS-SLOT#-4	60
• ACLQOS-SLOT#-5	62
ACL Messages	62
• ACL-2	62
• ACL-3	64
• ACL-4	64
• ACL-5	64
• ACL-6	64
ADBM Messages	66
• ADBM-3	66
• ADBM-5	66
AGNI-DPP Messages	66
• AGNI-DPP-2	66
• AGNI-DPP-6	67
AGNIL2F Messages	67
• AGNIL2F-6	67
ALDRIN Messages	67

• ALDRIN-6	67
ALI_LC Messages.....	68
• ALI_LC-2.....	68
AMM Messages	68
• AMM-SLOT#-0.....	68
• AMM-SLOT#-2.....	69
• AMM-SLOT#-6.....	69
APP EMULATOR Messages.....	69
• APP EMULATOR-SLOT#-5	69
ARBITER Messages.....	70
• ARBITER-2	70
ASHBURTON_USD Messages.....	70
• ASHBURTON_USD-2	70
• ASHBURTON_USD-3	71
ASSOC_MGR Messages.....	71
• ASSOC_MGR-0.....	71
• ASSOC_MGR-1	71
• ASSOC_MGR-2	71
• ASSOC_MGR-3	72
• ASSOC_MGR-4	73
• ASSOC_MGR-5	74
• ASSOC_MGR-6	74
• ASSOC_MGR-7	75
ATLANTIS_APP Messages.....	75
• ATLANTIS_APP-SLOT#-2.....	76
AZUMA Messages.....	76
• AZUMA-2	76
• AZUMA-6	76
BET Messages.....	76

• BET-6.....	76
BIOS_DAEMON Messages.....	76
• BIOS_DAEMON-2.....	76
• BIOS_DAEMON-5.....	77
• BIOS_DAEMON-SLOT#-2.....	77
• BIOS_DAEMON-SLOT#-5.....	77
BOOTVAR Messages.....	78
• BOOTVAR-1.....	78
• BOOTVAR-2.....	78
• BOOTVAR-3.....	81
• BOOTVAR-5.....	82
• BOOTVAR-6.....	83
CALLHOME Messages.....	83
• CALLHOME-2.....	83
• CALLHOME-3.....	83
• CALLHOME-6.....	84
CARDCLIENT Messages.....	85
• CARDCLIENT-2.....	85
• CARDCLIENT-3.....	85
• CARDCLIENT-SLOT#-2.....	86
CDP Messages.....	86
• CDP-2.....	86
• CDP-3.....	86
• CDP-4.....	87
• CDP-5.....	88
• CDP-6.....	88
CERT_ENROLL Messages.....	89
• CERT_ENROLL-2.....	89
• CERT_ENROLL-3.....	89

• CERT_ENROLL-6.....	90
CFGD Messages	91
• CFGD-SLOT#-2.....	91
CFS Messages	91
• CFS-2	91
• CFS-3	92
• CFS-6	93
CLIS Messages	93
• CLIS-6.....	93
CLK_MGR Messages	94
• CLK_MGR-2	94
• CLK_MGR-5	94
• CLK_MGR-6	94
CLOUD Messages	95
• CLOUD-2	95
• CLOUD-3	95
• CLOUD-6	96
CLP_FWD Messages	96
• CLP_FWD-6	96
CLP_L3 Messages	96
• CLP_L3-6.....	96
CLP_MAC Messages.....	96
• CLP_MAC-2	97
• CLP_MAC-7	97
CLP_XBAR Messages	97
• CLP_XBAR-2.....	97
• CLP_XBAR-6.....	97
CLUSTER_TEST_APP Messages	97
• CLUSTER_TEST_APP-5	97

CLUSTER Messages	98
• CLUSTER-2.....	98
• CLUSTER-5.....	100
CMOND Messages.....	103
• CMOND-2	103
CMPPROXY Messages.....	103
• CMPPROXY-2	103
• CMPPROXY-5	104
• CMPPROXY-6	104
COPP Messages.....	104
• COPP-1	104
• COPP-2	105
• COPP-3	107
• COPP-4	108
• COPP-5	108
• COPP-6	109
• COPP-7	110
CORE-DMON Messages.....	110
• CORE-DMON-2	110
• CORE-DMON-3	111
CREDITMON Messages.....	111
• CREDITMON-SLOT#-2	111
• CREDITMON-SLOT#-4	111
CTSDEV_USD Messages.....	111
• CTSDEV_USD-3	111
DCEFIB Messages	112
• DCEFIB-SLOT#-0.....	112
• DCEFIB-SLOT#-2.....	112
• DCEFIB-SLOT#-6.....	112

DCX_TEST Messages.....	113
• DCX_TEST-6.....	113
DEBUGPROXY Messages	114
• DEBUGPROXY-6.....	114
DEV CTSDEV_USD Messages.....	114
• DEV CTSDEV_USD-2	114
• DEV CTSDEV_USD-3	119
• DEV CTSDEV_USD-4	123
• DEV CTSDEV_USD-5	125
• DEV CTSDEV_USD-6	127
• DEV CTSDEV_USD-7	128
DEVICE-ALIAS Messages.....	129
• DEVICE-ALIAS-2	129
• DEVICE-ALIAS-3	129
• DEVICE-ALIAS-6	132
DEVICE_TEST Messages	134
• DEVICE_TEST-2.....	135
• DEVICE_TEST-3.....	139
• DEVICE_TEST-4.....	140
• DEVICE_TEST-5.....	140
• DEVICE_TEST-6.....	141
DEV_LOG_SUP Messages	141
• DEV_LOG_SUP-3.....	141
DEV_LOG Messages.....	141
• DEV_LOG-3.....	141
• DEV_LOG-SLOT#-4	142
DFTM Messages.....	142
• DFTM-SLOT#-2.....	142
• DFTM-SLOT#-3.....	143

DHCP_SNOOP Messages	144
• DHCP_SNOOP-2	144
• DHCP_SNOOP-3	146
• DHCP_SNOOP-4	149
• DHCP_SNOOP-5	150
• DHCP_SNOOP-6	151
DIAGCLIENT Messages	153
• DIAGCLIENT-2	153
• DIAGCLIENT-3	154
• DIAGCLIENT-4	154
• DIAGCLIENT-5	155
DIAGMGR Messages	156
• DIAGMGR-2	156
• DIAGMGR-3	156
• DIAGMGR-4	157
• DIAGMGR-5	157
• DIAGMGR-6	159
DIAG_PORT_LB Messages	159
• DIAG_PORT_LB-2	159
• DIAG_PORT_LB-3	161
• DIAG_PORT_LB-4	164
• DIAG_PORT_LB-5	164
DMM Messages	164
• DMM-SLOT#-2	164
• DMM-SLOT#-5	165
DOT1X Messages	167
• DOT1X-2	167
• DOT1X-3	167
• DOT1X-4	170

• DOT1X-5	172
• DOT1X-6	174
DPP_DEBUG Messages	175
• DPP_DEBUG-2	175
DPVM Messages	175
• DPVM-2	175
• DPVM-3	175
• DPVM-4	176
• DPVM-6	176
DSTATS Messages	177
• DSTATS-2	177
• DSTATS-3	177
DT_HELPER Messages	179
• DT_HELPER-2	179
EDC_USD Messages	179
• EDC_USD-3	179
EEM_ACTION Messages	179
• EEM_ACTION-0	179
• EEM_ACTION-1	179
• EEM_ACTION-2	179
• EEM_ACTION-3	180
• EEM_ACTION-4	180
• EEM_ACTION-5	180
• EEM_ACTION-6	180
• EEM_ACTION-7	180
ELE_ACLQOS Messages	181
• ELE_ACLQOS-6	181
ELE_MAC Messages	181
• ELE_MAC-6	181

ELE_MISC Messages.....	181
• ELE_MISC-6	181
ELE_PHY Messages.....	181
• ELE_PHY-6	181
ELTMC Messages.....	182
• ELTMC-2	182
ELTM Messages.....	186
• ELTM-2	186
• ELTM-3	187
• ELTM-5	188
• ELTM-6	188
ENERGYWISE Messages.....	188
• ENERGYWISE-3	188
• ENERGYWISE-5	189
EOU Messages.....	189
• EOU-2	189
• EOU-5	189
• EOU-6	190
• EOU-7	191
EPLD_AUTO Messages.....	192
• EPLD_AUTO-2	192
EPLD_UPGRADE Messages.....	192
• EPLD_UPGRADE-2.....	192
EPP Messages.....	193
• EPP-5	193
ETH-QOS Messages.....	193
• ETH-QOS-2	193
• ETH-QOS-3	195
• ETH-QOS-4	195

• ETH-QOS-6	196
ETH_PORT_SEC Messages	196
• ETH_PORT_SEC-2	196
• ETH_PORT_SEC-3	197
• ETH_PORT_SEC-5	199
EUREKA_USD Messages	201
• EUREKA_USD-3	201
EVMC Messages	201
• EVMC-3	201
• EVMC-4	201
• EVMC-5	202
EVMED Messages	202
• EVMED-2	202
• EVMED-5	202
EVMS Messages	203
• EVMS-2	203
• EVMS-4	203
• EVMS-6	204
EXAMPLE_TEST Messages	204
• EXAMPLE_TEST-5	204
EXCEPTIONLOG Messages	204
• EXCEPTIONLOG-SLOT#-2	204
EX_SYSLOG Messages	204
• EX_SYSLOG-0	204
• EX_SYSLOG-1	205
• EX_SYSLOG-2	205
• EX_SYSLOG-3	205
• EX_SYSLOG-4	205
• EX_SYSLOG-5	205

• EX_SYSLOG-6	205
• EX_SYSLOG-7	206
F16_CMN_USD Messages.....	206
• F16_CMN_USD-6	206
F16_FWD_USD Messages.....	206
• F16_FWD_USD-2	206
• F16_FWD_USD-6	206
F16_MAC_USD Messages.....	207
• F16_MAC_USD-3	207
• F16_MAC_USD-4	207
• F16_MAC_USD-6	207
F16_QUE_USD Messages.....	207
• F16_QUE_USD-6	207
F16_XBAR_USD Messages	207
• F16_XBAR_USD-6.....	207
F32FWD_USD Messages	208
• F32FWD_USD-2.....	208
• F32FWD_USD-6.....	208
F32MAC Messages.....	208
• F32MAC-2	208
• F32MAC-3	208
• F32MAC-4	209
• F32MAC-6	209
F32QUE_USD Messages	209
• F32QUE_USD-3	209
• F32QUE_USD-6	210
F32XBAR_USD Messages.....	210
• F32XBAR_USD-2	210
• F32XBAR_USD-6	210

FABRIC-ACCESS Messages.....	210
• FABRIC-ACCESS-2	211
• FABRIC-ACCESS-3	212
• FABRIC-ACCESS-5	212
FABRICPATH Messages.....	212
• FABRICPATH-2	212
• FABRICPATH-4	213
• FABRICPATH-5	214
• FABRICPATH-6	214
FALCON Messages.....	215
• FALCON-SLOT#-2.....	215
FC-REDIRECT Messages	215
• FC-REDIRECT-2	215
• FC-REDIRECT-3	221
• FC-REDIRECT-5	230
FC-TUNNEL Messages	234
• FC-TUNNEL-3.....	234
• FC-TUNNEL-5.....	236
FCC Messages.....	236
• FCC-2	236
• FCC-5	236
• FCC-6	237
FCDDH Messages	237
• FCDDH-SLOT#-3.....	237
• FCDDH-SLOT#-4	238
• FCDDH-SLOT#-5.....	238
FCDD Messages	238
• FCDD-SLOT#-3.....	238
• FCDD-SLOT#-4.....	238

• FCDD-SLOT#-5	238
• FCDD-SLOT#-7	239
FCDOMAIN Messages	239
• FCDOMAIN-2	239
• FCDOMAIN-3	242
• FCDOMAIN-4	244
• FCDOMAIN-5	245
• FCDOMAIN-6	246
• FCDOMAIN-7	252
FCD Messages	254
• FCD-7	254
FCNS Messages	254
• FCNS-2.....	254
• FCNS-3.....	257
• FCNS-4.....	258
• FCNS-6.....	258
FCOE_MGR Messages	258
• FCOE_MGR-2	258
• FCOE_MGR-3	260
• FCOE_MGR-4	261
• FCOE_MGR-5	262
• FCOE_MGR-6	263
• FCOE_MGR-7	264
FCSP-MGR Messages.....	264
• FCSP-MGR-2.....	265
• FCSP-MGR-3.....	266
• FCSP-MGR-4.....	267
• FCSP-MGR-6.....	267
• FCSP-MGR-7.....	267

FCS Messages	267
• FCS-2	267
• FCS-3	268
• FCS-5	270
• FCS-6	270
FC_MGR IPFC Messages.....	271
• FC_MGR IPFC-1	271
• FC_MGR IPFC-2	271
• FC_MGR IPFC-3	271
• FC_MGR IPFC-4	274
• FC_MGR IPFC-6	275
FDMI Messages.....	276
• FDMI-2	276
• FDMI-3	277
• FDMI-4	278
• FDMI-6	279
FEATURE-MGR Messages.....	279
• FEATURE-MGR-2	279
• FEATURE-MGR-6	282
FEX Messages.....	283
• FEX-2	283
• FEX-4	284
• FEX-5	284
FIB FCOEFIB Messages.....	285
• FIB FCOEFIB-5	285
FIB Messages	285
• FIB-SLOT#-0.....	285
• FIB-SLOT#-1	285
• FIB-SLOT#-2.....	286

• FIB-SLOT#-3.....	286
• FIB-SLOT#-4.....	287
• FIB-SLOT#-6.....	287
FICON Messages.....	287
• FICON-2.....	287
• FICON-3.....	288
• FICON-5.....	291
• FICON-6.....	292
FIPS Messages.....	293
• FIPS-0.....	293
• FIPS-6.....	293
FLN_EM Messages.....	293
• FLN_EM-2.....	293
• FLN_EM-4.....	294
• FLN_EM-6.....	294
FLN_FCP Messages.....	294
• FLN_FCP-6.....	294
FLN_FWD_USD Messages.....	294
• FLN_FWD_USD-2.....	294
• FLN_FWD_USD-6.....	294
FLN_L3 Messages.....	295
• FLN_L3-6.....	295
FLN_QUE Messages.....	295
• FLN_QUE-6.....	295
FLN_XBAR Messages.....	295
• FLN_XBAR-2.....	295
• FLN_XBAR-6.....	295
FLOGI Messages.....	295
• FLOGI-1.....	296

• FLOGI-2.....	296
• FLOGI-3.....	297
• FLOGI-4.....	298
• FLOGI-5.....	298
FMD Messages	299
• FMD-3.....	299
FPOAM Messages.....	299
• FPOAM-4	299
FSCM Messages.....	301
• FSCM-2	301
FSM UTILS Messages.....	301
• FSM UTILS-5.....	301
FSPF Messages	302
• FSPF-2.....	302
• FSPF-3.....	302
• FSPF-4.....	304
• FSPF-5.....	305
• FSPF-6.....	305
• FSPF-7.....	307
FVP Messages.....	307
• FVP-2.....	307
• FVP-3.....	307
• FVP-4.....	308
• FVP-6.....	309
FWD_STATS_CLIENT Messages	310
• FWD_STATS_CLIENT-2.....	310
• FWD_STATS_CLIENT-3.....	310
• FWD_STATS_CLIENT-6.....	311
FW_APP Messages.....	311

• FW_APP-2	311
• FW_APP-6	311
GARUDA_USD Messages	312
• GARUDA_USD-6	312
GISCM Messages	312
• GISCM-2	312
• GISCM-5	312
GLBP Messages	312
• GLBP-2	312
• GLBP-3	313
• GLBP-4	314
• GLBP-5	316
G_DNLD IMAGE_DNLD Messages	318
• G_DNLD IMAGE_DNLD-1	318
• G_DNLD IMAGE_DNLD-3	319
• G_DNLD IMAGE_DNLD-5	319
HSRP_ENGINE Messages	320
• HSRP_ENGINE-3	320
• HSRP_ENGINE-4	324
• HSRP_ENGINE-5	327
• HSRP_ENGINE-6	328
IDEHSD Messages	329
• IDEHSD-1	329
• IDEHSD-2	329
• IDEHSD-3	330
• IDEHSD-5	331
• IDEHSD-6	331
• IDEHSD-7	331
IFTMC Messages	332

• IFTMC-SLOT#-1.....	332
• IFTMC-SLOT#-2.....	332
• IFTMC-SLOT#-3.....	336
IKE Messages	337
• IKE-3.....	337
• IKE-4.....	339
• IKE-6.....	340
ILC SERVICE MANAGER Messages.....	340
• ILC SERVICE MANAGER-6	340
• ILC SERVICE MANAGER-SLOT#-2.....	340
ILC_HELPER Messages.....	341
• ILC_HELPER-2	341
• ILC_HELPER-3	342
• ILC_HELPER-4	342
• ILC_HELPER-6	342
• ILC_HELPER-7	343
IMAGE_DNLD Messages.....	343
• IMAGE_DNLD-SLOT#-2	343
• IMAGE_DNLD-SLOT#-4	344
• IMAGE_DNLD-SLOT#-5	344
IMAGE_UPGRADE Messages.....	344
• IMAGE_UPGRADE-SLOT#-2	344
• IMAGE_UPGRADE-SLOT#-4	345
INSTALLER Messages	345
• INSTALLER-1.....	345
• INSTALLER-3.....	345
• INSTALLER-5.....	345
INTERFACE-VLAN Messages	346
• INTERFACE-VLAN-5.....	346

INTERFACE_VLAN Messages	346
• INTERFACE_VLAN-2	346
• INTERFACE_VLAN-4	347
• INTERFACE_VLAN-5	347
IOA Messages	350
• IOA-5	350
IPACL Messages.....	350
• IPACL-0	350
• IPACL-1	351
• IPACL-2	351
• IPACL-3	351
• IPACL-4	351
• IPACL-5	351
• IPACL-6	352
IPCONF Messages	352
• IPCONF-1	352
• IPCONF-2	352
• IPCONF-3	352
• IPCONF-4	353
• IPCONF-6	353
IPFC Messages	354
• IPFC-2	354
• IPFC-3	354
• IPFC-5	354
• IPFC-6	355
IPFIB Messages.....	355
• IPFIB-SLOT#-2	355
• IPFIB-SLOT#-3	356
• IPFIB-SLOT#-4	357

IPSEC Messages.....	363
• IPSEC-2	363
• IPSEC-3	364
• IPSEC-4	365
• IPSEC-5	365
• IPSEC-6	368
• IPSEC-7	368
IPS_SB_MGR Messages.....	369
• IPS_SB_MGR-SLOT#-2.....	369
• IPS_SB_MGR-SLOT#-3.....	370
• IPS_SB_MGR-SLOT#-6.....	371
IPS Messages.....	371
• IPS-2	371
• IPS-3	371
• IPS-4	377
• IPS-5	378
• IPS-6	386
• IPS-7	387
ISAPI Messages	388
• ISAPI-SLOT#-0.....	388
• ISAPI-SLOT#-1	389
• ISAPI-SLOT#-2.....	390
• ISAPI-SLOT#-3.....	390
• ISAPI-SLOT#-4.....	391
• ISAPI-SLOT#-5.....	392
• ISAPI-SLOT#-6.....	392
• ISAPI-SLOT#-7	393
ISNS Messages.....	394
• ISNS-2	394

IVR Messages.....	394
• IVR-2	394
• IVR-3	401
• IVR-4	416
• IVR-5	420
• IVR-6	426
• IVR-7	428
L2FMC Messages.....	429
• L2FMC-SLOT#-0	429
• L2FMC-SLOT#-2	429
• L2FMC-SLOT#-5	429
• L2FMC-SLOT#-6	430
L2FM Messages.....	430
• L2FM-0	431
• L2FM-1	431
• L2FM-2	433
• L2FM-4	435
• L2FM-5	436
• L2FM-6	437
L2MCAST Messages	437
• L2MCAST-SLOT#-0	437
• L2MCAST-SLOT#-2	438
• L2MCAST-SLOT#-3	438
• L2MCAST-SLOT#-6	439
L2PT Messages	440
• L2PT-2.....	440
• L2PT-5.....	440
• L2PT-6.....	440
L3VM Messages	440

• L3VM-2.....	440
• L3VM-5.....	441
LC-QOS Messages.....	441
• LC-QOS-3.....	441
LC_CFG Messages.....	442
• LC_CFG-SLOT#-2.....	442
LC_MNT_MGR Messages.....	442
• LC_MNT_MGR-SLOT#-2.....	442
LC_PORT_CHANNEL Messages.....	442
• LC_PORT_CHANNEL-1.....	442
• LC_PORT_CHANNEL-3.....	443
• LC_PORT_CHANNEL-SLOT#-0.....	443
• LC_PORT_CHANNEL-SLOT#-3.....	443
LC_RDL Messages.....	444
• LC_RDL-3.....	444
• LC_RDL-6.....	444
LDAP Messages.....	445
• LDAP-2.....	445
• LDAP-3.....	445
• LDAP-5.....	445
• LDAP-6.....	446
LDP Messages.....	446
• LDP-5.....	446
LED_MGR Messages.....	446
• LED_MGR-SLOT#-3.....	446
LIBBASE_SVC Messages.....	447
• LIBBASE_SVC-2.....	447
• LIBBASE_SVC-3.....	449
• LIBBASE_SVC-4.....	450

• LIBBASE_SVC-5.....	450
• LIBBASE_SVC-6.....	452
• LIBBASE_SVC-7.....	452
LIBBOOTVAR Messages.....	453
• LIBBOOTVAR-3.....	453
• LIBBOOTVAR-6.....	453
LIBDCDI Messages.....	454
• LIBDCDI-2.....	454
LIBIFMGR Messages.....	454
• LIBIFMGR-5.....	454
LIBOSC Messages.....	454
• LIBOSC-2.....	454
LIBSDWRAP Messages.....	455
• LIBSDWRAP-5.....	455
LIBSYSMGR Messages.....	455
• LIBSYSMGR-2.....	455
• LIBSYSMGR-3.....	456
• LIBSYSMGR-4.....	459
• LIBSYSMGR-5.....	459
• LIBSYSMGR-6.....	459
• LIBSYSMGR-7.....	460
LICMGR Messages.....	460
• LICMGR-0.....	460
• LICMGR-1.....	461
• LICMGR-2.....	462
• LICMGR-3.....	467
• LICMGR-4.....	470
• LICMGR-6.....	471
LIM Messages.....	472

• LIM-2.....	472
• LIM-3.....	473
• LIM-4.....	474
• LIM-5.....	475
LIT Messages	485
• LIT-6.....	485
LLDP Messages	485
• LLDP-1.....	485
• LLDP-3.....	485
• LLDP-5.....	486
• LLDP-6.....	487
M2FIB Messages	487
• M2FIB-SLOT#-0.....	487
• M2FIB-SLOT#-2.....	487
• M2FIB-SLOT#-6.....	488
M2RIB Messages.....	488
• M2RIB-0	489
• M2RIB-2	489
• M2RIB-3	490
• M2RIB-6	490
MCAST Messages.....	490
• MCAST-2	490
• MCAST-4	491
• MCAST-5	491
MCECTEST Messages.....	491
• MCECTEST-3	491
• MCECTEST-5	492
• MCECTEST-6	492
MCM Messages	492

System Messages Description

• MCM-2	492
• MCM-5	493
• MCM-6	493
METROPOLIS_USD Messages	493
• METROPOLIS_USD-3	493
MFDM Messages	493
• MFDM-2	494
MKA Messages	495
• MKA-2.....	495
• MKA-3.....	497
• MKA-4.....	498
• MKA-5.....	499
• MKA-6.....	499
MODULE Messages	501
• MODULE-2.....	501
• MODULE-3.....	505
• MODULE-4.....	505
• MODULE-5.....	506
• MODULE-6.....	507
MONITOR Messages.....	507
• MONITOR-3.....	507
• MONITOR-5.....	508
MPLSFWD Messages	509
• MPLSFWD-3.....	509
MPLS_OAM Messages.....	509
• MPLS_OAM-5.....	509
MPLS_TE Messages	510
• MPLS_TE-5	510
MTM Messages.....	512

• MTM-SLOT#-0	512
• MTM-SLOT#-1	512
• MTM-SLOT#-2	512
• MTM-SLOT#-4	515
• MTM-SLOT#-5	516
• MTM-SLOT#-6	517
MTSD Messages.....	518
• MTSD-2	518
MTS Messages.....	518
• MTS-4.....	518
MVDXN Messages.....	519
• MVDXN-0	519
• MVDXN-1	519
• MVDXN-2	519
• MVDXN-3	519
• MVDXN-4	519
• MVDXN-5	520
• MVDXN-6	520
MVRP Messages.....	520
• MVRP-0	520
• MVRP-1	520
• MVRP-2	520
• MVRP-3	520
• MVRP-4	521
• MVRP-5	522
• MVRP-6	522
• MVRP-7	522
NAXOS_USD Messages.....	522
• NAXOS_USD-2.....	522

• NAXOS_USD-3	522
NCPMGR Messages	523
• NCPMGR-6	523
NFM Messages	523
• NFM-2	523
• NFM-3	524
• NFM-4	525
• NFM-5	526
• NFM-6	526
• NFM-7	527
NFP Messages	527
• NFP-SLOT#-2	527
• NFP-SLOT#-5	528
NLP1042 Messages	528
• NLP1042-6	529
NPC Messages	529
• NPC-SLOT#-3	529
• NPC-SLOT#-4	529
• NPC-SLOT#-5	529
NPV Messages	530
• NPV-2	530
• NPV-3	530
• NPV-4	533
• NPV-5	534
• NPV-6	535
• NPV-7	538
NTP Messages	538
• NTP-2	538
• NTP-3	538

• NTP-5	539
• NTP-6	539
NVP Messages	540
• NVP-6	540
• NVP-SLOT#-2.....	540
OBFL Messages.....	540
• OBFL-3	540
OC_USD Messages	540
• OC_USD-2.....	540
ORI_FWD Messages	541
• ORI_FWD-2	541
• ORI_FWD-6	541
ORI_MAC Messages	541
• ORI_MAC-2	541
• ORI_MAC-6	541
ORI_XBAR_USD Messages	541
• ORI_XBAR_USD-2	541
• ORI_XBAR_USD-4	542
• ORI_XBAR_USD-6	542
OTM Messages.....	542
• OTM-2	542
• OTM-3	542
• OTM-5	543
• OTM-6	543
PATCH-INSTALLER Messages.....	544
• PATCH-INSTALLER-2	544
• PATCH-INSTALLER-3	544
• PATCH-INSTALLER-6	545
PFSTAT Messages	546

• PFSTAT-3	546
PHY_USD Messages.....	546
• PHY_USD-SLOT#-4	546
PIXM Messages.....	546
• PIXM-2.....	546
• PIXM-3.....	546
• PIXM-4.....	547
• PIXM-7	547
PLATFORM Messages.....	547
• PLATFORM-0	547
• PLATFORM-1	559
• PLATFORM-2	562
• PLATFORM-3	612
• PLATFORM-4	618
• PLATFORM-5	621
• PLATFORM-6	627
• PLATFORM-7	628
PLBM Messages	628
• PLBM-2.....	628
• PLBM-3.....	630
• PLBM-4.....	631
• PLBM-5.....	632
PLOG_SUP Messages.....	633
• PLOG_SUP-4	633
PLOG Messages	633
• PLOG-4.....	633
PLTFM_CONFIG Messages.....	634
• PLTFM_CONFIG-1	634
• PLTFM_CONFIG-2	634

• PLTFM_CONFIG-3	634
• PLTFM_CONFIG-4	635
• PLTFM_CONFIG-5	636
• PLTFM_CONFIG-6	636
• PLTFM_CONFIG-7	637
PLUGIN Messages.....	637
• PLUGIN-2	637
• PLUGIN-3.....	638
PMON Messages	639
• PMON-2	639
• PMON-3	639
• PMON-4	640
• PMON-5	640
• PMON-6	640
POAP Messages	640
• POAP-2	640
• POAP-5	642
PONG Messages.....	642
• PONG-2.....	642
• PONG-3.....	642
• PONG-4.....	643
• PONG-5.....	643
• PONG-6.....	643
• PONG-7.....	643
PORT-PROFILE Messages	644
• PORT-PROFILE-2.....	644
• PORT-PROFILE-3.....	644
• PORT-PROFILE-4.....	646
• PORT-PROFILE-6.....	646

PORT-SECURITY Messages	647
• PORT-SECURITY-2.....	647
• PORT-SECURITY-3.....	648
• PORT-SECURITY-4.....	651
• PORT-SECURITY-6.....	651
• PORT-SECURITY-7.....	652
PREFPATH Messages	652
• PREFPATH-1	652
• PREFPATH-2	652
• PREFPATH-3	653
• PREFPATH-4	654
• PREFPATH-6	654
PRIVATE_VLAN Messages	655
• PRIVATE_VLAN-2.....	655
• PRIVATE_VLAN-3.....	656
• PRIVATE_VLAN-5.....	656
PROC_MGR Messages.....	657
• PROC_MGR-SLOT#-2	657
• PROC_MGR-SLOT#-3	660
• PROC_MGR-SLOT#-4	660
• PROC_MGR-SLOT#-6	660
PROFILER Messages.....	660
• PROFILER-0.....	660
• PROFILER-1	661
• PROFILER-2.....	661
• PROFILER-3.....	661
• PROFILER-4.....	662
• PROFILER-5.....	662
• PROFILER-6.....	662

• PROFILER-7	662
PSSHHELPER Messages.....	662
• PSSHELPER-2	662
• PSSHELPER-3	663
• PSSHELPER-7	663
PSS Messages	663
• PSS-0.....	663
• PSS-1.....	664
• PSS-2.....	665
• PSS-4.....	666
• PSS-5.....	666
PTPLC Messages	667
• PTPLC-3.....	667
PTP Messages.....	667
• PTP-5.....	667
• PTP-6.....	668
PULSE Messages.....	669
• PULSE-0	669
• PULSE-1	670
• PULSE-2.....	670
• PULSE-3.....	671
• PULSE-4.....	671
• PULSE-5.....	671
• PULSE-6.....	671
• PULSE-7	671
QD Messages	672
• QD-3	672
QOS Messages	672
• QOS-2.....	672

System Messages Description

• QOS-3.....	673
• QOS-4.....	675
• QOS-6.....	675
• QOS-7.....	677
QUACK_SMC Messages.....	677
• QUACK_SMC-6	677
R2D2_USD Messages	677
• R2D2_USD-2.....	678
• R2D2_USD-3.....	678
• R2D2_USD-4.....	678
• R2D2_USD-6.....	678
RADIUS Messages	678
• RADIUS-2.....	678
• RADIUS-3.....	679
• RADIUS-4.....	679
• RADIUS-5.....	679
• RADIUS-6.....	680
RDL Messages	680
• RDL-2.....	680
• RDL-3.....	680
• RDL-6.....	681
RES_MGR Messages	682
• RES_MGR-1	682
• RES_MGR-2	682
• RES_MGR-3	683
• RES_MGR-4	684
• RES_MGR-5	685
• RES_MGR-6	685
RIB Messages.....	685

• RIB-0	685
• RIB-1	685
• RIB-2	686
• RIB-3	686
• RIB-4	687
• RIB-5	688
• RIB-6	688
RLIR Messages.....	688
• RLIR-2	688
• RLIR-6	689
RM Messages	689
• RM-6	690
• RM-SLOT#-2.....	690
• RM-SLOT#-4.....	691
RSCN Messages	691
• RSCN-2	691
• RSCN-3	692
• RSCN-4	692
• RSCN-6	693
SABRE_APP Messages	693
• SABRE_APP-SLOT#-2.....	693
SAC_USD Messages	693
• SAC_USD-2	693
• SAC_USD-3	694
• SAC_USD-5	695
• SAC_USD-6	695
SAL Messages	696
• SAL-5.....	696
SANTAP Messages	696

• SANTAP-SLOT#-2.....	696
• SANTAP-SLOT#-4.....	702
• SANTAP-SLOT#-5.....	704
• SANTAP-SLOT#-6.....	704
SAN_EXT_TUNER Messages.....	706
• SAN_EXT_TUNER-3.....	706
SCHEDULER Messages.....	706
• SCHEDULER-2.....	706
• SCHEDULER-3.....	707
• SCHEDULER-4.....	708
• SCHEDULER-6.....	708
SCM Messages.....	708
• SCM-2.....	708
SCSI-TARGET Messages.....	708
• SCSI-TARGET-2.....	708
• SCSI-TARGET-3.....	709
• SCSI-TARGET-7.....	711
SDV Messages.....	711
• SDV-2.....	711
• SDV-3.....	711
• SDV-4.....	715
• SDV-6.....	716
• SDV-7.....	716
SECURITYD Messages.....	716
• SECURITYD-2.....	717
• SECURITYD-3.....	719
• SECURITYD-5.....	719
• SECURITYD-6.....	720
• SECURITYD-7.....	721

SENSOR_USD Messages	721
• SENSOR_USD-2.....	721
• SENSOR_USD-3.....	721
• SENSOR_USD-5.....	722
SENSOR Messages	723
• SENSOR-0	723
• SENSOR-3	723
SESSION-MGR Messages	723
• SESSION-MGR-2	723
• SESSION-MGR-3	723
• SESSION-MGR-4	723
SFC Messages	724
• SFC-3	724
SFM Messages.....	724
• SFM-2	724
• SFM-6.....	724
SFPFPGA_USD Messages.....	724
• SFPFPGA_USD-3.....	724
SIM Messages.....	725
• SIM-2	725
SKT_USD Messages.....	726
• SKT_USD-2	726
• SKT_USD-6	726
SKYLINE_APP Messages.....	726
• SKYLINE_APP-SLOT#-2.....	726
SLA_RESPONDER Messages	727
• SLA_RESPONDER-2.....	727
SLA_SENDER Messages.....	727
• SLA_SENDER-3	727

• SLA_SENDER-4	727
SOTRA_USD Messages	727
• SOTRA_USD-2	728
• SOTRA_USD-3	728
SPAN Messages	728
• SPAN-2.....	728
• SPAN-3.....	728
• SPAN-5.....	728
• SPAN-6.....	729
SRVNAME_FIPSM Messages.....	730
• SRVNAME_FIPSM-5	730
SRVNAME_RTD_MONITOR Messages	730
• SRVNAME_RTD_MONITOR-2.....	730
• SRVNAME_RTD_MONITOR-7	730
STATSCLIENT Messages.....	731
• STATSCLIENT-2	731
• STATSCLIENT-3	731
• STATSCLIENT-6	731
STP Messages	731
• STP-2.....	732
• STP-3.....	739
• STP-4.....	740
• STP-6.....	741
SVC_CLNT Messages	744
• SVC_CLNT-2.....	744
SYSMGR Messages	745
• SYSMGR-0.....	745
• SYSMGR-2.....	746
• SYSMGR-3.....	794

• SYSMGR-4.....	815
• SYSMGR-5.....	820
• SYSMGR-6.....	828
• SYSMGR-7.....	832
SYSTEM HEALTH LC Messages.....	836
• SYSTEM HEALTH LC-2	836
• SYSTEM HEALTH LC-4	837
• SYSTEM HEALTH LC-6	839
SYSTEMHEALTH Messages.....	839
• SYSTEMHEALTH-2	839
• SYSTEMHEALTH-4	845
• SYSTEMHEALTH-5	855
• SYSTEMHEALTH-6	858
TACACS Messages.....	861
• TACACS-2	862
• TACACS-3	862
• TACACS-4	862
• TACACS-5	862
• TACACS-6	863
TBIRD_CMN_USD Messages.....	863
• TBIRD_CMN_USD-6.....	863
TBIRD_FWD_USD Messages.....	863
• TBIRD_FWD_USD-6	863
TBIRD_MAC_USD Messages.....	863
• TBIRD_MAC_USD-3	863
• TBIRD_MAC_USD-4	864
• TBIRD_MAC_USD-6	864
TBIRD_QUE_USD Messages.....	864
• TBIRD_QUE_USD-6	864

TBIRD_XBAR_USD Messages	864
• TBIRD_XBAR_USD-6.....	864
TCAP Messages	864
• TCAP-2.....	864
TLPORT Messages.....	865
• TLPORT-2	865
• TLPORT-3	865
• TLPORT-4	866
• TLPORT-6	866
TPC Messages	867
• TPC-SLOT#-5.....	867
TTYD Messages.....	867
• TTYD-2	868
• TTYD-3	868
• TTYD-6	868
TUNNEL Messages.....	868
• TUNNEL-2.....	868
• TUNNEL-3.....	869
• TUNNEL-4.....	870
• TUNNEL-5.....	870
• TUNNEL-7.....	871
TUSCANY_APP Messages.....	871
• TUSCANY_APP-SLOT#-2.....	871
U2RIB Messages.....	871
• U2RIB-2	871
• U2RIB-3	872
• U2RIB-5	872
• U2RIB-6	873
UC_MGR CMMUC Messages	873

• UC_MGR CMMUC-2.....	873
• UC_MGR CMMUC-3.....	874
• UC_MGR CMMUC-5.....	874
UFDM Messages.....	875
• UFDM-2	875
• UFDM-5	876
USBHSD Messages.....	876
• USBHSD-1	876
• USBHSD-2	876
• USBHSD-3	878
• USBHSD-5	878
• USBHSD-6	878
• USBHSD-7	879
USDBA Messages	879
• USDBA-2.....	879
• USDBA-6.....	879
VAJRA_USD Messages.....	880
• VAJRA_USD-6	880
VAL_USD Messages.....	880
• VAL_USD-6	880
VDC_MGR Messages	880
• VDC_MGR-2.....	880
• VDC_MGR-3.....	881
• VDC_MGR-4.....	882
• VDC_MGR-5.....	882
VEC Messages	884
• VEC-SLOT#-3.....	884
• VEC-SLOT#-4.....	884
• VEC-SLOT#-5.....	884

VEDB_MGR Messages	887
• VEDB_MGR-2	887
• VEDB_MGR-6	888
VES Messages	888
• VES-SLOT#-4	888
• VES-SLOT#-5	888
VFC Messages	889
• VFC-3	889
• VFC-6	890
VIPER_CMN_USD Messages	890
• VIPER_CMN_USD-6	890
VIPER_ICB_USD Messages	890
• VIPER_ICB_USD-2	890
• VIPER_ICB_USD-6	890
VIPER_MAC_USD Messages	890
• VIPER_MAC_USD-4	891
• VIPER_MAC_USD-6	891
VIPER_XBAR_USD Messages	891
• VIPER_XBAR_USD-6	891
VIP_FWD Messages	891
• VIP_FWD-6	891
VIP_ILK Messages	891
• VIP_ILK-6	891
VLAN_MGR Messages	892
• VLAN_MGR-2	892
• VLAN_MGR-3	895
• VLAN_MGR-4	897
• VLAN_MGR-5	898
• VLAN_MGR-6	899

VMIS Messages	901
• VMIS-2.....	901
• VMIS-3.....	902
• VMIS-5.....	902
VMM Messages.....	902
• VMM-2.....	902
VMTRACKER Messages	903
• VMTRACKER-2	903
• VMTRACKER-3	903
• VMTRACKER-4	903
• VMTRACKER-5	904
VNI Messages.....	904
• VNI-2.....	904
• VNI-3.....	905
• VNI-6.....	905
VNTAGC Messages.....	905
• VNTAGC-5.....	905
VPC_CONFIG_SYNC Messages	905
• VPC_CONFIG_SYNC-2	906
• VPC_CONFIG_SYNC-3.....	906
• VPC_CONFIG_SYNC-6.....	906
VPC Messages.....	907
• VPC-2	907
• VPC-3	912
• VPC-4	915
• VPC-5	916
• VPC-6	920
VPM Messages	923
• VPM-2.....	923

System Messages Description

• VPM-3.....	923
• VPM-4.....	924
• VPM-6.....	924
• VPM-SLOT#-2	927
VRRP-CFG Messages.....	927
• VRRP-CFG-2.....	927
• VRRP-CFG-3.....	927
• VRRP-CFG-5.....	928
VRRP-ENG Messages	929
• VRRP-ENG-2.....	929
• VRRP-ENG-3.....	929
• VRRP-ENG-4.....	930
• VRRP-ENG-5.....	931
• VRRP-ENG-6.....	931
VSAN Messages	932
• VSAN-2	932
• VSAN-3	932
• VSAN-6	932
VSC Messages.....	933
• VSC-2	933
• VSC-3	934
• VSC-5.....	934
VSD Messages	934
• VSD-SLOT#-2.....	934
• VSD-SLOT#-6.....	935
VSHA Messages	935
• VSHA-3.....	935
• VSHA-SLOT#-5.....	935
VSHD Messages	936

• VSHD-2.....	936
• VSHD-3.....	937
• VSHD-4.....	940
• VSHD-5.....	942
• VSHD-6.....	948
• VSHD-7.....	948
VTP Messages	949
• VTP-0.....	949
• VTP-1.....	949
• VTP-2.....	949
• VTP-3.....	951
• VTP-4.....	951
• VTP-5.....	953
• VTP-6.....	953
• VTP-7.....	954
WCCP Messages.....	954
• WCCP-1	954
• WCCP-3	955
• WCCP-5	956
X2_USD Messages	956
• X2_USD-2.....	956
• X2_USD-5.....	957
XBAR_CLIENT Messages.....	958
• XBAR_CLIENT-2.....	958
• XBAR_CLIENT-3.....	959
• XBAR_CLIENT-SLOT#-2	959
• XBAR_CLIENT-SLOT#-3	960
XBAR_DRIVER_USD Messages.....	960
• XBAR_DRIVER_USD-2	960

• XBAR_DRIVER_USD-3	961
• XBAR_DRIVER_USD-5	961
• XBAR_DRIVER_USD-6	961
XBAR Messages.....	962
• XBAR-2	962
• XBAR-3	964
• XBAR-4	964
• XBAR-5	964
XCVR_USD Messages.....	969
• XCVR_USD-6	969
XCVR Messages	969
• XCVR-6.....	969
XMLMA Messages.....	969
• XMLMA-2	970
• XMLMA-5	970
• XMLMA-6	970
XMLSA Messages	971
• XMLSA-2.....	971
• XMLSA-5.....	971
• XMLSA-6.....	972
ZBM Messages	972
• ZBM-2.....	972
• ZBM-4.....	974
• ZBM-6.....	974
ZONE Messages	975
• ZONE-2	975
• ZONE-3	994
• ZONE-4	996
• ZONE-5	1001

• ZONE-6	1001
_DNLD NAT_DNLD Messages.....	1004
• _DNLD NAT_DNLD-2	1004
• _DNLD NAT_DNLD-5	1005
_KLM KLM_VIP_CPU Messages	1005
• _KLM KLM_VIP_CPU-6.....	1005
_SERVER CRDCFG_SERVER Messages	1005
• _SERVER CRDCFG_SERVER-2	1005
• _SERVER CRDCFG_SERVER-3	1005
• _SERVER CRDCFG_SERVER-SLOT#-2.....	1006
Obtaining Documentation and Submitting a Service Request	1007

Messages and Recovery Procedures

This chapter lists the system messages by facility. Within each facility, the messages are listed by severity levels 0 to 7: 0 is the highest severity level, and 7 is the lowest severity level. Each message is followed by an explanation and a recommended action.

1 Messages

This section contains the 1 messages.

1-2

Error Message 1-2-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.

1-3

Error Message 1-3-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.

1-5

Error Message 1-5-FBAC_DISABLED: FBAC Disabled

Explanation FBAC Service Disabled

Recommended Action No action is required.

Error Message 1-5-FBAC_ENABLED: FBAC Enabled

Explanation FBAC Service nabled

Recommended Action No action is required.

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.

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_ERR_MSG: [chars]

Explanation AAA Error Message

Recommended Action *NONE

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.

AAA-7

Error Message AAA-7-AAA_DBG_MSG: [chars]

Explanation AAA Debug 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.

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 Aclog Flow: [chars]

Recommended Action No action is required.

ACLMGR Messages

This section contains the ACLMGR messages.

ACLMGR-2

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-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-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-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-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.

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.

ACLMGR-3

Error Message ACLMGR-3-ACLMGR_ACL_OWNER_MISMATCH: The ACL [chars] deleted was in use by [chars]. Please check show running-config for more information.

Explanation ACL that was in use by another feature was deleted

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_ACL_OWNER_MISMATCH: The ACL [chars] deleted was in use by [chars]. Please check show running-config for more information.

Explanation ACL that was in use by another feature was deleted

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_COMMIT_FAIL: Commit failed: [chars]

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_COMMIT_FAIL: Commit failed: [chars]

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_DB_LOCK_MSG: ACL database message, reason: [chars], session 0x%llx, type: [chars]

Explanation ACL PPF database lock acquire/release related message.

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_DB_LOCK_MSG: ACL database message, reason: [chars], session 0x%llx, type: [chars]

Explanation ACL PPF database lock acquire/release related message.

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_GSYNC_ERROR: Error occurred during global sync of ACL runtime database to standby, reason: [chars] , [chars]

Explanation ACL snapshot to send the copy of runtime database to standby failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_GSYNC_ERROR: Error occurred during global sync of ACL runtime database to standby, reason: [chars] , [chars]

Explanation ACL snapshot to send the copy of runtime database to standby failed

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_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_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_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.

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.

Error Message ACLMGR-3-ACLMGR_VERIFY_FAIL: Verify failed: [chars]

Explanation The PPF Verify failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_VERIFY_FAIL: Verify failed: [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.

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_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-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.

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.

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

Explanation The PPF generated notification

Recommended Action No action is required.

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_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-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 manager

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-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-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.

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.

ACLQOS-SLOT#-2

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

Explanation ACLQOS operation failed in the aclqos client

Recommended Action No action is required.

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

Explanation Inband interface lif lookup failed

Recommended Action No action is required.

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

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

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

Explanation Tcam resources to program acls exhausted

Recommended Action No action is required.

Error Message ACLQOS-SLOT#-2-ACLQOS_PLCY_FRAG: [chars]

Explanation Plcy with fragments present

Recommended Action No action is required.

Error Message ACLQOS-SLOT#-2-ACLQOS_POLICER: Policer resource exhausted: [chars]

Explanation Policer resources to program qos policy exhausted

Recommended Action No action is required.

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

Explanation Database operation failed in the aclqos client

Recommended Action No action is required.

ACLQOS-SLOT#-3

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

Explanation Invalid Congestion Control parameters

Recommended Action No action is required.

Error Message ACLQOS-SLOT#-3-ACLQOS_MCM_ERROR: MCM Message Inconsistent. Please collect MCM and ACLMgr Tech Support for all VDCs

Explanation MCM Message Inconsistent

Recommended Action No action is required.

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

Explanation Invalid Pause parameters

Recommended Action No action is required.

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

Explanation Internal error in ACL/QoS queuing config

Recommended Action No action is required.

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 action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_BC_OVER_THRESHOLD: Bank Chaining enabled: Inst [dec]'s usage has reached its threshold

Explanation Tcam is almost full

Recommended Action No action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_FC_WARNING: Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: [hex], DID: [hex], SI:[dec], SI_MASK:[dec], RW_VSAN: [dec], RW_VSAN_FLAG: [dec], RW_SID: [hex], RW_SID_FLAG: [dec], RW_DID: [hex]. RW_DID_FLAG: [dec] Cleaning it up.

Explanation Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: 0x[hex], DID: 0x[hex], SI:[dec], SI_MASK:[dec], RW_VSAN:[dec], RW_VSAN_FLAG: [dec], RW_SID: 0x[hex], RW_SID_FLAG:[dec], RW_DID: 0x[hex]. RW_DID_FLAG: [dec] Cleaning it up.

Recommended Action No action is required.

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

Explanation Warning(match_all merging)

Recommended Action No action is required.

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

Explanation Tcam is almost full

Recommended Action No action is required.

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 action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUEING_DSCP2Q_INVALID: ACL/QoS invalid queuing policy because of dscp map change: [chars] queue [chars], interface [chars]

Explanation Attempted to configure an invalid queuing policy

Recommended Action No action is required.

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 action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUEING_VOQ_BUF_CHECK: VOQ Buff no-empty: [chars]

Explanation VOQ Failed to drain the buffer in 1 sec

Recommended Action No action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_SPL_TCAM_THRESHOLD: Tcam Pool [dec]'s usage is [chars] the [dec] percent threshold now

Explanation Tcam's usage has crossed the threshold

Recommended Action No action is required.

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 action is required.

Error Message ACLQOS-SLOT#-4-ACLQOS_WARNING: ACLQOS Warning: [chars]

Explanation ACLQOS Warnings

Recommended Action No action is required.

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 action is required.

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 action is required.

ACL Messages

This section contains the ACL messages.

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_Q_FULL: MTS queue for SAP [dec] is full

Explanation MTS queue for SAP [dec] is full

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.

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-3

Error Message ACL-3-ACL_MTS_Q_LEAK: Possible MTS buffer leak for SAP [dec]

Explanation Possible MTS buffer leak for SAP [dec]

Recommended Action No action is required.

ACL-4

Error Message ACL-4-ACL_MTS_Q_HIGH: MTS queue for SAP [dec] is close to full

Explanation MTS queue for SAP [dec] is close to full

Recommended Action No action is required.

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.

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.

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.

ADBM Messages

This section contains the ADBM messages.

ADBM-3

Error Message ADBM-3-ADBM_MTSERROR: Send MTS to node [dec] sap [dec]

Explanation Fail to send MTS message

Recommended Action Internal error: please collect 'show tech' and contact TAC

ADBM-5

Error Message ADBM-5-LDAP_CONNECT: Connect [chars] to LDAP [chars] server [chars]

Explanation Able to connect (bind) to LDAP server.

Recommended Action No action is required.

Error Message ADBM-5-LDAP_DISCONNECT: Disconnect to LDAP [chars] server [chars]

Explanation Loss connection (so do unbind) to LDAP server

Recommended Action If not config remove, then check the state of LDAP server.

AGNI-DPP Messages

This section contains the AGNI-DPP messages.

AGNI-DPP-2

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_2HEX: [chars] [hex] [hex]

Explanation No action is required.

Recommended Action

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_HEX: [chars] [hex]

Explanation No action is required.

Recommended Action

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_INT: [chars] [dec]

Explanation No action is required.

Recommended Action

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_STR: [chars] [chars]

Explanation No action is required.

Recommended Action

Error Message AGNI-DPP-2-AGNI_DPP_PRINT: [chars]

Explanation No action is required.

Recommended Action

AGNI-DPP-6

Error Message AGNI-DPP-6-AGNI_DPP_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

AGNIL2F Messages

This section contains the AGNIL2F messages.

AGNIL2F-6

Error Message AGNIL2F-6-AGNIL2F_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ALDRIN Messages

This section contains the ALDRIN messages.

ALDRIN-6

Error Message ALDRIN-6-ALDRIN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ALI_LC Messages

This section contains the ALI_LC messages.

ALI_LC-2

Error Message ALI_LC-2-INIT_FAIL: [chars]

Explanation Initialization failed

Recommended Action No action is required.

Error Message ALI_LC-2-INTERNAL_PORT_FAILURE: Internal port [dec] reinit failed due to [chars]

Explanation An Internal port number [dec] on the board has failed due to reason [chars]. The corresponding ethernet port may become unusable

Recommended Action Please contact the 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 ALI_LC-2-INTERNAL_PORT_REINIT: Internal port [dec] has been reinitialized due to [chars]

Explanation An Internal port number [dec] on the board was reinitialized due to reason [chars]. The corresponding ethernet port may experience some packet drops

Recommended Action No action is required.

Error Message ALI_LC-2-MTS_FAILURE: [chars]

Explanation MTS send/receive failed

Recommended Action No action is required.

AMM Messages

This section contains the AMM messages.

AMM-SLOT#-0

Error Message AMM-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation AMM failed to initialize CLI infrastructure\'s backend library. This is a fatal error.

Recommended Action No action is required.

Error Message AMM-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation AMM failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

AMM-SLOT#-2

Error Message AMM-SLOT#-2-AMM_MEM_ALLOC: Memory allocation failed. [chars]

Explanation No action is required.

Recommended Action

Error Message AMM-SLOT#-2-AMM_RECOVERY_ERROR: Error in Recovery: [chars]

Explanation AMM failed to recover after a re-start. This is a fatal error.

Recommended Action No action is required.

AMM-SLOT#-6

Error Message AMM-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation AMM has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

APP EMULATOR Messages

This section contains the APP EMULATOR messages.

APP EMULATOR-SLOT#-5

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_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 APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_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 APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_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.

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_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 APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_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.

ARBITER Messages

This section contains the ARBITER messages.

ARBITER-2

Error Message ARBITER-2-CATASTROPHIC_FAILURE: Arbiter Catastrophic interrupt:[chars]

Explanation Arbiter triggered Catastrophic error interrupt

Recommended Action Please contact your support representative

Error Message ARBITER-2-MBIST_FAIL: Arbiter MBIST failed:[chars]

Explanation Arbiter failed built in self test

Recommended Action Please contact your support representative

ASHBURTON_USD Messages

This section contains the ASHBURTON_USD messages.

ASHBURTON_USD-2

Error Message ASHBURTON_USD-2-ASHBURTON_SYSLOG_CRIT: [chars] :[dec], [chars]

Explanation Ashburton instance not ok to use

Recommended Action Collect more information about Ashburton Reloading the module will recover.

ASHBURTON_USD-3

Error Message ASHBURTON_USD-3-ASHBURTON_MSG1: [chars]

Explanation ASHBURTON log message

Recommended Action No action is required.

ASSOC_MGR Messages

This section contains the ASSOC_MGR messages.

ASSOC_MGR-0

Error Message ASSOC_MGR-0-EMERGENCY_MSG: [chars]

Explanation Association Manager Emergency Message

Recommended Action Please file the bug for Association Manager Component thro' CDETS

ASSOC_MGR-1

Error Message ASSOC_MGR-1-ALERT_MSG: [chars]

Explanation Association Manager Alert Message

Recommended Action Association Manager Internal Operation Alert

ASSOC_MGR-2

Error Message ASSOC_MGR-2-COMMUNICATION_ERROR : [chars]

Explanation Association Manager Communication error message with other components

Recommended Action No action is required.

Error Message ASSOC_MGR-2-CRITICAL_MSG: [chars]

Explanation Association Manager Critical Message

Recommended Action No action is required.

Error Message ASSOC_MGR-2-CRITICAL_UPDATE_SDB_ERR : [chars]

Explanation Association Manager has incurred update sdb error

Recommended Action No action is required.

Error Message ASSOC_MGR-2-HARDWARE_LIMIT : [chars]

Explanation Association Manager has reached max hardware limit

Recommended Action No action is required.

Error Message ASSOC_MGR-2-MALLOC_FAILED : [chars]

Explanation Association Manager has malloc failure

Recommended Action No action is required.

Error Message ASSOC_MGR-2-RCVD_NULL_PAYLOAD : [chars]

Explanation Association Manager has received NULL payload

Recommended Action No action is required.

Error Message ASSOC_MGR-2-SDB_CLOSE_FAILED : [chars]

Explanation Association Manager sdb close failed

Recommended Action No action is required.

Error Message ASSOC_MGR-2-SDB_CREATE_FAILED : [chars]

Explanation Association Manager sdb creation failed

Recommended Action No action is required.

Error Message ASSOC_MGR-2-SDB_DESTROY_FAILED : [chars]

Explanation Association Manager sdb destroy failed

Recommended Action No action is required.

Error Message ASSOC_MGR-2-SENT_NULL_PAYLOAD : [chars]

Explanation Association Manager is sending NULL payload

Recommended Action No action is required.

ASSOC_MGR-3

Error Message ASSOC_MGR-3-CBL_FAILURE: [chars]

Explanation Association Manager CBL failure

Recommended Action No action is required.

Error Message ASSOC_MGR-3-ERROR_MSG: [chars]

Explanation Association Manager Error Message

Recommended Action No action is required.

Error Message ASSOC_MGR-3-LOGICAL_BRINGUP_FAIL : [chars]

Explanation Association Manager Logical bringup failed

Recommended Action No action is required.

Error Message ASSOC_MGR-3-LOGICAL_CLNP_FAIL : [chars]

Explanation Association Manager Logical cleanup failed

Recommended Action No action is required.

Error Message ASSOC_MGR-3-PROGRAMMING_FAIL : [chars]

Explanation Association Manager programming failed

Recommended Action No action is required.

Error Message ASSOC_MGR-3-SEND_NOTIFICATION_ERR: [chars]

Explanation Association Manager send notification failed

Recommended Action No action is required.

ASSOC_MGR-4

Error Message ASSOC_MGR-4-NOTIF_FAIL_WARN : [chars]

Explanation Association Manager notification failed Message

Recommended Action No action is required.

Error Message ASSOC_MGR-4-PROGRAMMING_FAIL_WARN : [chars]

Explanation Association Manager cbl programming failed warning Message

Recommended Action No action is required.

Error Message ASSOC_MGR-4-WARN_MSG: [chars]

Explanation Association Manager Warning Message

Recommended Action No action is required.

ASSOC_MGR-5

Error Message ASSOC_MGR-5-MAPPING_CREATED: [chars]

Explanation Association Manager FCOE VLAN to VSAN mapping created

Recommended Action No action is required.

Error Message ASSOC_MGR-5-MAPPING_REMOVED : [chars]

Explanation Association Manager FCOE VLAN to VSAN mapping removed

Recommended Action No action is required.

Error Message ASSOC_MGR-5-MAPPING_RESTORED : [chars]

Explanation Association Manager FCOE VLAN to VSAN mapping restored

Recommended Action No action is required.

Error Message ASSOC_MGR-5-NOTIF_MSG: [chars]

Explanation Association Manager Notification Message

Recommended Action No action is required.

ASSOC_MGR-6

Error Message ASSOC_MGR-6-ASSOC_ACTIVATED: Association Activated for vlan id:[dec] <--> vsan id:[dec]

Explanation Association Activated

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_CREATED: Association Created for vlan id:[dec] <--> vsan id:[dec]

Explanation Association Created

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_DEACTIVATED: Association Deactivated for vlan id: [dec] <--> vsan id: [dec]

Explanation Association Deactivated

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_DELETED: Association Deleted for vlan id: [dec] <--> vsan id: [dec]

Explanation Association Deleted

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_MGR_STATEFULL_RESTART: Association Manager Statefull Restart

Explanation Association Manager Stateful Restart

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_MGR_STATELESS_RESTART: Association Manager Stateless Restart

Explanation Association Manager Stateless Restart

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_OPER_STATUS_CHG: Association status for vlan id: [dec] <--> vsan id: [dec] changed from [chars] to [chars]

Explanation Association Operational State Change

Recommended Action No action is required.

Error Message ASSOC_MGR-6-INFO_MSG: [chars]

Explanation ASSOC Manager Informational Message

Recommended Action No action is required.

ASSOC_MGR-7

Error Message ASSOC_MGR-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

ATLANTIS_APP Messages

This section contains the ATLANTIS_APP messages.

ATLANTIS_APP-SLOT#-2

Error Message ATLANTIS_APP-SLOT#-2-ATLANTIS_APP_EXITED: Atlantis driver application exited (syserr = [dec], errno = [dec])

Explanation Atlantis driver application exited

Recommended Action No action is required.

AZUMA Messages

This section contains the AZUMA messages.

AZUMA-2

Error Message AZUMA-2-DPFPGA_HW_PROG_FAIL: DPFPGA [dec] hardware initialization failed - [chars]

Explanation DPFPGA hardware initialization failure

Recommended Action If hardware configure fails, please do the parallel epld upgrade again.

AZUMA-6

Error Message AZUMA-6-DPFPGA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

BET Messages

This section contains the BET messages.

BET-6

Error Message BET-6-BET_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

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: System booted from Alternate BIOS Flash

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

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-5

Error Message BIOS_DAEMON-5-BIOS_DAEMON_PRI_BOOT: System booted from Primary BIOS Flash

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

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: System booted from Alternate BIOS Flash

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

BIOS_DAEMON-SLOT#-5

Error Message BIOS_DAEMON-SLOT#-5-BIOS_DAEMON_LC_PRI_BOOT: System booted from Primary BIOS Flash

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

BOOTVAR Messages

This section contains the BOOTVAR messages.

BOOTVAR-1

Error Message BOOTVAR-1-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.

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_STANDBY_FULL: Autocopy failed due to not enough disk space on standby. Please, copy the boot images manually to standby bootflash

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-2-AUTOCOPY_STANDBY_MOUNT_FAILED: Autocopy failed to access standby file system via NFS mount. Please, copy the boot images manually to standby bootflash.

Explanation Standby NFS mount is not accessible.

Recommended Action Manually copy files to standby.

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.

Error Message BOOTVAR-2-F4_LC_ARB_LINK_SET_FAIL: ERROR!!! Failed to change Standby Supervisor arbiter link for F4 linecard in slot : [dec]. Please run 'migrate clean' once migration process gets completed, but before replacing Supervisor-2 (N77-SUP2E) in standby slot.

Explanation Failed to change Standby Supervisor arbiter link for F4 linecard

Recommended Action Please run 'migrate clean' before replacing Supervisor-2 (N77-SUP2E) in standby slot

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.

Error Message BOOTVAR-2-MIGRATION_CONFIG_CLEAN_ERROR: Please run 'migrate clean' command from active Supervisor before replacing the standby Supervisor.

Explanation Supervisor migration config clean failed.

Recommended Action Please run 'migrate clean' command from active Supervisor before replacing the standby Supervisor. Otherwise standby supervisor will also come up in migration path.

Error Message BOOTVAR-2-SUP3_MIGRATION_COMPLETE: Migration process is complete now. Supervisor-2 (N77-SUP2E) in standby slot can now be replaced with Supervisor-3 (N77-SUP3E).

Explanation Supervisor migration config is complete.

Recommended Action Please remove Supervisor-2 (N77-SUP2E) from standby slot and insert new Supervisor-3 (N77-SUP3E)

Error Message BOOTVAR-2-SUP3_MIGRATION_CONFIG_ERROR: Setting boot parameters failed for Supervisor-3 (N77-SUP3E). Please set boot variables manually using 'boot kickstart ' and 'boot system ' and save configs before replacing Standby Supervisor-2 (N77-SUP2E)

Explanation Supervisor migration config failed.

Recommended Action Please manually set the boot parameters and then issue 'copy running-config startup-config vdc-all' and remove Supervisor-2 (N77-SUP2E) from standby slot and insert Supervisor-3 (N77-SUP3E)

Error Message BOOTVAR-2-SUP3_MIGRATION_CONFIG_STARTED: Setting boot parameters for supervisor migration process, it might take some time. Please do not replace Supervisor-2 (N77-SUP2E) in standby slot with Supervisor-3 (N77-SUP3E) and set any config parameters until migration is complete.

Explanation Supervisor migration config under progress

Recommended Action Do not set any config parameters

Error Message BOOTVAR-2-SUP3_MIGRATION_IMAGE_DOES_NOT_EXIST: [chars] image doesn't exist on bootflash of the active Supervisor-3. Please clear some space in bootflash, copy the Supervisor-3 images manually, set the boot variables and save configs before replacing Standby Supervisor-2

Explanation Migration image does not exist on bootflash of Supervisor-3 (N77-SUP3E).

Recommended Action Please clear space in bootflash and copy the images manually, set the boot parameters and issue 'copy running-config startup-config vdc-all'. Once done, remove Supervisor-2 (N77-SUP2E) from standby slot and insert Supervisor-3 (N77-SUP3E).

Error Message BOOTVAR-2-SUP_MIGRATION_CONFIG_COMPLETE: Migration process is complete now. Supervisor-3 (DS-X97-SF1-K9) in standby slot can now be replaced with Supervisor-4 (DS-X97-SF4-K9).

Explanation Supervisor migration config is complete.

Recommended Action Please remove Supervisor-3 (DS-X97-SF1-K9) from Standbyslot and insert new Supervisor-4 (DS-X97-SF4-K9)

Error Message BOOTVAR-2-SUP_MIGRATION_CONFIG_ERROR: Setting boot parameters for supervisor migration process returned error. Please set the boot variables manually using 'boot kickstart ' and 'boot system ' and save configs before replacing Standby Supervisor-3 (DS-X97-SF1-K9)

Explanation Supervisor migration config failed.

Recommended Action Please manually set the boot parameters and then issue 'copy running-config startup-config' and remove Supervisor-3 (DS-X97-SF1-K9) from Standbyslot and insert Supervisor-4 (DS-X97-SF4-K9)

Error Message BOOTVAR-2-SUP_MIGRATION_CONFIG_STARTED: Setting boot parameters for supervisor migration process. It might take some time. Please do not set any config parameters during this time or do not replace standby.

Explanation Supervisor migration config under progress

Recommended Action Do not set any config parameters

Error Message BOOTVAR-2-SUP_MIGRATION_IMAGE_DOES_NOT_EXIST: [chars] image doesn't exist on bootflash of the supervisor. Please clear some space in bootflash, copy the Supervisor-4 images manually, set the boot variables and save configs before replacing Standby Supervisor-3 (DS-X97-SF1-K9)

Explanation One of the possible reasons is no enough disk space. Please clear the disk space. recommended action: Please copy the images manually, set the boot parameters and issue 'copy running-config startup-config'. Remove Supervisor-3 (DS-X97-SF1-K9) from Standby slot and insert Supervisor-4 (DS-X97-SF4-K9) Once 'copy r s' is successful, remove Supervisor-3 (DS-X97-SF1-K9) and replace with Supervisor-4 (DS-X97-SF4-K9)

Recommended Action

BOOTVAR-3

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 Run show processes command to check the status of the other processes, look for the specified component that failed to initialize.

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

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 Auto copy failed because standby supervisor does not support this feature.

Recommended Action No action is required.

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

Explanation (Warning) The verification process for this image set has failed.

Recommended Action Check reason to determine actions.

BOOTVAR-5

Error Message BOOTVAR-5-AUTOCOPY_FAILED: Autocopy of file [chars] to standby failed. [chars] (Error-id: [hex])

Explanation The auto-copy feature failed to copy the image to standby.

Recommended Action Check error id for specified reason.

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-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.

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.

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.

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

CARDCLIENT Messages

This section contains the CARDCLIENT messages.

CARDCLIENT-2

Error Message CARDCLIENT-2-CARDCL_CRIT: [chars]

Explanation CardClient Critical 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 CARDCLIENT-2-ONL: [chars]

Explanation Online 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 CARDCLIENT-2-REG: [chars]

Explanation CardClient Console 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 CARDCLIENT-2-SSE: [chars]

Explanation CardClient Console 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.

CARDCLIENT-3

Error Message CARDCLIENT-3-CARDCL_ERR: [chars]

Explanation CardClient 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 CARDCLIENT-3-CARDCL_INFO: [chars]

Explanation CardClient Flow 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.

CARDCLIENT-SLOT#-2

Error Message CARDCLIENT-SLOT#-2-ERR: [chars]

Explanation CardClient Remote Syslog msg

Recommended Action Please contact the 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 CARDCLIENT-SLOT#-2-IMG_ERR: [chars]

Explanation CardClient Remote Syslog msg

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

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.

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.

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.

Error Message CDP-5-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-5-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.

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.

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.

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.

Error Message CERT_ENROLL-3-CERT_EN_IMPORT_TRUSTPOOL_ERROR: Trustpool import from URL : [chars] failed

Explanation Trustpool download

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_TRUSTPOOL_INIT_ERROR: Trustpool initialization error : [dec]

Explanation Trustpool initialization

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_TRUSTPOOL_TIMER_ERROR: Trustpool timer error : [chars]

Explanation Trustpool download timer

Recommended Action No action is required.

CERT_ENROLL-6

Error Message CERT_ENROLL-6-CERT_EN_IMPORT_TRUSTPOOL: Successfully imported trustpool from URL : [chars]

Explanation Trustpool download

Recommended Action No action is required.

Error Message CERT_ENROLL-6-CERT_EN_MESSAGE: [chars]

Explanation CERT_ENROLL Message

Recommended Action No action is required.

CFGD Messages

This section contains the CFGD messages.

CFGD-SLOT#-2

Error Message CFGD-SLOT#-2-7: ERROR: Component ([chars]) caused critical error please re-boot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

CFS Messages

This section contains the CFS messages.

CFS-2

Error Message CFS-2-CFS_REJECT_LOCK: Remote switch with address(es) [chars] rejected the lock for [chars]. Reason: [chars].

Explanation This message is logged when a remote switch rejects the lock.

Recommended Action 1) On the switch that has rejected the lock, please check the status of the application specified. 2) On each switch in the fabric, please check whether the application is holding the lock. On the lock-holding switch, please clear the lock.

TAC Details This syslog is caused when a switch is holding and another switch (not knowing about this) tries to take the lock. The switch where the lock is being held needs to release the lock. Please use 'show cfs internal session-history' on both switches to work out which switch could be holding the lock, or check manually on each switch. Once the lock-holding switch is found, the lock should be cleared. This is done by application-specific commands. There is no workaround or other fix.

Error Message CFS-2-CFS_REJECT: [chars]. Source switch: WWN [chars], IP address [chars]. Reason: [chars]

Explanation Message from the remote switch specified has been rejected. The reason for the rejection is given.

Recommended Action Please login to the switch with the address(es) specified and check the status of CFS. If the reason given is that the CFS protocol version not supported, please ensure that both the local and remote switches are running the same version of NXOS. If the reason given is that the packet received is invalid, please check the device corresponding to the source address. If this is a NxOS switch, please check collect the information requested and contact TAC. On the other hand, if the remote device is not a switch or is untraceable, please take appropriate action to secure the network.

Required Info Collect 'show tech-support detail' on the local and remote switches.

TAC Details At present, this syslog is caused in two situations: 1. When the CFS protocol version is different in the peers. Running the same (or compatible) version of NXOS on the peers will avoid this issue. There is no workaround or other fix. 2. When a malfunctioning remote switch (or other malicious device) is sending invalid CFS packets. If this is due to a malfunctioning NxOS switch, the issue will need to be investigated. If this is due to another device on the network, that device will need to be shut down or prevented from sending such disruptive traffic.

Error Message CFS-2-CFS_REJ_LOCK_INFO: Remote switch with address(es) [chars] rejected the lock for [chars] giving reason '[chars]'. Lock holding switch has address(es) [chars].

Explanation This message is logged when a remote switch rejects the lock.

Recommended Action On the lock-holding switch, please check the status of the application and clear the lock. This is done by application-specific commands.

TAC Details This syslog is caused when a switch is holding and another switch (not knowing about this) tries to take the lock. The switch where the lock is being held needs to release the lock. The lock should be cleared. This is done by application-specific commands. There is no workaround or other fix.

Error Message CFS-2-PEER_LIMIT: The number of peers, [dec], is more than the CFS supported configuration limit of [dec]. Please reduce the number of peers to within the limit.

Explanation The number of peers has crossed the supported configuration limit as a result of CFS discovery.

Recommended Action Please reduce the number of peers to within the limit by disabling CFS from switches in the fabric.

TAC Details This syslog is caused when the number of CFS peers is more than the supported limit. This can happen when two fabrics merge. CFS needs to be de-configured on some of the peers until the total is less than or equal to the limit. There is no workaround or other fix. # End of cfs_syslog_def.msg

CFS-3

Error Message CFS-3-APP_MERGE_FAILED: Merge failed for [chars] between 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 1) If CFS over FC is being used, please check the following on both local and remote switches: a) Connectivity between the local and remote switches using 'fcping'. b) The status of the merge for the application using the command 'show cfs merge status name '. c) The status of the application using

application-specific commands. d) The status of CFS peering for the application using the command 'show cfs peers name '. e) If the above steps do not yield a solution, please collect the information requested and contact TAC. 2) If CFS over IP is being used, please check the following on both local and remote switches: a) Connectivity between the local and remote switches using 'ping'. b) The status of the merge for the application using the command 'show cfs merge status name '. c) The status of the application using application-specific commands. d) The status of CFS peering for the application using the command 'show cfs peers name '. e) If the above steps do not yield a solution, please collect the information requested and contact TAC. 3) If CFS over Ethernet is being used, please collect the information requested and contact TAC.

Required Info Collect 'show tech-support detail' on the local and remote switches.

Error Message CFS-3-MERGE_FAILED: Merge failed for [chars] between local switch WWN [chars], IP [chars], and remote switch WWN [chars], IP [chars].

Explanation The CFS service has detected a merge failure.

Recommended Action 1) If CFS over FC is being used, please check the following on both local and remote switches: a) Connectivity between the local and remote switches using 'fcping'. b) The status of the merge for the application using the command 'show cfs merge status name '. c) The status of the application using application-specific commands. d) The status of CFS peering for the application using the command 'show cfs peers name '. e) If the above steps do not yield a solution, please collect the information requested and contact TAC. 2) If CFS over IP is being used, please check the following on both local and remote switches: a) Connectivity between the local and remote switches using 'ping'. b) The status of the merge for the application using the command 'show cfs merge status name '. c) The status of the application using application-specific commands. d) The status of CFS peering for the application using the command 'show cfs peers name '. e) If the above steps do not yield a solution, please collect the information requested and contact TAC. 3) If CFS over Ethernet is being used, please collect the information requested and contact TAC.

Required Info Collect 'show tech-support detail' on the local and remote switches.

CFS-6

Error Message CFS-6-SRVCREATED: The CFS service is running.

Explanation The CFS service was created successfully and is up and running.

Recommended Action No action is required.

CLIS Messages

This section contains the CLIS messages.

CLIS-6

Error Message CLIS-6-CLIS_SYSLOG_CMD_REMOVED: Command has been deleted from the configuration due to config change : [chars]

Explanation Command removal due to configuration change

Recommended Action Please verify the cmd has been removed

Required Info *None*

TAC Details Use show tech clis to see the more details about clis configuration

CLK_MGR Messages

This section contains the CLK_MGR messages.

CLK_MGR-2

Error Message CLK_MGR-2-CLK_MGR_FC2_CRIT: CLK_MGR critical error: [chars]

Explanation CLK_MGR fc2 clock synchronization critical error

Recommended Action No action is required.

CLK_MGR-5

Error Message CLK_MGR-5-CLK_MGR_CLI_CONFIG: CLK_MGR clock is synchronized by [chars] from VDC [dec]

Explanation CLK_MGR clock is synchronized by [chars] from VDC

Recommended Action No action is required.

CLK_MGR-6

Error Message CLK_MGR-6-CLK_MGR_FSM_TIMEOUT: CLK_MGR FSM timeout occurred while in '[chars]' state

Explanation CLK_MGR FSM timeout happened which is not usual. One of the reasons could be that it has not received response with timestamp information from PTPLC process running on line card in timely manner.

Recommended Action If you see this message only once, you can ignore. However, if you see this message periodically, you need to check if the line card is properly collecting and sending timestamp information to clock manager or not. Please collect show tech-support clock_manager and (if using PTP) show tech-support ptp output, call your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support clock_manager 2. show tech-support ptp (if PTP is used)

TAC Details Please analyze show tech-support clock_manager to decide if it is expected or not. If it is not expected and root cause cannot be determined, please report this to Engineering. You should use Topic to search for a similar DDTs.

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_DISABLED: CLK_MGR timestamp checks disabled: [chars]

Explanation CLK_MGR timestamp checks disabled

Recommended Action No action is required.

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_ENABLED: CLK_MGR timestamp checks enabled

Explanation CLK_MGR timestamp checks enabled

Recommended Action No action is required.

CLOUD Messages

This section contains the CLOUD messages.

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

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

Explanation Cloud-discovery started

Recommended Action Check cloud-discovery status after sometime

CLP_FWD Messages

This section contains the CLP_FWD messages.

CLP_FWD-6

Error Message CLP_FWD-6-CLF_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_L3 Messages

This section contains the CLP_L3 messages.

CLP_L3-6

Error Message CLP_L3-6-CLP_L3_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_MAC Messages

This section contains the CLP_MAC messages.

CLP_MAC-2

Error Message CLP_MAC-2-CLM_ERR_MSG: [chars]

Explanation Error message

Recommended Action No action is required.

CLP_MAC-7

Error Message CLP_MAC-7-CLM_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_XBAR Messages

This section contains the CLP_XBAR messages.

CLP_XBAR-2

Error Message CLP_XBAR-2-FR_CRC: [chars]

Explanation Clipper received packets with CRC error from fabric

Recommended Action No action is required.

CLP_XBAR-6

Error Message CLP_XBAR-6-CLX_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLUSTER_TEST_APP Messages

This section contains the CLUSTER_TEST_APP messages.

CLUSTER_TEST_APP-5

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_DISABLED: CLUSTER_TEST_APP Disabled

Explanation CLUSTER_TEST_APP Service Disabled

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_ENABLED: CLUSTER_TEST_APP Enabled

Explanation CLUSTER_TEST_APP Service nabled

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_TEST_STARTED: Traffic test started

Explanation CLUSTER_TEST_APP Test started

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_TEST_STOPPED: Traffic test stopped

Explanation CLUSTER_TEST_APP Test stopped

Recommended Action No action is required.

CLUSTER Messages

This section contains the CLUSTER messages.

CLUSTER-2

Error Message CLUSTER-2-CLUSTER_ADD_FAIL: Cluster [chars] (0x%llx) creation failed

Explanation Cluster Creation Failed

Recommended Action No action is required.

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.

Error Message CLUSTER-2-CLUSTER_CONF_MGR_FAIL: Configuration manager failed to handle message [chars] of type ([dec]), with status=[hex]

Explanation Cluster Config Manager failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_CLIENT: Database synchronization failed by client [chars] (id = [dec]), on node 0x%llx , in cluster [chars] (id = 0x%llx), for dataset [dec] ; reason=[chars]

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_MANAGER: Database synchronization failed by [chars] (id = [dec]), manager on node 0x%llx, in cluster [chars] (id = 0x%llx), for dataset [dec] ; reason=[chars] from server node 0x%llx

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_SERVER: Database synchronization failed by server [chars] (id = [dec]), on server node 0x%llx, in cluster [chars] (id = 0x%llx), for dataset [dec] ; reason=[chars] from client node 0x%llx

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL: Database synchronization failed by [chars] (id = [dec]), in cluster [chars] (id = 0x%llx), dataset [dec]; reason=[chars]

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LEADER_ANNOUNCE: Node 0x%llx is the new Master of cluster [chars] (0x%llx) of [dec] nodes

Explanation Leader announcement of cluster

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LEAVE_REQ_FAIL: Node failed to send LEAVE request to cluster [chars] (0x%llx)

Explanation Failed to send Leave Request

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LEAVE_RESP_FAIL: Bad response to LEAVE request for cluster [chars] (0x%llx)

Explanation Received Bad Leave response

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LOCAL_NODE_EXIT: Local node 0x%llx has left the cluster [chars] (0x%llx) Reason:[chars]

Explanation Node is not part of cluster

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_QUORUM_GAIN: Cluster [chars] (0x%llx) now has quorum with [dec] nodes

Explanation Cluster has quorum

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_QUORUM_LOSS: Cluster [chars] (0x%llx) has lost quorum; number of nodes=[dec]

Explanation Cluster has lost quorum

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_RGC_TRANSACTION_FAIL: Cluster [chars] (0x%llx) RGC transaction application=[dec] dataset=[dec] failed reason=[chars]

Explanation Cluster RGC transaction failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_TRANSPORT_FAIL: Cluster [chars] (0x%llx) transport failed to send message from node 0x%llx to 0x%llx error=[dec]

Explanation Cluster transport failed to send message

Recommended Action No action is required.

CLUSTER-5

Error Message CLUSTER-5-CLUSTER_ADD: Cluster [chars] (0x%llx) added

Explanation Cluster Added

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_DISABLED: CLUSTER Disabled

Explanation CLUSTER Service Disabled

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_ENABLED: CLUSTER Enabled

Explanation CLUSTER Service Enabled

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_ADD: Node 0x%llx added to cluster [chars] (0x%llx)

Explanation Node added to cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_JOIN: Node 0x%llx joined cluster [chars] (0x%llx)

Explanation Node joined cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_LEAVE_EXPLICIT: Remote node 0x%llx has left the cluster [chars] (0x%llx) voluntarily

Explanation Remote Node Left voluntarily

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_LEAVE: Node 0x%llx not in cluster [chars] (0x%llx)

Explanation Node not in cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_REMOVE: Node 0x%llx removed from cluster [chars] (0x%llx)

Explanation Node removed from cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_REMOVE: Cluster [chars] (0x%llx) removed

Explanation Cluster removed

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_JOIN_REQ: Node 0x%llx received JOIN request from node=0x%llx

Explanation Cluster received JOIN request

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_JOIN_RESP: Node 0x%llx received JOIN response from node=0x%llx result=[chars]

Explanation Cluster received JOIN response

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_PROBE: Node 0x%llx received PROBE from node=0x%llx

Explanation Cluster received PROBE message

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_STARTED: CLUSTER [chars] (0x%llx) Started

Explanation CLUSTER Started

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_STOPPED: CLUSTER [chars] (0x%llx) Stopped

Explanation CLUSTER Stopped

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TRANSPORT_DOWN: Cluster [chars] (0x%llx) transport down on node=0x%llx for remote port :[dec], local port :[dec]

Explanation Cluster Transport Connection DOWN

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TRANSPORT_UP: Cluster [chars] (0x%llx) transport up on node=0x%llx

Explanation Cluster Transport Connection UP

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TX_JOIN_REQ: Node 0x%llx sending JOIN request to node=0x%llx

Explanation Cluster sending JOIN request

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TX_JOIN_RESP: Node 0x%llx sending JOIN response to node=0x%llx result=[chars]

Explanation Cluster sending JOIN response

Recommended Action No action is required.

CMOND Messages

This section contains the CMOND messages.

CMOND-2

Error Message CMOND-2-CMOND_ALERT_MSG: [chars]

Explanation Alert message

Recommended Action No action is required.

Error Message CMOND-2-CMOND_ERROR_MSG: [chars]

Explanation Error message

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.

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-1

Error Message COPP-1-COPP_DROP_LOG_ALERT: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-1-COPP_DROP_LOG_ALERT: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

COPP-2

Error Message COPP-2-COPP_DROP_LOG_CRIT: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-2-COPP_DROP_LOG_CRIT: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

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.

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.

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.

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.

Error Message COPP-2-COPP_NO_POLICY: Control-plane is unprotected.

Explanation There isn't any policy configured to protect control-plane.

Recommended Action No action is required.

Error Message COPP-2-COPP_NO_POLICY: Control-plane is unprotected.

Explanation There isn't any policy configured to protect control-plane.

Recommended Action No action is required.

Error Message COPP-2-COPP_POLICY: Control-Plane is protected with policy [chars].

Explanation There is a policy attached to the control-plane.

Recommended Action No action is required.

Error Message COPP-2-COPP_POLICY: Control-Plane is protected with policy [chars].

Explanation There is a policy attached to the control-plane.

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF_HW: CoPP profile in software is not in sync with hardware for MPLS rules. Reapply CoPP policy for MPLS rules to take effect. E.g.: no copp profile ; copp profile

Explanation CoPP profile in software is not in sync with hardware for MPLS rules. Reapply CoPP policy for MPLS rules to take effect. E.g.: no copp profile ; copp profile

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF_HW: CoPP profile in software is not in sync with hardware for MPLS rules. Reapply CoPP policy for MPLS rules to take effect. E.g.: no copp profile ; copp profile

Explanation CoPP profile in software is not in sync with hardware for MPLS rules. Reapply CoPP policy for MPLS rules to take effect. E.g.: no copp profile ; copp profile

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF: CoPP Default Profile may have changed, please check the diffs using show copp diff profile prior-ver profile

Explanation CoPP Default Profile may have changed, please check the diffs using show copp diff profile prior-ver profile

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF: CoPP Default Profile may have changed, please check the diffs using show copp diff profile prior-ver profile

Explanation CoPP Default Profile may have changed, please check the diffs using show copp diff profile prior-ver profile

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_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_DROP_LOG_ERR: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-3-COPP_DROP_LOG_ERR: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

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_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.

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-4

Error Message COPP-4-COPP_DROP_LOG_WARNING: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-4-COPP_DROP_LOG_WARNING: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

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_DISABLED: COPP Disabled

Explanation COPP Service Disabled

Recommended Action No action is required.

Error Message COPP-5-COPP_DROP_LOG_NOTICE: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-5-COPP_DROP_LOG_NOTICE: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

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_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.

Error Message COPP-5-COPP_INIT: COPP initialized

Explanation COPP Service Initialized

Recommended Action No action is required.

COPP-6

Error Message COPP-6-COPP_DROP_LOG_INFO: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-6-COPP_DROP_LOG_INFO: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

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_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.

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.

COPP-7

Error Message COPP-7-COPP_DROP_LOG_DEBUG: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

Recommended Action No action is required.

Error Message COPP-7-COPP_DROP_LOG_DEBUG: CoPP drops exceed threshold in class: [chars] for module: [dec], check show policy-map interface control-plane for more info.

Explanation CoPP packet drops in class [chars] for module [dec].

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 Clear existing core files

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.

CREDITMON-SLOT#-4

Error Message CREDITMON-SLOT#-4-SLOWPORT_WARNING: [chars]

Explanation Slowport detected

Recommended Action No action is required.

CTSDEV_USD Messages

This section contains the CTSDEV_USD messages.

CTSDEV_USD-3

Error Message CTSDEV_USD-3-CTSDEV_LOG_MSG: [chars]

Explanation

Recommended Action No action is required.

DCEFIB Messages

This section contains the DCEFIB messages.

DCEFIB-SLOT#-0

Error Message DCEFIB-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2mp unicast fib failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2mp unicast fib failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

DCEFIB-SLOT#-2

Error Message DCEFIB-SLOT#-2-DCEFIB_MEM_ALLOC: Memory allocation failed. [chars]

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

Error Message DCEFIB-SLOT#-2-DCEFIB_RECOVERY_ERROR: Error in Recovery: [chars]

Explanation L2mp unicast fib failed to recover after a re-start. This is a fatal error.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-2-U2FIB_ERR: [chars]

Explanation L2mp unicast fib encountered an error:

Recommended Action No action is required.

DCEFIB-SLOT#-6

Error Message DCEFIB-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation L2mp unicast fib has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-U2FIB_INFO: [chars]

Explanation L2mp unicast fib notice:

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in l2mp unicast fib was successful.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation L2mp unicast fib has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

DCX_TEST Messages

This section contains the DCX_TEST messages.

DCX_TEST-6

Error Message DCX_TEST-6-MTSBINDFAILED: dcx: *****Failed to bind to MTS

Explanation

Recommended Action No action is required.

Error Message DCX_TEST-6-PROCESS_INITIALISED: dcx: ***** Service initialised

Explanation

Recommended Action No action is required.

Error Message DCX_TEST-6-PROCESS_UNINITIALISED: dcx: ***** Proces CANNOT be initialised

Explanation

Recommended Action No action is required.

Error Message DCX_TEST-6-SDWRAPBIND_FAILED: *****dcx: FAILED to Bind SDWrap

Explanation

Recommended Action No action is required.

Error Message DCX_TEST-6-SERVICE_SHUTDOWN: dcx: *****Service shutting down

Explanation

Recommended Action No action is required.

Error Message DCX_TEST-6-SYSMGRHANDSHAKEDONE: dcx: *****Sysmgr Handshake Done

Explanation

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.

DEV CTSDEV_USD Messages

This section contains the DEV CTSDEV_USD messages.

DEV CTSDEV_USD-2

Error Message DEV_CTSDEV_USD-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]).

Recommended Action Please check password configurations and ensure appropriate security modes on this port as well as peer port

Error Message DEV_CTSDEV_USD-2-CTS_FIPS_BYPASS_TEST_FAILED: FIPS bypass test failed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message DEV_CTSDEV_USD-2-CTS_SAP_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-2-CTS_SAP_REKEY_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-2-DBG_INIT_FAILED: Debug Infrastructure Initialization for CTS failed with error([chars])

Explanation CTS failed to initialize with Debug Infrastructure. This may render any debugging facilities of CTS unusable.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for CTS and SDWRAP and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

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

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization for CTS failed with error ([chars])

Explanation CTS failed to initialize with Finite State Machine Infrastructure. This may effect SXP and MACSEC functionality of CTS.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for CTS and SDWRAP and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization for CTS failed with error ([chars])

Explanation CTS failed to initialize with the IPC infrastructure. Due to this failure, the process will be unable to communicate with the system, rendering CTS functionality unusable.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show system internal mts event-history errors

TAC Details Please analyze errors for CTS, MTS and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

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

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

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

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

Explanation Memory allocation for CTS failed. This may affect CTS functionality on the device.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal memory-alerts-log

TAC Details Please analyze mem-stats, errors for CTS in the tech-support and the logging info to determine the time/events after which the failures occurred. Verify if the scale in use is supported in the software

version. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-POST_INIT_FAILED: Post-Initialization tasks for CTS failed with error ([chars])

Explanation CTS failed to initialize databases after basic initialization.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-PSS_INIT_FAILED: PSS Infrastructure Initialization for CTS failed with error ([chars])

Explanation CTS failed to initialize with PSS infrastructure. This may affect CTS functionality.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-RBACL_ENFORCEMENT_FAILED: CTS failed to [chars] SGACL enforcement on [chars] %lu

Explanation CTS failed to enable or disable enforcement of RBACLs on specified vrf or vlan.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-RBACL_LC_INSERT_FAILED: CTS failed to install SGACLs on inserted module [dec]

Explanation CTS failed to program RBACLs for a module after a module reload, VDC reload, or after a module was newly inserted into the chassis or added to the VDC.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-RBACL_TCAM_SPACE_NOT_ENOUGH: Insufficient space left on TCAM for RBACL programming.

Explanation CTS received indication that there is insufficient space left for any further RBACL programming.

Recommended Action Please verify that the RBACL scale has exceeded the supported limits for the forwarding modules in use. If so, remove any un-used RBACLs in order to make space for required ones. Alternatively, please refer to the Trust-sec Configuration Guide for further recommendations.

Error Message DEV CTSDEV_USD-2-RBACL_UNABLE_PARSE_ACE: CTS failed to update IP SGACL [chars] due to error in parsing ACE [chars].

Explanation CTS was unable to parse the ACE substrings in the RBACL with un-identified syntax.

Recommended Action Verify if the ACE substring formats for the ISE and CLI installed RBACLs are supported and correct the syntax if it is unexpected. If the syntax is valid and supported, please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support radius 6. show tech-support aaa

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-2-RBACL_UPDATE_FAILED_TCAM_THRESH: CTS failed to [chars] IP SGACL [chars] due to insufficient TCAM space.

Explanation CTS failed to update SGACL policy hardware affecting all SGT,DGT using this policy and received indication that there is insufficient space left for any further SGACL programming.

Recommended Action Please verify that the RBACL scale has exceeded the supported limits for the forwarding modules in use. If so, remove any un-used RBACLs in order to make space for required ones. Alternatively, please refer to the Trust-sec Configuration Guide for further recommendations.

Error Message DEV CTSDEV_USD-2-RBACL_UPDATE_FAILED: CTS failed to [chars] IP SGACL [chars]

Explanation CTS failed to update/delete RBACL in hardware.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

DEV CTSDEV_USD-3

Error Message DEV CTSDEV_USD-3-CTS_AUTHZ_FAILED: CTS authorization failed on interface: [chars]

Explanation Authorization failure could occur due to policy data receipt failures, policy ACL receipt failures, HW update failures, RBACL failures, fallback or policy failures.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-CTS_AUTHZ_POLICY_FAILED: CTS failed to download policy for peer [chars], sgt [dec]

Explanation CTS Authorization policy download failed

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-CTS_AUTHZ_RBACL_FAILED: CTS failed to install RBACL for peer [chars], sgt [dec]

Explanation CTS installation of RBACL for peer failed

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-CTS_ENVIRONMENT_DATA_DOWNLOAD_FAILURE: CTS failed to download environment data from AAA

Explanation CTS Environment data download from AAA failed. CTS errors should indicate the reasons for failure.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-CTS_POLICY_ACE_DOWNLOAD_FAILURE: CTS failed to download SGACL aces for SGACL [chars]

Explanation CTS received an error response from AAA or was unable to extract a valid response while attempting to download policies.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support aaa 6. show tech-support radius

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-CTS_POLICY_ACE_DOWNLOAD_PARSE_FAILURE: CTS failed to parse SGACL aces for SGACL [chars]

Explanation CTS encountered an error while parsing the response, on downloading SGACL policy definitions.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support aaa 6. show tech-support radius

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-CTS_POLICY_DOWNLOAD_DGT_LIST_PARSE_FAILURE: CTS failed to parse SGACL destination list for SGT=[chars]([dec]).

Explanation CTS encountered an error while parsing source-destination tag list for the specified security tag.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support aaa 6. show tech-support radius

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-CTS_POLICY_DOWNLOAD_SGACL_NAME_PARSE_FAILURE: CTS failed to parse SGACL name for SGT=[chars]([dec]).

Explanation CTS encountered an error while parsing the response on downloading SGACL policies for the specified security tag.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support aaa 6. show tech-support radius

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-CTS_SGT_POLICY_DOWNLOAD_FAILURE: CTS failed to download SGACL for SGT=[chars]([dec]).

Explanation CTS received an error response from AAA or was unable to extract a valid response while attempting to download policies for the specified security tag.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile 5. show tech-support aaa 6. show tech-support radius

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

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

Explanation DOT1X authentication failed on the port.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-RBACL_ENFORCEMENT_FAILED_TCAM_THRESH: CTS failed to [chars] SGACL enforcement on [chars] %lu due to insufficient TCAM space.

Explanation CTS failed to enable or disable enforcement of RBACLs on specified vrf or vlan and received indication that there is insufficient space left for any further SGACL programming.

Recommended Action Please verify that the RBACL scale has exceeded the supported limits for the forwarding modules in use. If so, disable enforcement, remove any un-used RBACLs in order to make space for required ones. Alternatively, please refer to the Trust-sec Configuration Guide for further recommendations.

Error Message DEV CTSDEV_USD-3-RBACL_SGT_DGT_DELETION_FAILED: CTS failed to delete IP SGACL [chars] for SGT=[chars]([dec]) DGT=[chars]([dec]).

Explanation CTS failed to update SGACL in hardware.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-RBACL_SGT_DGT_UPDATE_FAILED_TCAM_THRESH: CTS failed to update IP SGACL [chars] for SGT=[chars]([dec]) DGT=[chars]([dec]) due to insufficient TCAM space.

Explanation CTS failed to update SGACL in hardware for a specific SGT,DGT combination and received indication that there is insufficient space left for any further SGACL programming.

Recommended Action Please verify that the RBACL scale has exceeded the supported limits for the forwarding modules in use. If so, remove any un-used RBACLs in order to make space for required ones. Alternatively, please refer to the Trust-sec Configuration Guide for further recommendations.

Error Message DEV CTSDEV_USD-3-RBACL_SGT_DGT_UPDATE_FAILED: CTS failed to update IP SGACL [chars] for SGT=[chars]([dec]) DGT=[chars]([dec]).

Explanation CTS failed to update SGACL in hardware.

Recommended Action Please collect outputs for show tech-support cts , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support cts 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for CTS to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message DEV CTSDEV_USD-3-SXP_BIND_FAIL: CTS SXP failed to bind to socket [chars]

Explanation Socket bind failed for CTS SXP protocol.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-SXP_CONFIG_MODE_MISMATCH: CTS SXP config mode mis-match with peer [chars] source [chars] during [chars]

Explanation The role announced by the peer for this SXP connection does not match with the local connection configuration. The SXP connection will be restricted from coming up.

Recommended Action Please verify that the connection configuration is consistent on both the peers and correct any inconsistencies.

Error Message DEV CTSDEV_USD-3-SXP_LISTEN_FAIL: CTS SXP failed to listen on global socket.

Explanation Socket Listen failed for CTS SXP protocol.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-3-SXP_UPDATE_MSG_PARSE: Error occurred while parsing the update message on connection for peer [chars], source [chars], vrf [chars]. Reason: [chars]

Explanation An error occurred while parsing SXP update message

Recommended Action Enable 'debug cts sxp', 'debug cts errors' and 'debug cts messages' to get the SXP_UPDATE payload dump. Raise a case with the peer device to fix the payload content.

DEV CTSDEV_USD-4

Error Message DEV CTSDEV_USD-4-CTS_INCOMPAT_PC_CONFIG: Incompatible CTS configuration detected on members of interface [chars].

Explanation This error may be seen when the device is upgraded to a version that enforces port-channel compatibility, and incompatible config exists from the lower version.

Recommended Action Please issue relevant CTS commands directly under the interface port-channel mode in order to have compatible configuration.

Error Message DEV CTSDEV_USD-4-CTS_NETFLOW_LOGGING_UN SUPPORT: Detailed SGACL logging with Netflow sampling for the same flow is not supported. Please enable one or the other to avoid unexpected results.

Explanation Detailed SGACL logging and Netflow cannot be simultaneously supported for traffic flows due to hardware limitations.

Recommended Action Please disable either feature to be able to use the functionality.

Error Message DEV CTSDEV_USD-4-CTS_SXP_BINDING_EXP_DELAY: Expansion of < [chars]/[dec], [dec]> over SXP may cause some delays, due to shorter prefix length.

Explanation Expanding the specified IP-subnet may take some time, due to the relatively short prefix length.

Recommended Action Please wait for the operation to complete.

Error Message DEV CTSDEV_USD-4-CTS_SXP_BINDING_EXP: Binding < [chars]/[dec], [dec]> cannot be expanded. Expanded [dec] and maximum allowed is [dec].

Explanation Given the current network expansion limit configuration and expanded count, the specified prefix cannot be expanded.

Recommended Action Increase the network expansion limit configured or delete other expanded subnet-sgt bindings and re-configure required bindings.

Error Message DEV CTSDEV_USD-4-CTS_SXP_INTF_IP_CHANGE: Interface IP has changed, this may cause adverse effect on SXP functionality.

Explanation Interface whose IP has been configured to be used as the SXP node ID has had a change in IP when SXP is enabled. This might affect SXPV4 loop detection functionality.

Recommended Action Please ensure SXP is in a disabled state prior to making IP configuration changes.

Error Message DEV CTSDEV_USD-4-CTS_SXP_NODE_ID_CHG: SXP Node ID changed from [hex] to [hex].

Explanation SXP Node ID has changed.

Recommended Action Ensure that the SXP bindings for the old node ID have been deleted from the binding databases on all SXP nodes.

Error Message DEV CTSDEV_USD-4-CTS_SXP_ROUTER_ID_CHANGE: Router ID has changed, this may cause adverse effect on SXP functionality.

Explanation Router ID is used as the SXP node ID when one is not configured. Changes to this, when SXP is enabled might affect SXPV4 loop detection functionality.

Recommended Action Please ensure SXP is in a disabled state prior to making IP configuration changes.

Error Message DEV CTSDEV_USD-4-SXP_CONFIG_VER_MISMATCH: CTS SXP config version mismatch with peer [chars] source [chars] during [chars]. [chars]

Explanation SXP peer is running an SXP protocol version different from the locally supported max version. The SXP protocol version for this connection will now be negotiated.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-4-SXP_CONN_STATE_CHG_OFF: CTS SXP connection state for peer [chars] source [chars] changed to off

Explanation SXP connection with peer has transitioned to OFF state and peer details have been cleaned up.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-4-SXP_CONN_STATE_CHG_ON: CTS SXP connection state for peer [chars] source [chars] changed to on

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-4-SXP_INTERNAL_FAIL: Internal failure in CTS SXP operations.

Explanation One or more SXP protocol specific operations failed for CTS.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-4-SXP_OPEN_MSG_PARSE : CTS SXP sending error after parsing open message on connection for peer [chars] source [chars] due to [chars]

Explanation CTS SXP parsed the open message received from peer and detected issues with connection bringup due to bad message or failure in negotiation.

Recommended Action Please verify that the connection configuration is consistent on both the peers and correct any inconsistencies.

Error Message DEV CTSDEV_USD-4-SXP_RX_INVALID_SGT: CTS SXP received reserved or invalid sgt [dec] from peer [chars] source [chars]

Explanation CTS received invalid or reserved in update message over SXP from peer.

Recommended Action Locate the configuration on the speaker and modify the SGT.

Error Message DEV CTSDEV_USD-4-SXP_RX_UNKNOWN_MSG_TYPE: CTS SXP protocol received unknown message type [dec] from peer [chars] source [chars]

Explanation CTS received unexpected or unsupported message type from peer over SXP.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-4-SXP_RX_UNKNOWN_OPC_TYPE: CTS SXP received unknown opcode type [dec] from peer [chars] source [chars]

Explanation CTS received unexpected opcode in update message over SXP from peer.

Recommended Action No action is required.

DEV CTSDEV_USD-5

Error Message DEV CTSDEV_USD-5-CTS_AUTHZ_EXPIRED: CTS authorization timer expired on interface: [chars] for peer [chars], sgt [dec]

Explanation Re-authorization timer for CTS expired

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_AUTHZ_RBACL_COLLISION: RBACL downloaded from ISE for SGT=[chars]([dec]), DGT=[chars]([dec]) matches RBACL [chars] configured via CLI.

Explanation RBACL downloaded from ISE matches a pre-existing RBACL configured via CLI. The device assigns higher priority to CLI configured RBACLs over ISE downloaded ones and will ignore the RBACL from ISE.

Recommended Action Un-configure the CLI configured RBACL and refresh the RBACL in order to download and use the RBACL from ISE.

Error Message DEV CTSDEV_USD-5-CTS_AUTHZ_SUCCESS: CTS authorization succeeded on interface: [chars] for peer [chars], sgt [dec]

Explanation Authorization succeeded and RBACL was installed successfully.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_ENVIRONMENT_DATA_RENEWED: Environment data download for CTS successfull

Explanation CTS renewed environment data

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_ENVIRONMENT_EXPIRY_TIMER: CTS Enviroment data timer expired

Explanation CTS Environment data wait timer expired

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_INIT: CTS Initialization: [chars]

Explanation CTS initialization tasks are in progress.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_IP_SGT_MAP_DELETE: IP-SGT binding deleted for [chars] on [chars] %lu

Explanation CTS received a deletion for an IP-SGT binding.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-CTS_IP_SGT_MAP_UPDATE: [chars] assigned SGT [chars]

Explanation CTS received an update for an IP-SGT binding.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-SXP_DEFAULT_SRC_IP_RESET: CTS SXP default source IP address reset from [chars] to [chars]

Explanation Default source IP configuration has been deleted for SXP protocol.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-5-SXP_DEFAULT_SRC_IP_SET: CTS SXP default source IP address changed from [chars] to [chars]

Explanation Default source IP has been configured for SXP protocol.

Recommended Action No action is required.

DEV CTSDEV_USD-6

Error Message DEV CTSDEV_USD-6-CTS_COA_UPDATE_FROM_ISE: System upgrade is in progress, hence ignoring CoA update received from ISE. The environment-data and the SGACL policies will be refreshed automatically once the upgrade is complete.

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-CTS_FIPS_BYPASS_TEST_PASSED: FIPS bypass test passed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-CTS_SAP_REKEY_MODULE_UPGRADE: SAP rekey has been triggered for interface [chars] but the corresponding module is undergoing upgrade, hence the rekey could be safely ignored once.

Explanation .

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-SXP_CONN_PURGED: CTS SXP connection purged: vrf [dec], peer: [chars]

Explanation SXP connection with peer has been purged.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-SXP_DEFAULT_PASSWORD_RESET: Default password for CTS SXP protocol has been reset

Explanation Default password configuration for SXP has been deleted and reset.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-SXP_DEFAULT_PASSWORD_SET: Default password has now been configured for CTS SXP protocol.

Explanation Default encrypted/un-encrypted password has been configured for SXP protocol.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-SXP_STATE_CHANGE: CTS SXP protocol is [chars]

Explanation SXP protocol is now in enabled or disabled state.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-6-SXP_VRF_DEL: CTS SXP connection [chars], [chars]: removed due to vrf [dec] delete

Explanation SXP connection with peer has been deleted due to deletion of VRF for that connection.

Recommended Action No action is required.

DEV CTSDEV_USD-7

Error Message DEV CTSDEV_USD-7-CTS_PACE: [chars]

Explanation Reporting Task pacing information for specific SGT-DGT pairs.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-CTS_PPF_RBACL_ENABLE: [chars]

Explanation Reporting CTS RBACL Enablement Tasks and states.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-CTS_PPF_SESS_STATE: [chars] CTS PPF Session id [dec] ([hex])

Explanation CTS PPF Session state reports.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-CTS_PPF_SGT_DGT: [chars] CTS rbacl [chars] sgt [dec] dgt [dec]

Explanation PPF Processing state information for CTS SGACLs.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-CTS_PPF: [chars]

Explanation CTS PPF Library Initialization tasks in progress.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-CTS_SAL: CTS: [chars]

Explanation CTS interactions with SAL in progress.

Recommended Action No action is required.

Error Message DEV CTSDEV_USD-7-SGT_MAP_INIT: CTS: [chars]

Explanation CTS database initialization tasks in progress.

Recommended Action No action is required.

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.

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.

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.

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.

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.

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 action is required.

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 action is required.

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 action is required.

DEVICE_TEST Messages

This section contains the DEVICE_TEST messages.

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] [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-DEVICE_TEST_PWR_MGMT_BUS_MOD_FAILURE: Power Management Bus access failure from Supervisor slot [dec] to Linecard slot [dec]

Explanation Online diagnostics device test detected failure but no action taken

Recommended Action No action is required.

Error Message DEVICE_TEST-2-DEVICE_TEST_PWR_MGMT_BUS_SUP_FAILURE: Power Management Bus access failure on Supervisor slot [dec]

Explanation Online diagnostics device test detected failure but no action taken

Recommended Action No action is required.

Error Message DEVICE_TEST-2-DEVICE_TEST_PWR_MGMT_BUS_SUP_SUP_FAILURE: Power Management Bus access failure from Supervisor slot [dec] to Supervisor slot [dec]

Explanation Online diagnostics device test detected failure but no action taken

Recommended Action No action is required.

Error Message DEVICE_TEST-2-DEVICE_TEST_PWR_MGMT_BUS_XBAR_FAILURE: Power Management Bus access failure from Supervisor slot [dec] to Xbar slot [dec]

Explanation Online diagnostics device test detected failure but no action taken

Recommended Action No action is required.

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

Explanation Online diagnostics EOBC test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-FABRIC_FAILURE_DETECTED_AGGR: Module [dec] has failed test [chars] [dec] times due to error [chars] [dec] ACTION: power down module

Explanation Online diagnostics device test detected faulty fabric card

Recommended Action No action is required.

Error Message DEVICE_TEST-2-FABRIC_FAILURE_DETECTED: Module [dec] has failed test [chars] [dec] times due to error [chars] [dec] ACTION: Attempt to recover by reloading module, power down module after three tries

Explanation Online diagnostics device test detected faulty fabric card

Recommended Action No action is required.

Error Message DEVICE_TEST-2-FAILURE_DETECTED_NO_ACTION: Module [dec] has failed test [chars] [dec] times but no action taken due to [chars]

Explanation Online diagnostics device test detected failure but no action taken

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-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.

Error Message DEVICE_TEST-2-MODULE_FAILURE_DETECTED_AGGR: Module [dec] has failed test [chars] [dec] times due to error [chars] ACTION: power down module

Explanation Online diagnostics device test detected module failure

Recommended Action No action is required.

Error Message DEVICE_TEST-2-MODULE_FAILURE_DETECTED: Module [dec] has failed test [chars] [dec] times due to error [chars] ACTION: Attempt to recover by reloading module, power down module after three tries

Explanation Online diagnostics device test detected module failure

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.

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

Explanation Online diagnostics OBFL test has failed

Recommended Action No action is required.

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.

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-SUP_FAILURE_DETECTED_NO_ACTION: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. Supervisor switchover failed due to [hex]

Explanation Times due to faulty supervisor. Error:[chars]. Supervisor switchover failed due to [hex]

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SUP_FAILURE_DETECTED: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. ACTION: Doing supervisor switchover

Explanation GOLD test detected a faulty supervisor. Doing Switchover to recover

Recommended Action No action is required.

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

Explanation Online diagnostics PCIe xbar tet 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-ACT2_AUTH_FAIL : ACT2 test has failed on module [dec] with error : [chars]

Explanation ACT2 authentication for the module has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-3-ACT2_SPROM_READ_FAIL : SPROM read failed : [chars]

Explanation ACT2 test for the module has failed. The error is : [chars]

Recommended Action No action is required.

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.

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-LC_TEST_FAIL: Module-id([dec]): [chars] has failed

Explanation Test on this particular LineCard failed

Recommended Action No action is required.

Error Message DEVICE_TEST-5-LC_TEST_PASS: Module-id([dec]): [chars] has completed successfully

Explanation Test on this particular LineCard completed successfully

Recommended Action No action is required.

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.

Error Message DEVICE_TEST-5-RT_PSS_OP_FAILURE: DiagClient PSS operation failed

Explanation

Recommended Action No action is required.

Error Message DEVICE_TEST-5-TEST_FAILURE_EXCESS: Module-id([dec]): [chars] has failed more [dec] times

Explanation A test has failed more than configured allowed limit

Recommended Action No action is required.

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_SUP Messages

This section contains the DEV_LOG_SUP messages.

DEV_LOG_SUP-3

Error Message DEV_LOG_SUP-3-ERROR: [chars]

Explanation Dev_log_sup encountered an error

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-SLOT#-2

Error Message DFTM-SLOT#-2-DFTM_INTF_NOT_FOUND: Interface [chars] not found in DFTM database [chars]

Explanation DFTM database doesn't have the interface.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_INVALID_FTAG_NUM: DFTM received invalid number of FTags [dec] from M2RIB

Explanation DFTM recvd invalid number of FTags from M2RIB.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_INVALID_INTF_NUM: DFTM has invalid number of interfaces [dec] in the DB

Explanation DFTM has invalid number of interfaces in the DB.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_PC_NUM_MEMB_INVALID: DFTM received invalid number of PC members [dec] from ELTM

Explanation DFTM recvd invalid number of PC members from ELTM.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_VLAN_NOT_FOUND: VLAN [dec] not found in DFTM database [chars]

Explanation DFTM database doesn't have the VLAN.

Recommended Action No action is required.

DFTM-SLOT#-3

Error Message DFTM-SLOT#-3-DFTM_BDDDB_PROG_FAILED: DFTM failed to program BDDDB Entry

Explanation DFTM failed to program BDDDB Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_BDT_PROG_FAILED: DFTM failed to program BD Table Entry

Explanation DFTM failed to program BD Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_LAYER: Invalid Port Layer Received for interface: [chars]

Explanation Invalid Port Layer Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_MODE: Invalid Port Mode Received for interface: [chars]

Explanation Invalid Port Mode Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_TYPE: Invalid Port Type Received for interface: [chars]

Explanation Invalid Port Type Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_TYPE_ERROR: Failed to get type for interface: [chars]

Explanation Failed to get type for the interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_INVALID_ACCESS_VLAN: DFTM received change in access vlan ([dec] to [dec]) while [chars] was up in DB

Explanation DFTM received change in access vlan while interface was up in DB

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_INVALID_PRIM_SEC_VLAN_REQ: DFTM received prim-sec request for a non-existing sec vlan [dec] on primary [dec]

Explanation DFTM recvd prim-sec vlan mapping request for a non-existing sec vlan on prim vlan

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_L2L3CT_PROG_FAILED: DFTM failed to program L2L3 Consistency Table Entry

Explanation DFTM failed to program L2L3 Consistency Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_MFT_PROG_FAILED: DFTM failed to program Multicast FTag Table Entry

Explanation DFTM failed to program Multicast Ftag Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_SDT_PROG_FAILED: DFTM failed to program SGT DGT Table Entry

Explanation DFTM failed to program SGT DGT Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_VTT_PROG_FAILED: DFTM failed to program VLAN Translation Table Entry for vlan [dec], xlt_vlan [dec] on fe [dec]

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 Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support aclqos show tech-support sal

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-2-DHCP_SNOOP_Q_FULL: [chars]

Explanation DHCP Snoop process Queue receiveing packets from netstack is full[chars]

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show system internal mts sup sap 361 queue_stats show system internal mts buffers summary show system internal mts event-history errors

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-2-DHCP_SNOOP_Q_HIGH: [chars]

Explanation DHCP Snoop process Queue receiveing packets from netstack is high[chars]

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show system internal mts sup sap 361 queue_stats show system internal mts buffers summary show system internal mts event-history errors

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-2-HWPGMFAILURE: Hardware programming has failed: [chars]

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

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support aclqos

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

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 Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-2-PSSERROR: [chars]

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

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

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

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

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

DHCP_SNOOP-3

Error Message DHCP_SNOOP-3-ASSERTION_FAILED: [chars]:[dec]

Explanation DHCP Snoop process has hit an assert condition at file [chars] line number [dec]

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-IPV6APIINIT_FAILED: [chars]

Explanation DHCP Snoop process failed to do ipv6_api_init [chars]

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-3-IPV6REGISTER_FAILED: [chars]

Explanation DHCP Snoop process failed to do ipv6_register [chars]

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-3-MTSError: [chars]

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

Recommended Action Collect required_info then try unconfigure and reconfigure of feature dhcp and contact TAC with collected required_info if problem occurs. The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-3-PKTDROP: Packet dropped. Reason - [chars]

Explanation Dropping the packet. [char] identifies the reason.

Recommended Action Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support pktmgr

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

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

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

Recommended Action Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support pktmgr

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

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

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

Recommended Action Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support pktmgr

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

Error Message DHCP_SNOOP-3-SETSOCKOPTFAIL: Failed to set socket option - [chars]

Explanation Failed to set socket option [char] identifies the reason.

Recommended Action Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support sockets

TAC Details The collected information is used for internal diagnosis. Raise a DDTS and attach all the needed information to the DDTS.

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 Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support sockets

TAC Details The collected information is used for internal diagnosis. Raise a DDTs and attach all the needed information to the DDTs.

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 Collect required_info and contact TAC with collected required_info The collected information is used for internal diagnosis.

Required Info Output of clis: show tech-support dhcp show tech-support sockets

TAC Details The collected information is used for internal diagnosis. Raise a DDTs and attach all the needed information to the DDTs.

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-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-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.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXIPADDR: Smart relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SMARTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which smart relay supported [chars] identifies the interface. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXLMT: Smart relay MAX limit [dec] reached. All subsequent DHCP packets will be relayed with primary address of inbound interface as relay agent address.

Explanation Smart relay MAX limit reached. [dec] is the number of smart relay bindings This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SUBNETBCASTRELAYMAXIPADDR: subnet-broadcast relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SUBNETBCASTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which subnet-broadcast relay supported [chars] identifies the interface. This is an informational message.

Recommended Action No action is required.

DHCP_SNOOP-5

Error Message DHCP_SNOOP-5-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-5-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-5-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-5-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-5-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.

Error Message DHCP_SNOOP-5-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.

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-DHCPBINDSYNC: Binding entry with MAC [chars] interface [chars] VLAN [dec] IP address [chars] and lease time [dec] secs is synced.

Explanation Binding entry identified by [chars] has been synced. [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-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-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.

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 Source Guard is disabled on a given interface. [chars] is the intf-ID string that identifies the interface. 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 Source guard is enabled on a given interface. [chars] is the intf-ID string that identifies the interface. 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-OPT82INSTFAIL: [chars] [chars]

Explanation Insertion of Option82 suboptions failed. [chars] tells the failure. [chars] explains the reason for failure. 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 Bootup Test has reported

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-DIAG_HM_FAIL: Module Health Monitoring Test has failed consecutively times due to error Please use 'show diagnostic result ' 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-2-EEM_ACTION_HM_SHUTDOWN: Test has been disabled as a part of default EEM action

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PER_PORT_TEST_FAIL: Module Test has failed consecutived times on Ports due to error Please use 'show diagnostic result ' to see test results

Explanation Per Port Test has failed on the above all ports

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PSS_READ_FAILURE: Read from PSS failed on Module

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

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGCLIENT-3

Error Message DIAGCLIENT-3-ONDEMAND_FAIL_EXCESS: Module Test has failed more than 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

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.

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_ONDEMAND_TEST_FINISH: Module [dec]: Ondemand test [chars] finished

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_ONDEMAND_TEST_START: Module [dec]: Ondemand test [chars] started

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_ONDEMAND_TEST_STOP: Module [dec]: Ondemand test [chars] stopped

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_SCHED_COMPLETE: Module Test has completed Scheduled Testing

Explanation A scheduled Test was completed

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_FAIL: Module Test has failed in Test_Iteration

Explanation The specified test has reported FAILURE in this Iteration

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_SUCCESS: Module Test has completed successfully in Test_Iteration

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-GSYNC_FAILED: Gsync failed due to fetal error, exiting

Explanation Gsync failed due to fetal error, process state not stable enough to continue

Recommended Action No action is required.

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

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message DIAGMGR-2-PSS_WRITE_FAILURE: Write to PSS failed on Module

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGMGR-3

Error Message DIAGMGR-3-DIAG_MAJOR_DEFECT: Module Test detected a Major Error Please use 'show diagnostic result ' 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 Test detected a Minor Error Please use 'show diagnostic result ' 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: Received 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.

Error Message DIAGMGR-4-DISRPT_TST_START: Starting Test on Module 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

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:

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 in Module 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 for Module

Explanation Health Monitoring Test started

Recommended Action No action is required.

Error Message DIAGMGR-5-HM_STOP: Disabling health monitoring test for Module

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 test

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 user 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

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 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 : 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.

Error Message DIAGMGR-6-BOOTUP_TEST_STARTED: Module : 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-FABRIC_FAILURE_DETECTED_AGGR: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty fabric [dec]. Error:[chars]. ACTION: power down fabric

Explanation GOLD test detected a faulty fabric card

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-FABRIC_FAILURE_DETECTED: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty fabric [dec]. Error:[chars]. ACTION: Attempt recovery by reloading fabric, power down fabric after three tries

Explanation GOLD test detected a faulty fabric card

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-FAILURE_DETECTED_NO_ACTION: Module:[dec] Test:[chars] failed [dec] consecutive times. No action taken due to [chars]

Explanation GOLD test failed but no action possible

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-FIPS_RANDOM_ERROR: Random Number Generation Failure

Explanation Random Number generation failed in FIPS module

Recommended Action No action is required.

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

Explanation Internal PortLoopback test failed on the module consecutively

Recommended Action No action is required.

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] [chars] Error:[chars]

Explanation PortLoopback test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-PORT_FAILURE_DETECTED: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty port(s):[chars] Error:[chars]. ACTION: Error disabling ports

Explanation GOLD test detected faulty ports. Error disabling failed ports

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.

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

Explanation Rewrite Engine Loopback test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-SNAKE_TEST_LOOPBACK_TEST_FAIL: Module:[dec] Test:SnakeLoopback failed [dec] consecutive times. Faulty module:[chars] [chars] Error:[chars]

Explanation Snake test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-SUP_FAILURE_DETECTED_NO_ACTION: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. Supervisor switchover failed due to [hex]

Explanation Times due to faulty supervisor. Error:[chars]. Supervisor switchover failed due to [hex]

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-SUP_FAILURE_DETECTED: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. ACTION: Doing supervisor switchover

Explanation GOLD test detected a faulty supervisor. Doing Switchover to recover

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.

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-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_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.

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.

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 of-fline`

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-4

Error Message `DIAG_PORT_LB-4-MTS_LIB_ERROR: [chars]([dec]) [chars]. Warning:[chars]`

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-4-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.

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#-2

Error Message DMM-SLOT#-2-DMM_LOG: [chars]

Explanation Temp main log

Recommended Action No action is required.

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.

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.

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.

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.

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-AUTH_SUCCESS: Authorization successfull Dot1x authentication on interface [chars]

Explanation Dot1x successfull authentication

Recommended Action No action is required.

Error Message DOT1X-3-AUTH_SUCCESS: Authorization successfull Dot1x authentication on interface [chars]

Explanation Dot1x successfull authentication

Recommended Action No action is required.

Error Message DOT1X-3-DOT1X_ENABLE_STATIC_MAC_FOUND: Static mac found on an interface [chars], dot1x enable failed in ethpm pre-cfg

Explanation Dot1x is not supported on an interface which is configured with static mac entries

Recommended Action Remove the static mac entry on the interface

Error Message DOT1X-3-DOT1X_ENABLE_STATIC_MAC_FOUND: Static mac found on an interface [chars], dot1x enable failed in ethpm pre-cfg

Explanation Dot1x is not supported on an interface which is configured with static mac entries

Recommended Action Remove the static mac entry on the interface

Error Message DOT1X-3-ERR_SPANDST: Dot1x can not be enabled on [chars]. 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-ERR_SPANDST: Dot1x can not be enabled on [chars]. 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: Dot1x Interface parameter is 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-INVALID_INPUT: Dot1x Interface parameter is 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: Memory was not available to 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-MEM_UNAVAIL: Memory was not available to 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: Dot1x is not supported on [chars] port [chars].

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-NOT_DOT1X_CAPABLE: Dot1x is not supported on [chars] port [chars].

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-SECURE_MAC_INSERT_FAILED: Mac address [chars] could not be secured on interface [chars]

Explanation The interface specified in the error message could not secured supplicant mac. The port has been Error disabled.

Recommended Action Mac address could not be added into mac address table. Enter the shutdown followed by no shutdown command to restart authentication on the port.

Error Message DOT1X-3-SECURE_MAC_INSERT_FAILED: Mac address [chars] could not be secured on interface [chars]

Explanation The interface specified in the error message could not secured supplicant mac. The port has been Error disabled.

Recommended Action Mac address could not be added into mac address table. Enter the shutdown followed by no shutdown command to restart authentication on the port.

Error Message DOT1X-3-SECURITY_VIOLATION: 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 shutdown followed by no shutdown command to restart the port.

Error Message DOT1X-3-SECURITY_VIOLATION: 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 shutdown followed by no shutdown command to restart the port.

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

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

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-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_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-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-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-PSEC_ON_PCM: Interface [chars] is a member port or portchannel interface with port security configuration

Explanation Dot1x is not supported on member ports or port channel with port security configuration

Recommended Action Remove port security configuration on the member port or port channel interface

Error Message DOT1X-4-PSEC_ON_PCM: Interface [chars] is a member port or portchannel interface with port security configuration

Explanation Dot1x is not supported on member ports or port channel with port security configuration

Recommended Action Remove port security configuration on the member port or port channel interface

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-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

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

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_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-DOT1X_ENABLED: dot1x Enabled

Explanation Dot1x Service Enabled

Recommended Action No action is required.

Error Message DOT1X-5-DOT1X_NOTIF: [chars]

Explanation Dot1x Notification

Recommended Action No action is required.

Error Message DOT1X-5-DOT1X_NOTIF: [chars]

Explanation Dot1x Notification

Recommended Action No action is required.

Error Message DOT1X-5-INVALID_EAPOL: Invalid EAPOL packet formation for type [dec] packet body length [dec] interface [chars] MTU [dec]

Explanation 802.1X received invalid EAPOL packet

Recommended Action Verify source of EAPOL packets

Error Message DOT1X-5-INVALID_EAPOL: Invalid EAPOL packet formation for type [dec] packet body length [dec] interface [chars] MTU [dec]

Explanation 802.1X received invalid EAPOL packet

Recommended Action Verify source of EAPOL packets

Error Message DOT1X-5-INVALID_MAC: Invalid MAC address(drop, zero, 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-INVALID_MAC: Invalid MAC address(drop, zero, 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-PAC_STATUS: PAC provisioning for the server [chars] through the vrf [chars] [chars]

Explanation PAC provisioning status

Recommended Action No action is required.

Error Message DOT1X-5-PAC_STATUS: PAC provisioning for the server [chars] through the vrf [chars] [chars]

Explanation PAC provisioning status

Recommended Action No action is required.

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_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.

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.

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.

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.

DOT1X-6

Error Message DOT1X-6-NOT_DOT1X_CAPABLE_SAT_FABRIC: Dot1x is not supported on [chars] port [chars].

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

Error Message DOT1X-6-NOT_DOT1X_CAPABLE_SAT_FABRIC: Dot1x is not supported on [chars] port [chars].

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

DPP_DEBUG Messages

This section contains the DPP_DEBUG messages.

DPP_DEBUG-2

Error Message DPP_DEBUG-2-DPP_CRIT: DPP [ID=[dec]] encountered the following error: [chars]

Explanation DPP with given ID generated a critical 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.

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 pwnn query

Recommended Action Dpvm overwrite-duplicate-pwnn

DPVM-3

Error Message DPVM-3-DB_ERR: [chars]

Explanation An error occurred during an 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 an 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

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.

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.

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.

DT_HELPER Messages

This section contains the DT_HELPER messages.

DT_HELPER-2

Error Message DT_HELPER-2-MALLOC_FAILURE: Memory allocation failed

Explanation GOLD Test Helper process could not allocate memory

Recommended Action No action is required.

EDC_USD Messages

This section contains the EDC_USD messages.

EDC_USD-3

Error Message EDC_USD-3-EDC_MSG1: [chars]

Explanation EDC log message

Recommended Action No action is required.

EEM_ACTION Messages

This section contains the EEM_ACTION messages.

EEM_ACTION-0

Error Message EEM_ACTION-0-EMERG: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-1

Error Message EEM_ACTION-1-ALERT: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-2

Error Message EEM_ACTION-2-AVL_CREATE_FAIL: [chars]([dec]): AVL Tree creation failure

Explanation Event Manager Action syslog

Recommended Action No action is required.

Error Message EEM_ACTION-2-CRIT: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-3

Error Message EEM_ACTION-3-ERR: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-4

Error Message EEM_ACTION-4-WARN: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-5

Error Message EEM_ACTION-5-NOTIF: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-6

Error Message EEM_ACTION-6-INFORM: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

EEM_ACTION-7

Error Message EEM_ACTION-7-DEBUG: [chars]

Explanation Event Manager Action syslog

Recommended Action No action is required.

ELE_ACLQOS Messages

This section contains the ELE_ACLQOS messages.

ELE_ACLQOS-6

Error Message ELE_ACLQOS-6-ELECTRA_ACLQOS_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ELE_MAC Messages

This section contains the ELE_MAC messages.

ELE_MAC-6

Error Message ELE_MAC-6-ELECTRA_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ELE_MISC Messages

This section contains the ELE_MISC messages.

ELE_MISC-6

Error Message ELE_MISC-6-ELECTRA_MISC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ELE_PHY Messages

This section contains the ELE_PHY messages.

ELE_PHY-6

Error Message ELE_PHY-6-ELECTRA_PHY_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ELTMC Messages

This section contains the ELTMC messages.

ELTMC-2

Error Message ELTMC-2-MAX_PORT_PER_VLAN: Hit max ports per vlan [dec] count [dec]

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Required Info Collect output of show tech-support vlan

TAC Details Currently only 3000 ports are supported per VLAN

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.

Required Info No action is required.

TAC Details Collect output of show system internal eltmc hardware resource utilization and show system internal eltmc hardware resource table

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.

Required Info No action is required.

TAC Details Wrong interface or interface type.Procure eltmc intf related outputs from LC show system internal eltmc event-history errors

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.

Required Info Collect output of show tech-support eltm detail vdc-all

TAC Details Interface not found in the vdc. Collect show iftmc output from the LC

Error Message ELTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars] in vdc [dec]

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.

Required Info Collect output of show tech-support ethpm and show tech-support pixm

TAC Details LTL might have been deleted by pixm before interfaces are removed

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.

Required Info Collect output of show tech-support sysmgr and show tech-support eltm

TAC Details Shared PSS for the interfaces might not be opened

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.

Required Info Collect output of show tech-support sysmgr and show tech-support eltm detail vdc-all

TAC Details LDB allocation failed for the interface

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.

Required Info Collect output of show tech-support sysmgr and show tech-support eltm detail vdc-all

TAC Details LDB allocation failed for the interface

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_REALLOC_FAIL_INTF: Failed to realloc L2 LIF entries in forwarding engine for interface [chars]

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface. ISSU failed for certain interfaces

Recommended Action No action is required.

Required Info Collect output of show tech-support vdc and show tech-support eltm detail vdc-all

TAC Details During pre-ISSU 4K available space may not have been available in the lower LDB region

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.

Required Info Collect output of show tech-support eltm detail vdc-all

TAC Details Invalid ILM index. Collect output of show system internal eltmc hardware capacity module

Error Message ELTMC-SLOT#-2-ELTMC_LDB_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for interface [chars] for non-XL linecard

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Shutdown the interfaces

Recommended Action No action is required.

Required Info Collect output of show tech-support eltm detail vdc-all

TAC Details LDB allocation failed due to scaling limits reached. check config

Error Message ELTMC-SLOT#-2-ELTMC_LTL_ISSUE_EXT_COMP: Critical LTL clean-up issue (either ETHPM/PIXM) [chars]

Explanation LTL didnt get cleaned-up either bcos of ETHPM not sending DELETE or PIXM issuing a duplicate LTL

Recommended Action No action is required.

Required Info Collect output of show tech-support pixm and show tech-support ethpm

TAC Details No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_NONXL_LDB_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for certain interfaces for non-XL linecard

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Shutdown the interfaces

Recommended Action No action is required.

Required Info Collect output of show tech-support eltm detail vdc-all

TAC Details LDB allocation failed due to scaling limits reached. check config

Error Message ELTMC-SLOT#-2-ELTMC_PVLAN_XLT_ADD_FAIL: Failed to apply translation table add [chars]

Explanation ELTM Failed to apply vlan translation table on an interface add

Recommended Action No action is required.

Required Info Collect output of show tech-support eltm detail vdc-all and show tech-support vlan

TAC Details Collect output of show system internal eltmc hardware capacity module <> and check the VLAN translation program on the interface using show system internal eltmc info interface <>

Error Message ELTMC-SLOT#-2-ELTMC_PVLAN_XLT_DEL_FAIL: Failed to apply translation table del [chars]

Explanation ELTM Failed to apply vlan translation table on an interface del

Recommended Action No action is required.

Required Info Collect output of show tech-support vlan and show tech-support eltm detail

TAC Details Vlan translated on the port being removed from the port-channel is not deleted

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.

Required Info Collect output of show tech-support vlan

TAC Details VLAN status not fetched correctly

Error Message ELTMC-SLOT#-2-ELTMC_VDC_LIF_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for vdc [dec]. Reload VDC after config reduction

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Remove the interfaces and then reload VDC

Recommended Action No action is required.

Required Info Collect output of show tech-support eltm detail vdc-all

TAC Details Check config. Scaling limits might have been reached for the system

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.

Required Info Collect output of show tech-support vlan

TAC Details Failed to insert VLAN in DB

ELTM Messages

This section contains the ELTM messages.

ELTM-2

Error Message ELTM-2-ELTM_INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm detail

Explanation ELTM hit a internal error. Collect show tech-support eltm detail for futher analysis.

Recommended Action No action is required.

TAC Details ELTM hit a internal error. Collect show tech-support eltm detail for futher analysis.

Error Message ELTM-2-ELTM_INTF_INTERNAL_ERROR: Internal interface error: [chars]:[chars], collect output of show tech-support eltm detail

Explanation ELTM hit a interface internal error. Either interface type is not supported for this operation or Interface type returned is wrong Collect show tech-support eltm detail for futher analysis.

Recommended Action No action is required.

TAC Details ELTM hit a interface internal error. Either interface type is not supported or Interface type returned is wrong Collect show tech-support eltm detail for futher analysis.

Error Message ELTM-2-ELTM_INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars], collect show tech-support eltm detail

Explanation ELTM database doesn't have the interface. Collect show tech-support eltm detail for further analysis.

Recommended Action No action is required.

TAC Details ELTM database doesn't have the interface. Either interface was not created or ELTM didn't create it properly Collect show tech-support eltm detail for further analysis.

Error Message ELTM-2-ELTM_INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]

Explanation ELTM doesn't support the interface for the specified operation Collect show tech-support eltm detail for further analysis.

Recommended Action No action is required.

TAC Details ELTM doesn't support the interface for the specified operation Collect show tech-support eltm detail for further analysis.

Error Message ELTM-2-ELTM_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 Collect show tech-support eltm detail and pixm, pixmc tech-support for further analysis.

Recommended Action No action is required.

TAC Details ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine Collect show tech-support eltm detail and pixm, pixmc tech-support for further analysis.

ELTM-3

Error Message ELTM-3-ELTM_CONSISTENCY_ERROR: ELTM consistency check failed for [chars]

Explanation ELTM data consistency check on SUP and line card failed for interface. Collect show tech-support eltm detail for further analysis.

Recommended Action No action is required.

TAC Details ELTM data consistency check on SUP and line card failed for interface. Collect show tech-support eltm detail for further analysis.

Error Message ELTM-3-ELTM_OTV_FEATURE_FAIL: ELTM failed to handle feature OTV for : [chars]

Explanation Error in ELTM while handling feature OTV request from OIM Collect show tech-support eltm detail, OTV and OIM tech-support for futher analysis.

Recommended Action No action is required.

TAC Details ELTM encountered an error while handling feature OTV request from OIM Collect show tech-support eltm detail, OTV and OIM tech-support for futher analysis.

ELTM-5

Error Message ELTM-5-ELTM_EXT_COMP_ERR: [chars] component error [chars]

Explanation Recently applied Multicast config on the interface was unsuccessful, so reverting to the old state (before config) Collect show tech-support eltm detail for futher analysis.

Recommended Action No action is required.

TAC Details Recently applied Multicast config on the interface was unsuccessful in ELTM So reverting to the old state (before config) Collect show tech-support eltm detail for futher analysis.

ELTM-6

Error Message ELTM-6-ELTM_MTS_SEND_FAILED: Failed to send MTS message errno %#x opcode [dec]

Explanation ELTM Failed to send MTS message errno [hex] opcode [dec]

Recommended Action No action is required.

TAC Details ELTM Failed to send MTS message. Collect show tech-support eltm detail for futher analysis.

Error Message ELTM-6-ELTM_SVI_LIF_NOT_PRESENT: [chars]:[chars], collect output of show tech-support eltm/vlan/interface-vlan

Explanation ELTM encountered a mismatch between SVI and vlan-mgr when trying to bringup SVI. Collect show tech-support eltm detail, vlan, interface-vlan tech-support for further analysis.

Recommended Action No action is required.

TAC Details ELTM encountered a mismatch between SVI and vlan-mgr when trying to bringup SVI. Collect show tech-support eltm detail, vlan, interface-vlan tech-support for further analysis.

ENERGYWISE Messages

This section contains the ENERGYWISE messages.

ENERGYWISE-3

Error Message ENERGYWISE-3-MEM_UNAVAIL: Memory was not available to perform the energywise action.

Explanation Insufficient system memory is available to perform the Energywise actions.

Recommended Action Reduce other system activity to ease memory demands. If conditions warrant, upgrade to a larger memory configuration.

ENERGYWISE-5

Error Message ENERGYWISE-5-ENERGYWISE_DISABLED: ENERGYWISE Disabled

Explanation ENERGYWISE Service Disabled

Recommended Action No action is required.

Error Message ENERGYWISE-5-ENERGYWISE_ENABLED: ENERGYWISE Enabled

Explanation ENERGYWISE Service nabled

Recommended Action No action is required.

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_LIC_EXPIRED: NAC Disabled due to License Expiry

Explanation NAC Disabled due to License Expiry

Recommended Action No action is required.

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.

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.

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.

Error Message EOU-7-EOU_ENABLED_INTF: eou enabled on interface [chars]

Explanation Eou service enabled on interface

Recommended Action No action is required.

EPLD_AUTO Messages

This section contains the EPLD_AUTO messages.

EPLD_AUTO-2

Error Message EPLD_AUTO-2-AUTO_UPGRADE_CHECK: Automatic EPLD upgrade check for module [dec]: [chars]

Explanation Automatic upgrade pre upgrade notice.

Recommended Action SYSLOGDOC_NO_ACTION

Error Message EPLD_AUTO-2-AUTO_UPGRADE_ENDED: Automatic EPLD Upgrade completed for module [dec]

Explanation Automatic upgrade of module completed.

Recommended Action SYSLOGDOC_NO_ACTION

Error Message EPLD_AUTO-2-AUTO_UPGRADE_STARTED: Automatic EPLD Upgrade started for module [dec]

Explanation Automatic upgrade of module started.

Recommended Action SYSLOGDOC_NO_ACTION

Error Message EPLD_AUTO-2-AUTO_UPGRADE_STATUS: [chars]

Explanation Automatic upgrade status notice.

Recommended Action SYSLOGDOC_NO_ACTION

EPLD_UPGRADE Messages

This section contains the EPLD_UPGRADE messages.

EPLD_UPGRADE-2

Error Message EPLD_UPGRADE-2-ACTIVE_SINGLE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec].

Explanation Install all epld does not upgrade Active Supervisor in a switch with a single supervisor.

Recommended Action SYSLOGDOC_NO_ACTION

Error Message EPLD_UPGRADE-2-ACTIVE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec]. Please do a switchover and upgrade the EPLDs on module [dec].

Explanation Install all epld did not upgrade Active Supervisor.

Recommended Action SYSLOGDOC_NO_ACTION

Error Message EPLD_UPGRADE-2-MAIN_PROCESS_START: EPLD Upgrade started.

Explanation Automatic upgrade of module started.

Recommended Action SYSLOGDOC_NO_ACTION

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

Error Message EPP-5-EPP_TRUNK_PROTOCOL_STATUS: epp trunk protocol is [chars] on switch

Explanation Epp trunk protocol enabled/disabled on the switch

Recommended Action No action is required.

ETH-QOS Messages

This section contains the ETH-QOS messages.

ETH-QOS-2

Error Message ETH-QOS-2-QOSMGR_DCBXP_PFC_CMP_FAIL_MSG: [chars] - qos config [chars] not compatible with the peer

Explanation Port_id [chars] has qos config [chars] which is incompatible with the peer.

Recommended Action No action is required.

Error Message ETH-QOS-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.

Error Message ETH-QOS-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 ETH-QOS-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 ETH-QOS-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 ETH-QOS-2-QOSMGR_NETWORK_QOS_POLICY_CHANGE: Policy [chars] is now active

Explanation [chars] is the new active network-qos policy

Recommended Action No action is required.

Error Message ETH-QOS-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 ETH-QOS-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.

ETH-QOS-3

Error Message ETH-QOS-3-QOSMGR_CONFIG_ERROR: Configuration error: [chars].

Explanation Configuration error. [chars] is the reason.

Recommended Action No action is required.

Error Message ETH-QOS-3-QOSMGR_NVDC_PPF_ERROR: PPF verify/commit failed in vdc [dec] error: [hex] for global qos command

Explanation For global qos command, PPF verify/commit failed in vdc [dec] with reason [hex].

Recommended Action No action is required.

Error Message ETH-QOS-3-QOSMGR_PPF_ERROR: PPF library error: [chars].

Explanation PPF library errors. [chars] is the reason.

Recommended Action No action is required.

ETH-QOS-4

Error Message ETH-QOS-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 ETH-QOS-4-QOSMGR_POLICIES_PRESENT_ON_DELETED_VLANS: Some VLANs (id: [chars]) which are getting deleted now are still having qos service-policy attached. These policies will be effective only when the VLANs get created again.

Explanation VLAN(s) [chars] is(are) getting deleted now. This is an informational message to notify that qos service-policies are present when the vlan is deleted. If the service-policies are not needed, please detach them from the vlans

Recommended Action No action is required.

Error Message ETH-QOS-4-QOSMGR_PPF_WARNING: PPF library warning: [chars].

Explanation PPF library warning. [chars] is the reason.

Recommended Action No action is required.

Error Message ETH-QOS-4-QOSMGR_WARNING_MSG: [chars] [dec]

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

Recommended Action No action is required.

ETH-QOS-6

Error Message ETH-QOS-6-QOSMGR_DCBXP_CMP_FAIL_MSG: [chars] - qos config [chars] not compatible with the peer

Explanation Dcbxp warning: Port_id [chars] has qos config [chars] which is incompatible with the peer.

Recommended Action No action is required.

Error Message ETH-QOS-6-QOSMGR_STATUS: QOSMGR Status: [chars].

Explanation QOSMGR status is reported as [chars].

Recommended Action No action is required.

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_MISCONFIG: MAC Addresses present exceed the allowed number of MAC addresses on Port [chars]. Fix the inconsistency on this port.

Explanation MAC Addresses present exceed the allowed number of MAC addresses.

Recommended Action No action is required.

Error Message ETH_PORT_SEC-2-ETH_PORT_SEC_MISCONFIG: MAC Addresses present exceed the allowed number of MAC addresses on Port [chars]. Fix the inconsistency on this port.

Explanation MAC Addresses present exceed the allowed number of MAC addresses.

Recommended Action No action is required.

Error Message ETH_PORT_SEC-2-ETH_PORT_SEC_REGMAC_ADD_FAIL: Unable to add regmac [chars] for since it is already registered for

Explanation Duplicate regmac detected

Recommended Action No action is required.

Error Message ETH_PORT_SEC-2-ETH_PORT_SEC_REGMAC_ADD_FAIL: Unable to add regmac [chars] for since it is already registered for

Explanation Duplicate regmac detected

Recommended Action No action is required.

Error Message ETH_PORT_SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION: Triggered violation [chars] on Port [chars]

Explanation Violation action triggered on port due to security violation.

Recommended Action No action is required.

Error Message ETH_PORT_SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION: Triggered violation [chars] on Port [chars]

Explanation Violation action triggered on port due to security violation.

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_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_INVALID_VLAN: Invalid VLAN configuration

Explanation Invalid VLAN configuration

Recommended Action No action is required.

Error Message ETH_PORT_SEC-3-ETH_PORT_SEC_PKTSENDFAIL: Failed to send packet, - [chars]

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

Recommended Action No action is required.

Error Message ETH_PORT_SEC-3-ETH_PORT_SEC_PKTSENDFAIL: Failed to send packet, - [chars]

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

Recommended Action No action is required.

Error Message ETH_PORT_SEC-3-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.

Error Message ETH_PORT_SEC-3-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.

Error Message ETH_PORT_SEC-3-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.

Error Message ETH_PORT_SEC-3-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.

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_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_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.

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.

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_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 if_index: [hex]

Explanation Eth_port_sec Service Disabled

Recommended Action No action is required.

Error Message ETH_PORT_SEC-5-ETH_PORT_SEC_DISABLED: eth_port_sec Disabled on if_index: [hex]

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_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 if_index:[hex]

Explanation Eth_port_sec Service Enabled

Recommended Action No action is required.

Error Message ETH_PORT_SEC-5-ETH_PORT_SEC_ENABLED: eth_port_sec Enabled on if_index:[hex]

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_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.

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.

Error Message ETH_PORT_SEC-5-ETH_PORT_SEC_INITFAIL: Eth Port Security Initialization failed: [chars]

Explanation Eth Port Security Initialization failed.[chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ETH_PORT_SEC-5-ETH_PORT_SEC_INITFAIL: Eth Port Security Initialization failed: [chars]

Explanation Eth Port Security Initialization failed.[chars] explains the reason for the failure.

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.

EVMC-3

Error Message EVMC-3-MTS_OPERATION_FAILED: [chars]([dec]): [chars]

Explanation Internal IPC operation failed in Event Manager Client

Recommended Action No action is required.

EVMC-4

Error Message EVMC-4-ACTION_CFG_MONITOR_COLLECT: [chars]([dec]): Action configuration disallowed for Monitor Collect Policy

Explanation Configuring Policy Action for Monitor Collect Policy is not allowed and hence, has been rejected

Recommended Action No action is required.

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 not access HA store

Recommended Action No action is required.

EVMED Messages

This section contains the EVMED messages.

EVMED-2

Error Message EVMED-2-EVMED_PSS_DELETE_FAILURE: Delete from PSS failed

Explanation Delete from PSS failed

Recommended Action No action is required.

Error Message EVMED-2-EVMED_PSS_WRITE_FAILURE: Write to PSS failed

Explanation Write to PSS failed

Recommended Action No action is required.

EVMED-5

Error Message EVMED-5-EVMED_DISABLED: Event Detectors Disabled

Explanation Event manager event detector service disabled

Recommended Action No action is required.

Error Message `EVMED-5-EVMED_ENABLED: Event Detectors Enabled`

Explanation Event manager event detector service enabled

Recommended Action No action is required.

EVMS Messages

This section contains the EVMS messages.

EVMS-2

Error Message `EVMS-2-EVMS_LOGGING_NO_DOWNGRADE: WARNING: Any modification to an already existing applet will result in losing the applet during downgrade`

Explanation Any modification to an already existing applet will result in losing the applet during downgrade

Recommended Action No action is required.

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.

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.

EVMS-6

Error Message EVMS-6-EVMS_LOGGING_NO_SPACE: logflash full, so deleting first event archive file

Explanation As the logflash is full, first of the present event archive files is deleted

Recommended Action No action is required.

EXAMPLE_TEST Messages

This section contains the EXAMPLE_TEST messages.

EXAMPLE_TEST-5

Error Message EXAMPLE_TEST-5-EXAMPLE_TEST_DISABLED: EXAMPLE_TEST Disabled

Explanation EXAMPLE_TEST Service Disabled

Recommended Action No action is required.

Error Message EXAMPLE_TEST-5-EXAMPLE_TEST_ENABLED: EXAMPLE_TEST Enabled

Explanation EXAMPLE_TEST Service nabled

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.

EX_SYSLOG Messages

This section contains the EX_SYSLOG messages.

EX_SYSLOG-0

Error Message EX_SYSLOG-0-EMER_MSG: Emergency Message - [dec]

Explanation A Dummy emergency message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-1

Error Message EX_SYSLOG-1-ALERT_MSG: Alert Message - [chars] [dec]

Explanation A Dummy alert message to test syslogd from ex_syslog. [chars] is the a dummy text. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-2

Error Message EX_SYSLOG-2-CRIT_MSG: Critical Message - [dec]

Explanation A Dummy critical message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-3

Error Message EX_SYSLOG-3-ERR_MSG: Error Message - [dec]

Explanation A Dummy error message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-4

Error Message EX_SYSLOG-4-WARNING_MSG: Warning Message - [dec]

Explanation A Dummy warning message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-5

Error Message EX_SYSLOG-5-NOTICE_MSG: Notice Message - [dec]

Explanation A Dummy notice message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-6

Error Message EX_SYSLOG-6-INFO_MSG: Info Message - [dec]

Explanation A Dummy info message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-7

Error Message EX_SYSLOG-7-DEBUG_MSG: Debug Message - [dec]

Explanation A Dummy debug message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

F16_CMN_USD Messages

This section contains the F16_CMN_USD messages.

F16_CMN_USD-6

Error Message F16_CMN_USD-6-F16_CMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_FWD_USD Messages

This section contains the F16_FWD_USD messages.

F16_FWD_USD-2

Error Message F16_FWD_USD-2-F16_FWD_CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_FWD_USD-6

Error Message F16_FWD_USD-6-F16_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_MAC_USD Messages

This section contains the F16_MAC_USD messages.

F16_MAC_USD-3

Error Message F16_MAC_USD-3-F16_MAC_ERR_MSG: [chars]

Explanation Error log message

Recommended Action No action is required.

F16_MAC_USD-4

Error Message F16_MAC_USD-4-SLOWPORT_WARNING: [chars]

Explanation Slowport detected

Recommended Action No action is required.

F16_MAC_USD-6

Error Message F16_MAC_USD-6-F16_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_QUE_USD Messages

This section contains the F16_QUE_USD messages.

F16_QUE_USD-6

Error Message F16_QUE_USD-6-F16_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_XBAR_USD Messages

This section contains the F16_XBAR_USD messages.

F16_XBAR_USD-6

Error Message F16_XBAR_USD-6-F16_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F32FWD_USD Messages

This section contains the F32FWD_USD messages.

F32FWD_USD-2

Error Message F32FWD_USD-2-F32_FWD_CRC_ERR: [chars]

Explanation F32_FWD received packet(s) with CRC error

Recommended Action No action is required.

Error Message F32FWD_USD-2-F32_FWD_CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F32FWD_USD-6

Error Message F32FWD_USD-6-F32_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F32MAC Messages

This section contains the F32MAC messages.

F32MAC-2

Error Message F32MAC-2-F32_MAC_CRC_ERR: [chars]

Explanation F32_MAC received packet(s) with CRC error

Recommended Action No action is required.

F32MAC-3

Error Message F32MAC-3-F32_MAC_ERR_MSG: [chars]

Explanation Error log message

Recommended Action No action is required.

F32MAC-4

Error Message F32MAC-4-SLOWPORT_WARNING: [chars]

Explanation Slowport detected

Recommended Action No action is required.

F32MAC-6

Error Message F32MAC-6-F32_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F32QUE_USD Messages

This section contains the F32QUE_USD messages.

F32QUE_USD-3

Error Message F32QUE_USD-3-F32_QUE_CRC_ERR: [chars]

Explanation CRC Error message

Recommended Action No action is required.

Error Message F32QUE_USD-3-F32_QUE_IFB_INIT_ERR: IFB block initialization failed : [chars]

Explanation IFB block initialization Error message

Recommended Action No action is required.

Error Message F32QUE_USD-3-F32_QUE_IPA_INIT_ERR: IPA block initialization failed : [chars]

Explanation IPA block initialization Error message

Recommended Action No action is required.

Error Message F32QUE_USD-3-F32_QUE_IQM_INIT_ERR: IQM block initialization failed : [chars]

Explanation IQM block initialization Error message

Recommended Action No action is required.

F32QUE_USD-6

Error Message F32QUE_USD-6-F32_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message F32QUE_USD-6-F32_QUE_IFB_NON_SOM_TIMER_INTR: Packets have been in normal Q more than NON_EMPTY_NORMALQ_TIME

Explanation SOM informational message

Recommended Action No action is required.

Error Message F32QUE_USD-6-F32_QUE_IFB_SOM_TIMER_INTR: Packets have been in SOM Q more than NON_EMPTY_SOMQ_TIME

Explanation SOM informational message

Recommended Action No action is required.

F32XBAR_USD Messages

This section contains the F32XBAR_USD messages.

F32XBAR_USD-2

Error Message F32XBAR_USD-2-F32_XBAR_CRC_ERR: [chars]

Explanation F32_XBAR received packet(s) with CRC error

Recommended Action No action is required.

F32XBAR_USD-6

Error Message F32XBAR_USD-6-F32_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FABRIC-ACCESS Messages

This section contains the FABRIC-ACCESS messages.

FABRIC-ACCESS-2

Error Message FABRIC-ACCESS-2-AUTHENTICATED: [chars] is successfully authenticated to server [chars]

Explanation [chars] is successfully authenticated to the fabric access server [chars].

Recommended Action No action is required.

Error Message FABRIC-ACCESS-2-CONN_FAIL: [chars] [chars] connection failure to server [chars] with JID = [chars] Status = [chars]

Explanation User/Device [chars] Connection failure to the fabric access server [chars].

Recommended Action No action is required.

Error Message FABRIC-ACCESS-2-CONN_STATUS: [chars] [chars] connection [chars] to server [chars] with state [chars]

Explanation The specified user or device [chars] has a connection success/failure to the fabric access server [chars].

Recommended Action In case of failure, check if such user/device account is valid on the server database

Error Message FABRIC-ACCESS-2-DISCONNECTED: [chars] is disconnected from server [chars]

Explanation [chars] is disconnected from the fabric access server [chars].

Recommended Action No action is required.

Error Message FABRIC-ACCESS-2-GROUP_NOT_PERSIST: [chars] is not created as persistent type due to server issue. Please try to create it again. Use show fabric-access internal group-config to retrieve the room configuration.

Explanation Due to a server error, the specified XMPP [chars] chat room is not created as a persistent room. It will be destroyed after the last member of the group exits the room or after the server reboots. The user will need to try again to have a persistent room created or accept the behavior as described for non-persistent room.

Recommended Action No action is required.

Error Message FABRIC-ACCESS-2-GROUP_SUBSCRIPTION: [chars] [chars] group [chars] [chars]

Explanation [chars] subscribed to/unsubscribed from group [chars] [chars]

Recommended Action No action is required.

Error Message FABRIC-ACCESS-2-PING_FAIL: Keep Alive to server [chars] failure, network failure, disconnect all the connections.

Explanation The fabric-access process has failed the keep-alive ping to the specified XMPP server [chars]. All connections will be disconnected

Recommended Action Please check to see if the server is down.

Error Message FABRIC-ACCESS-2-SERVER_SHUTDOWN: [chars] server is shutdown, all connections will be closed.

Explanation The local switch has received a shutdown message from the specified XMPP server [chars]. All fabric-access connections will be closed.

Recommended Action Please check to see if the server shutdown is intensional.

FABRIC-ACCESS-3

Error Message FABRIC-ACCESS-3-PSSERROR: [chars]

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

Recommended Action No action is required.

FABRIC-ACCESS-5

Error Message FABRIC-ACCESS-5-DISABLED: FABRIC-ACCESS Disabled

Explanation FABRIC-ACCESS Service Disabled

Recommended Action No action is required.

Error Message FABRIC-ACCESS-5-ENABLED: FABRIC-ACCESS Enabled

Explanation FABRIC-ACCESS Service Enabled

Recommended Action No action is required.

FABRICPATH Messages

This section contains the FABRICPATH messages.

FABRICPATH-2

Error Message FABRICPATH-2-FABRICPATH_LINK_BRINGUP_STALLED_STATIC: Link bringup stalled due to conflicts: [chars]

Explanation Interface is disabled due to conflicts

Recommended Action Check show fabricpath conflict all for more details

Error Message FABRICPATH-2-FABRICPATH_REMOTE_CONFLICT: Remote Switch-id conflict with local/remote switch-id [dec] in database. Link bringup might get stalled.

Explanation Conflict between Remote switch-id and switch-id in database

Recommended Action No action is required.

Error Message FABRICPATH-2-FABRICPATH_STATIC_CONFLICT: Remote Static Switch-id conflict with local static switch-id [dec]. Link bringup might get stalled. Conflict resolution is not possible w/o user intervention.

Explanation Conflict between Remote switch-id and local static switch-id in database

Recommended Action No action is required.

FABRICPATH-4

Error Message FABRICPATH-4-FABRICPATH_ES_REMOTE_CONFLICT: Remote ES Switch-id collides with local/remote switch-id [dec] in database

Explanation Conflict between Remote ES switch-id and switch-id in database

Recommended Action Check the Fabricpath switchID database

Error Message FABRICPATH-4-FABRICPATH_INVALID_FTAG: Invalid ftag [dec] received

Explanation Invalid ftag is received from remote

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_INVALID_SWITCH_ID: Invalid switch-id [dec] received

Explanation Invalid switch-id is received from remote

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_LINK_BRINGUP_STALLED: LINK bringup suspended for [chars] due to conflicts

Explanation Link bringup temporarily suspended due to conflicts

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_LOCAL_SWID_UNKNOWN: Local Switch-id is not known to Resource Allocation manager

Explanation Resource Allocation Manager was not able to recover the local switch-id

Recommended Action No action is required.

FABRICPATH-5

Error Message FABRICPATH-5-FABRICPATH_SWID_CHANGED: Switch-id [dec] is assigned with [chars] state

Explanation Local switch-id is changed

Recommended Action No action is required.

FABRICPATH-6

Error Message FABRICPATH-6-FABRICPATH_LINK_BRINGUP_RESOLVE_COLLISION: Resolving Collision for switch-id [dec]

Explanation Resolving Collision for switch-id

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_LINK_BRINGUP_STALLED_CLEARED: LINK bringup cleared for [chars] after collision resolution

Explanation Link bringup temporarily suspended due to conflicts

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_NEW_ES_SWITCH_ID: New Emulated switch-id [chars] received

Explanation New Emulated switch-id received

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_NEW_SWITCH_ID: New switch-id [chars] received

Explanation New switch-id received

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SUSP_LINK_REL_BY_SHUT: Suspended Link [chars] cleared from conflicts database due to link status going DOWN. Conflicts may still show even after conflicting nodes are no longer reachable - see show fabricpath conflict all for details.

Explanation Suspended Link cleared by interface status down but conflicts may not yet be cleared.

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_CONFLICTS: Switch-id [dec] is in conflict with device [chars]

Explanation Local switch-id collision with other device

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_PRI_SEC_CHANGED: Switch-id [dec] is changed to [chars]

Explanation Local switch-id status changed

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_STATE_CHANGED: Switch-id [dec] status changed to [chars]

Explanation Local switch-id status changed

Recommended Action No action is required.

FALCON Messages

This section contains the FALCON messages.

FALCON-SLOT#-2

Error Message FALCON-SLOT#-2-FALCON_EXITED: Falcon exited (syserr = [dec], errno = [dec])

Explanation Falcon exited

Recommended Action No action is required.

FC-REDIRECT Messages

This section contains the FC-REDIRECT messages.

FC-REDIRECT-2

Error Message FC-REDIRECT-2-ACL_ERR_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_TRUNK_PORT_UP: Unable to program trunk port I/F [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION1_V1: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION2_V1: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION2_V2: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected.

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION3: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because of insufficient TCAM resources on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied as Maximum Allowable Configuration Reached on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch or more ISL's are co-located on a single linecard or more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because of insufficient TCAM Resources on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_TRUNK_PORT_UP: Maximum Allowable Configuration Reached, Unable to program trunk port I/F [chars] on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_TRUNK_PORT_UP: Unable to program trunk port I/F [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_ACTIVE_CONFIG: FC-Redirect Active Config Exists. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.2 and lower is not supported, if Active Configs Exist. Hitfull Downgrade for the module is rejected. Please use 'show fc-redirect configs' and remove appropriate configs from the applications

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_PASSIVE_CONFIG: FC-Redirect Configs Exist. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.2 and lower is not supported, if Configs Exist on this switch. Hitful Downgrade for the module is rejected. Before doing a HITFUL downgrade to any version lower than 3.2.1, Please use 'clear fc-redirect decommission-switch'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_V2_CONFIG: FC-Redirect V2 Configs Exist. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.3.1 and lower is not supported, if Version-2 Configs Exist. Hitfull Downgrade for the module is rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL: Hitful Downgrade Rejected.
Reason: [chars]

Explanation FC-Redirect Downgrade to NXOS 4.x or lower is not allowed if the following is true: 1) IVR support is enabled IVR is enabled locally or if FCR app has created some configurations on local switch 2) FCR has some configs for local FPC devices Hitfull Downgrade for the module is rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FLOGI_REJECTED_DEV_ONLINE_WITH_DIFFERENT_FCID: Vsan: [dec], Interface: [chars] on Module [dec], Device PWWN: [chars], Existing fcid: [hex], New_fcid: [hex]

Explanation FC-Redirect Rejected FLOGI request as it already has the pwwn with a different FCID in its database.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FLOGI_REJECTED_FCR_IVR_FLOW_LC1_USED: [chars] [chars], Vsan: [dec], Interface: [chars] on Module [dec], fcr_cfg_vsan: [dec], other_dev_in_flow: [chars] [chars]

Explanation FC-Redirect Rejected FLOGI request as the port is on a Gen-1 Line Card and is part of IVR flow with FC-Redirect configuration in vsan 'fcr_cfg_vsan'.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-INCOMPATIBLE_SWITCH_IN_FABRIC: An Incompatible Switch [chars] added to fabric when FC-Redirect is configured in Version 2 Mode.

Explanation FC-Redirect is Configured in Version 2 Mode. A switch with FC-Redirect version 3.2.x in the fabric is NOT supported in this mode. FC-Redirect has locked the Fabric. No more FC-Redirect configuration changes would be allowed till this switch is disconnected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-IVR_DEV_UP_REJECTED_DEV_ONLINE_WITH_DIFFERENT_FCID: Vsan: [dec], Device PWWN: [chars], Existing fcid: [hex], New_fcid: [hex]

Explanation FC-Redirect Rejected Device UP request from IVR as it already has the pwwn with a different FCID in its database.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-IVR_SUPPORT_ENABLE_REJECTED_IVR_FCR_CFG_ALREADY_EXISTS: Req Src: [chars]

Explanation FC-Redirect service rejected a request to enable support for IVR flows as it received an error when registering with AAM module. FCR config for IVR virtual devices already exists though IVR support is not enabled. This is not supported. Please remove the appropriate FCR application config and retry again.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-IVR_SUPPORT_ENABLE_REJECTED: Req Src: [chars], Error Code: [hex] ([chars])

Explanation FC-Redirect service rejected a request to enable support for IVR flows as it received an error when registering with AAM module.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-NS_BULK_STATUS_ENABLED_CFG_RJT_ERR: Config request rejected for VT: [chars] TGT: [chars] VSAN: [dec] as FCNS Bulk Notify is enabled on this switch.

Explanation FCNS Bulk Notify has been enabled on this switch. This is incompatible with FC-Redirect applications in this version. Please disable FCNS Bulk Notify using the CLI: 'no fcns bulk-notify'.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-NS_BULK_STATUS_ENABLED_FCR_CFG_PRESENT: FC-Redirect configs are incompatible with FCNS Bulk Notify. Please disable FCNS Bulk Notify.

Explanation FCNS Bulk Notify has been enabled on this switch. This is incompatible with FC-Redirect applications in this version. Please disable FCNS Bulk Notify using the CLI: 'no fcns bulk-notify'.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-PCMAP_ERR_TRUNK_PORT_UP: PORT_UP request for first member of Port-channel '[chars]' Failed due to PCMAP Error seen by FC-Redirect

Explanation FC-Redirect encountered a PCMAP Error (Internal Error) when processing PORT_UP request for the first member in port channel. The PORT_UP request was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-TGT_NOT_ATTACHED_TO_FCR_SWITCH: FC-Redirect Configuration vsan: [dec], Tgt: [chars] VT: [chars] - Tgt is online, but not connected to a switch running FC-Redirect.

Explanation FC-Redirect requires that targets must be connected to a switch running FC-Redirect. Please Check Config.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-TRUNK_PORT_UP_REJ_FCR_IVR_FLOW_LC1_USED: Vsan: [dec], trunk port I/F [chars] on Module [dec], dev: [chars], dev_type: [chars], dev_vsan: [dec]

Explanation FC-Redirect Rejected Port Bringup request as the port is on a Gen-1 Line Card and the Vsan is used by FC-Redirect/IVR flow FC-Redirect does NOT support Gen-1 LineCards for IVR virtual devices with FC-Redirect Configuration.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_CFG_CHG_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to change all configurations to Version 2 Mode.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to update all configurations to Version 2 mode. Attempt to configure Version 2 mode Failed. All FC-Redirect switches are now in Error Mode. Please make sure the fabric is stable and retry the Configuration command: 'fc-redirect version2 enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_UNLOCK_V1_TO_V2_DONE_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations after configuring Version 2 Mode.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to unlock FC-Redirect configurations after converting them to Version 2 mode. Attempt to configure Version 2 mode Failed. All FC-Redirect switches are now in Error Mode. Please make sure the fabric is stable and retry the Configuration command: 'fc-redirect version2 enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_UNLOCK_V2_TO_V1_DONE_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations after disabling Version 2 Mode.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to unlock FC-Redirect configurations after disabling Version 2 mode. Attempt to disable Version 2 mode Failed. All FC-Redirect switches are now in Error Mode. Please make sure the fabric is stable and retry the Configuration command: 'no fc-redirect version2 enable'

Recommended Action No action is required.

FC-REDIRECT-3

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_APPL_SW_LOWER_VER: vsan: [dec], Tgt: [chars], VT: [chars], Appl_Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars], appl_sw_ver: [dec]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as the application switch has NXOS lower than 5.x. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command) 3) All IVR enabled switches and FC-Redirect application switches must be running NXOS version 5.x or higher.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_IVR_AAM_NOT_REGISTERED: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as IVR-Support is disabled. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command)

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_IVR_SUPPORT_DISABLED: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as IVR-Support is disabled. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command) 3) All IVR enabled switches and FC-Redirect application switches must be running NXOS version 5.x or higher.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_PRE_CHK_FCR_ERR: Pre-chk request Rejected by FC-Redirect on Peer Switch: Err Sw: [chars], status: [dec] ([chars])

Explanation The Pre-Chk message is currently used when enabling/disabling Version 2 or ivr-support in fc-redirect. An appropriate syserr would be generated for the purpose.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_PRE_CHK_SW_ERR: FC-Redirect did not recv. rsp from Peer switch. Error Switch: [chars], CFS rc: [dec], rsp size: [dec]

Explanation The Pre-Chk message is currently used when enabling/disabling Version 2 or ivr-support in fc-redirect. An appropriate syserr would be generated for the purpose.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_REQ_SEND_ERR: req_type: [dec], req_size = [dec], Error = [dec] ([chars])

Explanation FC-Redirect Failed to send CFS request.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_RSP_SEND_ERR: req_type: [dec], rrtoken = [dec], rsp_size = [dec], error = [dec] ([chars])

Explanation FC-Redirect Failed to send CFS response.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_SEND_REGISTER_ERR: syserr: [hex] ([chars])

Explanation FC-Redirect Failed to send register request to CFS.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected delete_config broadcast as it is in 'Error' state. FC-Redirect configuration is out of sync across the fabric. If this delete_cfg was done to resolve the error state, ignore this error. If not, resolve the conflict that caused the error state and force 'Error_Switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch 'Error_Switch' rejected delete_config broadcast. Ignore this error if this was caused by 'test fc-redirect config sync-with-fabric' command. If not, FC-Redirect configuration is out of sync across the fabric. Please force 'Error_Switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from 'Error_Switch' for delete_cfg CFS broadcast . FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected Config PRE_CHECK broadcast for new_config as it is in 'Error' state. Create Failover Config request from the application was rejected. Please resolve the conflict that caused the error state and force 'error-switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_FCR_ERR: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch 'Error_Switch' rejected Config pre-check broadcast for Create Config. Create_Failover_Config request from application was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_SW_ERR: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from 'Error_Switch' for Config Pre Check CFS broadcast for Create Failover Config. Create Failover Config request was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_CFG_REJECTED_DEFAULT_ZONE_ENTRY_PERMIT: CFG Rejected: Application: [chars], Target: [chars], vsan: [dec]

Explanation FC-Redirect rejected configuration request from the Application as default zone entry for the VSAN is configured as PERMIT. FC-Redirect requires that the default zone entry be DENY for all VSANs with FC-Redirect configuration. FC-Redirect will reject all further FC-Redirect configurations in this vsan till default zone entry is set to DENY. Please set default zone entry to DENY.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_CFS_NEW_CFG_REJECTED_ZONE_DEFAULT_ENTRY_PERMIT: Default Zone Entry is permit in vsan [dec]. New CFG from switch [chars] rejected. App: [chars], tgt: [chars], vt: [chars].

Explanation FC-Redirect requires the default zone entry be configured as DENY for vsans with devices that have FC-Redirect configurations. But the specified vsan has default entry permit. FC-Redirect rejected new cfg request from 'app' on the specified switch. Please change the Default zone entry to DENY for the vsan.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_FC2_UNEXPECTED_FRAME_FRM_AAM: Unexpected FC2 Frame received by FC-Redirect SID: [hex], DID: [hex], VSAN: [dec], IFindex: [chars]

Explanation FC-Redirect received a FC2 frame for some unknown WWN, which it is not expecting. FC-Redirect cannot handle this frame and hence dropping it. This is an internal AAM Error and shouldnt have been forwarded to Fc-Redirect.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_FCR_VIRT_DEV: Vsan: [dec], IVR Virtual Device: [chars], FCR Virtual Dev Type: [chars].

Explanation IVR is trying to bring up a Virtual device whose PWWN is same as FC-Redirect Virtual Device. This is a mis-configuration.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_IVR_SUPPORT_DISABLED: Vsan: [dec], IVR Virtual Device: [chars]

Explanation IVR is trying to bring up a Virtual device. FC-Redirect already has a configuration for that device - But FC-Redirect IVR-Support is currently disabled. This is a mis-Configuration. FC-Redirect IVR-Support must be enabled before configuring FC-Redirect based appliactions to use IVR Virtual devices. FC-Redirect rejected IVR device bring-up. Please delete the relevant application configuration before proceeding further.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_SANITY_ERR: Vsan: [dec], IVR Virtual Device: [chars], Action: [dec].

Explanation IVR is trying to bring up a Virtual device - But the Message has some Sanity Errors. FC-Redirect failed IVR Device Bringup.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_ZONE_DEFAULT_ENTRY_PERMIT: Default zone entry set to PERMIT in vsan [dec]. This vsan has FC-Redirect configs. FC-redirect requires De-fault Zone be DENY. All further FC-Redirect configuration requests in this vsan will be rejected till default zone entry is configured as DENY.

Explanation FC-Redirect requires the default zone entry be configured as DENY for vsans with devices that have FC-Redirect configurations. But the specified vsan has default zone entry configured as permit. FC-Redirect will reject all further FC-Redirect configuration in this vsan till default entry is configured as DENY. Please set default zone entry to DENY.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-GCD_CFS_SW_ERR: CFS Error. Error_Switch: [chars], VT: [chars], CFS swresp_reason_code: [chars]([dec]), swresp_size: [dec], cfs_sanity_error_code: [dec], attempt: [dec]/[dec]

Explanation CFS failure. FC-Redirect moved peer to Error state

Recommended Action No action is required.

Error Message FC-REDIRECT-3-GCS_CFS_SW_ERR: CFS Error. Error_Switch: [chars], CFS swresp_reason_code: [chars]([dec]), swresp_size: [dec], cfs_sanity_error_code: [dec], attempt: [dec]/[dec]

Explanation CFS failure. FC-Redirect moved peer to Error state

Recommended Action No action is required.

Error Message FC-REDIRECT-3-INTERNAL_ERROR: [chars]

Explanation FC-Redirect Encountered an Internal Error.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJECTED_PEER_SW_ERR_STATE: Failed to Disable IVR Support - Error_Switch: [chars], peer_in_err_state: [chars]

Explanation The command 'no fc-redirect ivr-support enable' Failed. FC-Redirect on switch 'Error_Switch' rejected pre-check for IVR Support Disable request as it has one of its peer switches 'peer_in_err_state' in Error state. Please resolve the conflict that caused the error state and force 'error-switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PEER_WITH_CFG_FOR_IVR_VIRT_DEV: Failed to Disable IVR Support - Error_Switch: [chars]

Explanation The command 'no fc-redirect ivr-support enable' Failed. FC-Redirect on switch 'Error_Switch' rejected pre-check for IVR Support Disable request as it has FC-Redirect configuration for IVR Virtual Devices. Please remove the concerned application configuration and retry the command

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PRECHK_CFS_FCR_ERR: Failed to Disable IVR Support - Error_Switch: [chars]

Explanation The command 'no fc-redirect ivr-support enable' Failed. FC-Redirect on switch 'Error_Switch' rejected the pre-chk request.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PRECHK_CFS_SW_ERR: Failed to Disable IVR Support - Error_Switch: [chars]

Explanation The command 'no fc-redirect ivr-support enable' Failed. FC-Redirect on switch 'Error_Switch' did not respond to pre-check for IVR Support Disable request

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_VIRT_DEV_BRINGUP_REJECTED_LC1_ACTIVE: Curr_Vsan: [dec], IVR Virtual Device: [chars], vsan_with_gen1_ISL: [dec]

Explanation IVR is trying to bring up a Virtual device in 'Curr_Vsan' for which FC-Redirect configuration exists on this switch. This is a mis-configuration. FC-Redirect does NOT support ports (FX or ISLs) on Gen-1 Cards if there is configuration for IVR Virtual Devices. Please shut down the gen-1 ports involved in FCR-IVR flows and retry again

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected modify_config broadcast as it is in 'Error' state. FC-Redirect configuration is out of sync across the fabric. Please resolve the conflict that caused the error state and force 'Error_Switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch 'Error_Switch' rejected modify_config broadcast. FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from 'Error_Switch' for modify_cfg CFS broadcast . FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MTS_RSP_SEND_ERR: MTS Opcode: [dec], rrtoken = [dec], rsp_size = [dec], errno = [dec] ([chars])

Explanation FC-Redirect Failed to send MTS response.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected new_config broadcast as it is in 'Error' state. FC-Redirect configuration is out of sync across the fabric. Please resolve the conflict that caused the error state and force 'error-switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch 'Error_Switch' rejected new_config broadcast. FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from 'Error_Switch' for new_cfg CFS broadcast. FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected Config PRE_CHECK broadcast for new_config as it is in 'Error' state. NEW_CONFIG request from the application was rejected. Please resolve the conflict that caused the error state and force 'error-switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch 'Error_Switch' rejected Config pre-check broadcast for Create_Config. Create_config request from application was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_SW_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from 'Error_Switch' for Config Pre Check CFS broadcast for new config. Create Config request was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-REPLACE_VT_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected replace_vt request as it is in 'Error' state. FC-Redirect configuration is out of sync across the fabric. Please resolve the conflict that caused the error state and force 'Error_Switch' to sync with the fabric again using 'test fc-redirect config sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-UNKNOWN_CFS_REQ_ERR: CFS req_type: [dec], Error_Switch: [chars]

Explanation FC-Redirect on switch 'Error_Switch' rejected CFS Request of type 'req_type'.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_ERR_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to abort 'fc-redirect version2 enable' command.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to abort 'fc-redirect version2 enable' command. Attempt to configure Version 2 mode Failed. Please make sure the fabric is stable and retry the Configuration command: 'fc-redirect version2 enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_LOCK_CFS_SW_ERR: Error_Switch: [chars] did not respond to lock FC-Redirect configurations.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for CHG_MODE_LOCK CFS broadcast. Attempt to configure Version 2 mode Failed.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_PRECHK_CFS_SW_ERR: Error_Switch: [chars] did not respond to pre-check request for 'fc-redirect version2 enable' command.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to check if 'fc-redirect version2 enable' command can be executed. Attempt to configure Version 2 mode Failed. Please make sure the fabric is stable and retry the Configuration command: 'fc-redirect version2 enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_UNLOCK_V1_TO_V2_ABORT_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations.

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to unlock FC-Redirect configurations when aborting the attempt to configure Version 2 Mode. Attempt to configure Version 2 mode Failed. Please make sure the fabric is stable and retry the Configuration command: 'fc-redirect version2 enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_UNLOCK_V2_TO_V1_ABORT_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations

Explanation FC-Redirect did not receive a response from 'Error_Switch' for a CFS broadcast to unlock FC-Redirect configurations when aborting the attempt to disable Version 2 Mode. Attempt to disable Version 2 mode Failed. Please make sure the fabric is stable and retry the Configuration command: 'no fc-redirect version2 enable'

Recommended Action No action is required.

FC-REDIRECT-5

Error Message FC-REDIRECT-5-ADD_HOST_APPL_REQ: FC-Redirect Configuration Host added for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars] Host: [chars] Vi: [chars] vsan: [dec]

Explanation Redirect Service requested for the Host / Tgt Pair

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DECOMMISSIONED_SWITCH: FC-Redirect Decommissioned [chars] on Local Switch

Explanation FC-Redirect Service has been decommissioned on this Switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_HOST_APPL_REQ: Service [chars] enabled on Switch [chars] Slot [dec] no longer requires FC-Redirect services for Host [chars] Tgt [chars] pair, vsan: [dec]

Explanation Redirect Service removed for the Host / Tgt Pair

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_APPL_REQ: FC-Redirect Configuration vsan: [dec], Tgt: [chars] VT: [chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec] on application request

Explanation Application has requested this deletion

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_CLI_CLEAR_CFG: FC Redirect Configuration deleted. vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted because of the cli command 'clear fc-redirect config vt'.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_DECOM_SW: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted because FC Redirect on this switch was decommissioned

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_LOCAL_CFG_REQ_FROM_PEER: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch: [chars], Slot: [dec], Peer Switch : [chars].

Explanation FC Redirect Configuration deleted because of request from peer.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_PENDING_DEL: FC Redirect Configuration deleted. vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch: [chars], Slot: [dec], Peer Switch: [chars].

Explanation 'Peer_Switch' had deleted the configuration when it lost connectivity with this switch. Configuration on this switch is now deleted when connection was restored and FC Redirect synced with the Peer_Switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_REMOTE_CFG_REQ: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration created by a peer deleted because of local application request.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_SYNC_UP_WITH_PEER: FC Redirect Configuration deleted.
vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted as the peer switch that created the configuration has deleted it. This happened when FC Redirect synced with the peer switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_TIMEOUT: FC-Redirect Configuration vsan: [dec],
Tgt:[chars] VT:[chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec]
because of Timeout

Explanation Application has not become online within configured timeout value

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_VSAN_DEL: FC-Redirect Configuration Tgt: [chars] VT:
[chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec] because of
VSAN [dec] deletion

Explanation Required Vsan for this configuration deleted in this switch

Recommended Action No action is required.

Error Message FC-REDIRECT-5-INFO: [chars]

Explanation FC-Redirect informational message.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_DISABLED: IVR Support Disabled in FC_Redirect.
Source: [chars]

Explanation Admin has Disabled FC_Redirect support for IVR flows.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_DISABLE_REJECTED: Req Src: [chars], Reason:
[chars]

Explanation FC-Redirect service rejected a request to disable support for IVR flows

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_ENABLED: IVR Support Enabled in FC_Redirect.
Source: [chars]

Explanation Admin has enabled FC_Redirect support for IVR flows.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-REPLACE_VT_APPL_REQ: FC Redirect delete configuration request: vsan: [dec], Tgt: [chars], VT: [chars], Created by Switch: [chars], Slot: [dec], for Service: [chars] requested by app on switch [chars].

Explanation FC Redirect has received a request from local Application to delete a config created by a remote switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_BY_APP: FC-Redirect started Syncing with peers in Fabric because of request by Service [chars]

Explanation A local Service request FC-Redirect to sync FC-Redirect Configuration with the peer switches.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_CLI_CMD: FC-Redirect started Syncing with peers in Fabric on CLI Command

Explanation 'test fc-redirect config sync-with-fabric' command was issued on this switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_REQ_FROM_PEER: FC-Redirect started Syncing with peers in Fabric because of request from peer Switch [chars].

Explanation FC-Redirect on Peer switch requested FC-Redirect to sync FC-Redirect Configuration with peer switches.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_APPL_REQ: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created because of Application Request

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_POWER_UP: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after Power-Up

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_PROCESS_RESTART: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after Process Restart

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_SWITCHOVER: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after SUP Switchover

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 FCMPPLS 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 FCMPPLS 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.

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.

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 FCMPLS 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 Messages

This section contains the FCC messages.

FCC-2

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.

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.

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.

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.

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] 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_SOCKET_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.

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] 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.

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] reason_code_expln [dec]

Explanation An invalid request for domain IDs has been rejected by fcdomain.

Recommended Action Perform [show fcdomain vsan] 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] 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.

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).

Error Message FCDOMAIN-3-MTSSENDREQ_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] in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-MTSSEND_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] 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.

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] to view the entries currently in the table.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries.

Error Message FCDOMAIN-4-SELECTIVE_RESTART_IN_INTEROP: Not all fcdomain optimizations are supported in interop VSANs. Selective-Restart disabled forcefully in VSAN [dec]

Explanation Selective-restart optimization is not supported in interop VSANs and disabled forcefully in affected VSAN

Recommended Action No action is required.

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 static vsan] 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] 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 FCDDOMAIN-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] 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 FCDDOMAIN-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 FCDDOMAIN-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.

Error Message FCDDOMAIN-5-UNKNOWNDOMAININCFBRELEASEREQUEST: 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 FCDDOMAIN-5-UNKNOWNDOMAININUNKNOWNCFSSREQUEST: 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.

FCDDOMAIN-6

Error Message FCDDOMAIN-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-DEVICEALREADYOWNSDIFFERENTFCIDS: The device already owns different FCIDs

Explanation Requested different FCIDs without any freeing in between.

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.

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.

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 static vsan] 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.

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.

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.

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.

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.

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.

FCD Messages

This section contains the FCD messages.

FCD-7

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.

FCNS Messages

This section contains the FCNS messages.

FCNS-2

Error Message FCNS-2-CONGESTION_ISOLATION_DOM_UNREACHABLE: [chars] [dec] not reachable. SWILS for slow device update cannot be sent

Explanation Domain not reachable for cong-isolation update using SWILS

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_EXCLUDE_CFG: Device PWWN [chars] (FCID [chars]) not isolated because it is present in the exclude config.

Explanation Slow device FCID not isolated due to exclude config

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_FAILURE: SWILS-RJT received from domain [dec]([hex]) for congestion-isolation. Issue include CLI/FCNS DB refresh on the remote domain to get the updated slow devices list

Explanation Slow device FCID flows cong-isolation failed

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_INCLUDE_CFG: Device PWWN [chars] (FCID [chars]) isolated because it is present in the include config.

Explanation Slow device FCID already isolated due to include config

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_INT_ERROR: [chars] [chars] [chars]

Explanation Cong-isolation internal error

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_REMOVAL_SUCCESS: Device PWWN [chars] (FCID [chars]) successfully removed from isolation.

Explanation Slow device FCID flows successfully removed from isolation

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_SUCCESS: Slow device PWWN [chars] (FCID [chars]) successfully isolated.

Explanation Slow device FCID flows successfully isolated

Recommended Action No action is required.

Error Message FCNS-2-CONGESTION_ISOLATION_TIMEOUT: SWILS sent to domain [dec]([hex]) for congestion-isolation timed out.

Explanation Slow device FCID flows cong-isolation timeout

Recommended Action No action is required.

Error Message FCNS-2-DB_HARD_LIMIT: : [chars]

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-DB_SOFT_LIMIT: [chars] [dec] [chars]

Explanation Number of FCNS DB entries should not exceed scale soft limit.

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-MGMT_SEC_SDB_ERR: [chars] : [chars]

Explanation Mgmt-security shared-db [chars] : [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 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-NS_EEM_ERROR: [chars]

Explanation EEM Error

Recommended Action No action is required.

Error Message FCNS-2-PORT_NAME_MODIFY: FCID: [chars] Modifying pwnn from [chars] to [chars]. Collect fcns/fcr tech-support and logs

Explanation Port Name for an existing NS entry is being changed

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.

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-MGMT_SEC_RJT: FC CT Managment request rejected: [chars]. command [hex], from FCID [hex]

Explanation Mgmt-security has rejected FC CT mgmt Server query: [chars]. command [hex]. from FCID [hex].

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.

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-MGMT_SERVER_REQ: FCNS received FC CT Mgmt Server [chars]. Command [hex], from FCID [hex]

Explanation FCNS: received management server FC CT [chars]. Command [hex], from FCID [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.

FCOE_MGR Messages

This section contains the FCOE_MGR messages.

FCOE_MGR-2

Error Message FCOE_MGR-2-FCOE_MGR_MODULE_NOT_LICENSED: FCoE Manager Module:[dec] not licensed

Explanation FCOE_MGR Line Card not licensed

Recommended Action No action is required.

Error Message FCOE_MGR-2-FCOE_MGR_PSS_RESTORE_FAILED: FCoE Manager PSS Restore operation failed, error: [chars]

Explanation FCoE Manager PSS Restore operation failed

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_ENF_AUTH_EXPIRED: Smart license - Entitlement Auth period has expired

Explanation Smart license - Entitlement Auth period has expired. Please renew license for FCoE to be fully operational

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_ENF_DISABLED: Smart license - Disabled

Explanation Smart license Disabled. For traditional FCoE module license to work, it needs to be re-installed, reserved

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_ENF_EVAL_EXPIRED: Smart license - Entitlement evaluation period expired

Explanation Smart license - Entitlement evaluation period expired

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_ENF_OUT_COMPLIANCE: Smart license - Entitlement out of compliance

Explanation Smart license - Entitlement out of compliance

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_AUTH_RENEW_FAIL: Smart license - Entitlement auth renew failure

Explanation Smart license - Entitlement auth renew failure

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_CERT_EXPIRED: Smart license - Device registration certificate expired

Explanation Smart license - Device registration certificate expired

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_CERT_OUT_OF_RANGE: Smart license - Registration period in certificate invalid

Explanation Smart license - Registration period in certificate invalid

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_CERT_RENEW_FAIL: Smart license - Certificate renew failure

Explanation Smart license - Certificate renew failure

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_DISABLED: Smart license Disabled. For traditional FCoE module license to work, it needs to be re-installed, reserved

Explanation Smart license Disabled. For traditional FCoE module license to work, it needs to be re-installed, reserved

Recommended Action No action is required.

Error Message FCOE_MGR-2-SL_GLB_REG_FAILED: Smart license - Registration Failure

Explanation Smart license - Registration Failure

Recommended Action No action is required.

FCOE_MGR-3

Error Message FCOE_MGR-3-SL_ENF_INVALID_TAG: Smart license - Entitlement tag invalid

Explanation Smart license - Entitlement tag invalid

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_ENF_INVALID: Smart license - Invalid notification type

Explanation Smart license - Invalid notification type

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_CERT_EXPIRY_WARNING: Smart license - Registration certificate expiry warning

Explanation Smart license - Registration certificate expiry warning

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_CERT_NOT_STARTED: Smart license - Certificate renew not yet started

Explanation Smart license - Certificate renew not yet started

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_COMM_FAILURE: Smart license - Communication failure

Explanation Smart license - Communication failure

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_EVAL_EXPIRED: Smart license - Evaluation period has expired

Explanation Smart license - Evaluation period has expired

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_EVAL_EXPIRY_WARNING: Smart license - Evaluation expiry warning

Explanation Smart license - Evaluation expiry warning

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_EXPORT_CONTROLLED: Smart license - Not allowed to use export controlled features

Explanation Smart license - Not allowed to use export controlled features

Recommended Action No action is required.

Error Message FCOE_MGR-3-SL_GLB_INVALID: Smart license - Invalid notification type

Explanation Smart license - Invalid notification type

Recommended Action No action is required.

FCOE_MGR-4

Error Message FCOE_MGR-4-FCOE_MGR_POWER_WARNING: Platform Mgr warning during port bringup: Power Grid redundancy not available

Explanation Power Grid redundancy will not be available for FCoE ports

Recommended Action No action is required.

FCOE_MGR-5

Error Message FCOE_MGR-5-FCOE_MGR_DISABLED: FCOE_MGR Disabled

Explanation FCOE_MGR Service Disabled

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_ENABLED: FCOE_MGR Enabled

Explanation FCOE_MGR Service Enabled

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_INFO: [chars]

Explanation FCoE Manager general info

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKIN: FCoE Manager License Checkin:[dec]

Explanation FCOE_MGR Line Card license checked in

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKOUT: FCoE Manager License Check-out:[dec]

Explanation FCOE_MGR Line Card license checked out

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_SOLICITATION_FROM_SAME_MAC: FCoE Manager received Multicast Solicitation from same MAC: [chars]

Explanation FCoE Manager received Multicast Solicitation from same MAC

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_VE_DUPLICATE_PEER_MAC: FCoE Manager has already received unicast advertisement from MAC [chars] on a different VE link. Bringing down this link

Explanation FCoE Manager has already received unicast advertisement from same MAC on a different VE link

Recommended Action No action is required.

Error Message FCOE_MGR-5-SL_GLB_ENF_MODE: Smart license - Change in feature enforcement

Explanation Smart license - Change in feature enforcement

Recommended Action No action is required.

FCOE_MGR-6

Error Message FCOE_MGR-6-SL_ENF_EVAL: Smart license - Entitlement in evaluation period

Explanation Smart license - Entitlement in evaluation period

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_ENF_IN_COMPLIANCE: Smart license - Entitlement in compliance

Explanation Smart license - Entitlement in compliance

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_ENF_OVERAGE: Smart license - Entitlement is in overage

Explanation Smart license - Entitlement is in overage

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_AUTH_RENEW_SUCCESS: Smart license - Entitlement auth re-
new success

Explanation Smart license - Entitlement auth renew success

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_CERT_RENEW_SUCCESS: Smart license - Certificate renew
successful

Explanation Smart license - Certificate renew successful

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_COMM_RESTORED: Smart license - Communication restored

Explanation Smart license - Communication restored

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_ENABLED: Glb Enabled

Explanation Glb Enabled

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_REG_SUCCESS: Smart license - Registration success

Explanation Smart license - Registration success

Recommended Action No action is required.

Error Message FCOE_MGR-6-SL_GLB_SYSTEM_CLOCK_CHANGED: Smart license - system clock change

Explanation Smart license - system clock change

Recommended Action No action is required.

FCOE_MGR-7

Error Message FCOE_MGR-7-SL_ENF_INIT: Smart license - Entitlement request pending

Explanation Smart license - Entitlement request pending

Recommended Action No action is required.

Error Message FCOE_MGR-7-SL_ENF_WAITING: Smart license - Waiting for Auth req response

Explanation Smart license - Waiting for Auth req response

Recommended Action No action is required.

Error Message FCOE_MGR-7-SL_GLB_HA_CHASSIS_ROLE: Smart license - HA chassis role change

Explanation Smart license - HA chassis role change

Recommended Action No action is required.

Error Message FCOE_MGR-7-SL_GLB_HA_ROLE: Smart license - HA role change

Explanation Smart license - HA role change

Recommended Action No action is required.

Error Message FCOE_MGR-7-SL_GLB_READY: Smart license - Enabled

Explanation Smart license - Enabled

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 .

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 .

Recommended Action No action is required.

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 .

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 SYSLOGDOC_LICENSE_REQUIRED

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

Explanation .

Recommended Action No action is required.

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

Explanation .

Recommended Action No action is required.

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

Explanation .

Recommended Action No action is required.

Error Message FCSP-MGR-2-SLCRIT: [chars]

Explanation FCSP Smart License Critical: [chars]

Recommended Action No action is required.

FCSP-MGR-3

Error Message FCSP-MGR-3-SLERR: [chars]

Explanation FCSP Smart License Error: [chars]

Recommended Action No action is required.

FCSP-MGR-4

Error Message FCSP-MGR-4-SLWARN: [chars]

Explanation FCSP Smart License Warning: [chars]

Recommended Action No action is required.

FCSP-MGR-6

Error Message FCSP-MGR-6-SLINFO: [chars]

Explanation FCSP Smart License Information: [chars]

Recommended Action No action is required.

FCSP-MGR-7

Error Message FCSP-MGR-7-SLDEBUG: [chars]

Explanation FCSP Smart License Debug: [chars]

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-FCS_MGMT_SEC_SDB_ERR: [chars] : [chars]

Explanation FC CT Mgmt Security shared db operation : [chars] : [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 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.

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-FCS_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation Mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

Recommended Action No action is required.

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_API_ERR: [chars] : [chars]

Explanation An error occurred in send or receive of an MTS message. [chars] indicates the error that occurred and [chars] indicates the error number

Recommended Action Please contact the 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.

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-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.

FCS-6

Error Message FCS-6-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.

Error Message FCS-6-FCS_MGMT_SERVER_REQ: FCS received FC CT Mgmt Server [chars]. Command code [hex], from FCID [hex].

Explanation FC CT request has been received from Management Server. It is [chars]. Command code [hex], from FCID [hex]

Recommended Action No action is required.

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.

FC_MGR IPFC Messages

This section contains the FC_MGR IPFC messages.

FC_MGR IPFC-1

Error Message FC_MGR IPFC-1-DHCP_CLIENT_FAILED: dhcp-client failed to get the ip address

Explanation Dhcp-client failed to get the ip from server, probably due to server lease unavailability or cable disconnectivity .

Recommended Action

FC_MGR IPFC-2

Error Message FC_MGR IPFC-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.

Error Message FC_MGR IPFC-2-CRIT_FAILURE: Failed to [chars]

Explanation A Critical operation has failed during startup of the IP process

Recommended Action Use the 'restart' CLI command to restart the feature and clear this issue. Also check show ip internal event-history log and ipc

TAC Details check the error message in 'show ip internal event-history log/ipc' error message has some recommendation also

Error Message FC_MGR IPFC-2-IP_STARTUP_FAILURE: Failed to [chars] during startup. error [dec]

Explanation A Critical operation has failed during startup of the IP process It could be because of resource allocation failure , client registration is failing etc

Recommended Action Collect show tech-support netstack

TAC Details check the error message in show ip internal event-history log

FC_MGR IPFC-3

Error Message FC_MGR IPFC-3-CV_INIT: Couldn't init cond var [chars]

Explanation IP process failed to initialize conditional-variable resource.

Recommended Action Dump core, then restart component

TAC Details check which thread is erroring out

Error Message FC_MGR IPFC-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action

Error Message FC_MGR 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 FC_MGR IPFC-3-INVALID_IF_INDEX: Invalid interface index received from [dec]

Explanation Invalid interface index received

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

TAC Details check which thread is erroring out and show ip internal event-history log

Error Message FC_MGR IPFC-3-IP_CLNT_FAILURE: Invalid IP registration reply. Message major type [dec], minor type [dec]

Explanation An IP client has failed in the registration process with IP

Recommended Action Check the client and try to restart it if it is not impacting Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

TAC Details check the client and try to restart it. use 'show ip internal event-history log' to find the client name

Error Message FC_MGR IPFC-3-IP_FAILURE: Failed to [chars]

Explanation A Critical operation has failed in the IP 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.

TAC Details something is failing during initialization . check 'show ip internal event-history log/ha/ipc'

Error Message FC_MGR IPFC-3-IP_INTERNAL_ERROR: [chars]

Explanation An internal error has occurred in the IP 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.

TAC Details check the traceback printed and the error message. Try to check the error in 'show ip internal event-history ipc/log/err'

Error Message FC_MGR IPFC-3-IP_NO_BUF: Failed to allocate mbuf [chars]

Explanation The IP process has run out of network 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 FC_MGR IPFC-3-IP_NO_MEM: Failed to allocate private memory for [chars]

Explanation The IP process has run out of private 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 FC_MGR IPFC-3-IP_THR_CREATE: Failed to create [chars] thread. error [dec]

Explanation A failure occurred while creating a thread

Recommended Action Please contact the 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 FC_MGR IPFC-3-IP_UNK_MSG: Unrecognized message major type [dec], minor type [dec]

Explanation An unknown message was received from another 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.

Error Message FC_MGR IPFC-3-MRIB_ADD_ROUTE: MRIB add route failed in [chars] for VRF [chars]

Explanation

Recommended Action IP failed to add route in MRIB.

Error Message FC_MGR IPFC-3-MRIB_DELETE_ROUTE: MRIB delete route failed in [chars] for VRF [chars]

Explanation IP failed to delete route from MRIB.

Recommended Action

Error Message FC_MGR IPFC-3-MV_INIT: Couldn't init mutex [chars]

Explanation IP process failed to initialize mutex system resource.

Recommended Action Dump core, then restart component

TAC Details check which thread is erroring out

Error Message FC_MGR IPFC-3-NO_SHM_MEM: Failed to allocate shared memory [chars]

Explanation The IP process has run out of shared 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 FC_MGR IPFC-3-STATS_ERROR: Failed to get hardware statistics for interface [chars], reason [chars]

Explanation IP could not get the requested statistics from the hardware

Recommended Action

TAC Details check 'show ip internal event-history log'

Error Message FC_MGR IPFC-3-TXLIST_CREATE: Couldn't create txlist for [chars]

Explanation IP failed to create txlist resource.

Recommended Action Dump core, then restart component

Error Message FC_MGR IPFC-3-URIB_ERR: Failed to [chars] urib

Explanation A failure occurred in a transaction with URIB

Recommended Action Check 'show ip internal event-history ipc/static-rt' Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

TAC Details check 'show ip internal event-history ipc' and if it related to static routes then check 'show ip internal event-history static-rt' as well

FC_MGR IPFC-4

Error Message FC_MGR IPFC-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]

Explanation Duplicate address detected for IP address.

Recommended Action

Error Message FC_MGR IPFC-4-DEL_DUP_HOST_WITH_SWITCHNAME: switchname configuration: deleting duplicate entry matching configuring switchname :[chars]

Explanation With switchname config ,we have to delete ip host entries if found matching with switchname

Recommended Action No action is required.

FC_MGR IPFC-6

Error Message FC_MGR IPFC-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message FC_MGR IPFC-6-DHCP_CLIENT_SUCCESS: dhcp_client got ip address:[chars],net-mask:[chars] for mgmt interface,got from server:[chars]

Explanation Dhcp-client is able to get the ip address from server,

Recommended Action No action is required.

Error Message FC_MGR IPFC-6-IM_RECOVER_ERROR: Failed to recover correct information for interface [chars] [dec]

Explanation IP could not recover the info for interface

Recommended Action

TAC Details check 'show ip internal event-history ha'

Error Message FC_MGR IPFC-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 FC_MGR IPFC-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 FC_MGR IPFC-6-IP_UNK_MSG_MAJOR: Unrecognized message from [chars]. Major type [dec]

Explanation An unknown message (major) was received from another 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.

Error Message FC_MGR IPFC-6-IP_UNK_MSG_MINOR: Unrecognized message from [chars]. Minor type [dec]

Explanation An unknown message (minor) was received from another 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.

Error Message FC_MGR IPFC-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 FC_MGR IPFC-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

FDMI Messages

This section contains the FDMI messages.

FDMI-2

Error Message FDMI-2-FDMI_INIT_FAILED: FDMI initialization failed : [chars]

Explanation Fdmi process encountered error while starting

Recommended Action No action is required.

Error Message FDMI-2-FDMI_MGMT_SEC_SDB_ERR: [chars] : [chars]

Explanation FC CT Mgmt Security shared db operation : [chars] : [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 FDMI-2-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation Fdmi process unsuccessfully tried to send a MTS message. MTS error 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 error 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 error code

Recommended Action No action is required.

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: Bad payload([chars]) received in response with command code: [hex]

Explanation Fdmi process received bad payload in response

Recommended Action No action is required.

Error Message FDMI-3-FDMI_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation Mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

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 error

Recommended Action No action is required.

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.

Error Message FDMI-6-FDMI_MGMT_SERVER_REQ: FDMI received FC CT Mgmt Server [chars] Command code [hex], from FCID [hex].

Explanation FC CT request has been received from Management Server. It is [chars]. Command code [hex], from FCID [hex]

Recommended Action No action is required.

FEATURE-MGR Messages

This section contains the FEATURE-MGR messages.

FEATURE-MGR-2

Error Message FEATURE-MGR-2-FM_AUTOCKPT_FAILED: AutoCheckpoint [chars] failed to be created for reason: [chars] ([hex])

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message FEATURE-MGR-2-FM_FEATURE_LICENSE_ERROR: license [chars] checkout failure for [chars], error [hex] ([chars])

Explanation License operation was not successful, check license validity for the feature

Recommended Action Please contact FM team

Error Message FEATURE-MGR-2-FM_FEATURE_OP_GENERIC_ERROR: Service [chars] with uuid [dec] ([hex]) encountered error: [hex] ([chars]). Please contact service owner for details

Explanation Operation was not successful

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FEATURE_OP_TIMEOUT_ERROR: feature [chars] operation failed on response timeout from service: [chars] with uuid ([hex])

Explanation The error seen at FM and service communication

Recommended Action Please contact service owner with given uuid and FM team

Error Message FEATURE-MGR-2-FM_FSET_ADD_CONFHECK_ERROR: failed to add confcheck [hex] ([chars]) at installing feature-set [chars]

Explanation Failed to add confcheck at enabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_CFG_ALLOW_ERROR: Potential vdc_mgr issue: the allow request failed [hex] ([chars])

Explanation Vdc_mgr failed to response the allow request

Recommended Action Please contact FM/vdc_mgr team

Error Message FEATURE-MGR-2-FM_FSET_CKPT_ERROR: Checkpoint issue: failed on checkpoint with error [hex] ([chars]) at feature-set [chars]

Explanation Checkpoint did not response

Recommended Action Please contact FM/vdc_mgr and rollback team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_ERROR: Potential sysmgr issue: disable feature-set [chars] on sup failed with error [hex] ([chars])

Explanation Some issues while disabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_FEATURES_ERROR: features failed to disable at feature-set [chars] with error [hex] ([chars])

Explanation Failed to disable feature at disabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_FEATURES_TIMEOUT: Potential [chars] issue: feature [chars] did not complete its disabling

Explanation Failed to disable feature at disabling feature-set

Recommended Action Please contact FM/sysmgr team and the feature owner

Error Message FEATURE-MGR-2-FM_FSET_INSTALL_ERROR: install feature-set [chars] returns error 0X[hex] ([chars])

Explanation Some issues during install feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_LCS_DISABLE_ERROR: Potential sysmgr issue: disable feature-set [chars] failed on module [dec] with error [hex] ([chars])

Explanation Some issues on the lc while disabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_LCS_ENABLE_ERROR: enabling feature-set [chars] on module [dec] returns error 0X[hex] ([chars])

Explanation Some issue on the lc while enabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_PRESEQ_REJECT: It rejects pre-sequence due to a service with sap [dec]: [chars]

Explanation The message seen when an application rejects feature-set disable request

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_STATE_MISMATCH: Feature-set [chars] state mismatch between active and standby supervisor. Please check the feature-set state on standby supervisor.

Explanation Feature-set state mismatch between active and standby.

Recommended Action Reloading standby is recommended.

Error Message FEATURE-MGR-2-FM_FSET_SUP_ENABLE_ERROR: enabling feature-set [chars] on sup returns error 0X[hex] ([chars])

Explanation Some issues during enabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNGRACEFUL_DISABLE_ERROR: Potential sysmgr issue: ungraceful disable feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while ungraceful disable feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNGRACEFUL_UNINSTALL_ERROR: Potential sysmgr issue: ungraceful uninstall feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while ungraceful uninstall feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNINSTALL_ERROR: Potential sysmgr issue: uninstall feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while uninstall feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_VMM_OP_ERROR: [chars]

Explanation The error seen at FM and VMM interaction

Recommended Action Please contact FM/VMM team

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.

FEATURE-MGR-6

Error Message FEATURE-MGR-6-FM_AUTOCKPT_IN_PROGRESS: AutoCheckpoint [chars]'s creation in progress...

Explanation AutoCheckpoint creation has been requested and it should be in progress

Recommended Action No action is required.

Error Message FEATURE-MGR-6-FM_AUTOCKPT_SUCCEEDED: AutoCheckpoint [chars] created successfully

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message FEATURE-MGR-6-FM_FCOE_AUTOINSTALL_ON_NOT_ISOLA: auto-install feature-set fcoe on non-isola

Explanation Auto-install feature-set fcoe could be done on isola only

Recommended Action Please contact FM team

Error Message FEATURE-MGR-6-FM_FSET_ENABLED_AT_UNINSTALL: Uninstall aborted because feature set is still enabled in vdc [dec]

Explanation Feature set is in enabled state

Recommended Action No action is required.

FEX Messages

This section contains the FEX messages.

FEX-2

Error Message FEX-2-FEX_NOT_ONLINE_SUP_ISSU: FEX [dec] did not come online after SUP ISSU

Explanation FEX did not come online after sup ISSU

Recommended Action TAC may collect sh tech fex all logs during maintenance window

Error Message FEX-2-FEX_NOT_ONLINE_SUP_SWITCHOVER: FEX [dec] did not come online after SUP Switchover.

Explanation Sup Switchover can happen during ISSU or through CLI 'system switchover'.

Recommended Action TAC may collect sh tech fex all logs during maintenance window

Error Message FEX-2-FEX_OFFLINE_WITH_REASON: FEX [dec] has gone OFFLINE because [chars].

Explanation FEX has gone OFFLINE because of the specified reason.

Recommended Action TAC may collect sh tech fex all logs during maintenance window

Error Message FEX-2-FEX_PORT_STATUS_CRIT: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]

Explanation Fex [decimal-digit] changed port status

Recommended Action TAC may collect sh tech fex all logs during maintenance window

Error Message FEX-2-NOHMS_ENV_FEX_OFFLINE: [chars]

Explanation Fex off-line

Recommended Action Show inventory

Error Message FEX-2-NOHMS_ENV_FEX_ONLINE: [chars]

Explanation Fex on-line

Recommended Action Show inventory

Error Message FEX-2-SATMGR_ASYNC_TIMEOUT: Fex [dec] didnt respond to async request on time

Explanation Stop/Start Async notification to fex timed out

Recommended Action TAC may collect sh tech fex all logs during maintenance window

FEX-4

Error Message FEX-4-FEX_SCALING_LIMITS_REACHED: You have exceeded the advisable FEX scaling limits.

Explanation More FEX/FEX ports in the system than recommended by Cisco.

Recommended Action No action is required.

FEX-5

Error Message FEX-5-FEX_DISABLED: FEX Disabled

Explanation FEX Service Disabled

Recommended Action No action is required.

Error Message FEX-5-FEX_ENABLED: FEX Enabled

Explanation FEX Service Enabled

Recommended Action No action is required.

Error Message FEX-5-FEX_OFFLINE: FEX [dec] has gone OFFLINE

Explanation FEX has gone OFFLINE

Recommended Action No action is required.

Error Message FEX-5-FEX_ONLINE: FEX [dec] has come ONLINE

Explanation FEX has come ONLINE

Recommended Action No action is required.

Error Message FEX-5-FEX_PORT_STATUS_NOTIFICATION: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]

Explanation Fex [decimal-digit] changed port status

Recommended Action No action is required.

Error Message FEX-5-PINNING_CHANGED: Fex [dec] pinning information is changed

Explanation Fex pinning information changed

Recommended Action No action is required.

Error Message FEX-5-SATMGR_DISABLE_FAILED: Disabling of feature FEX failed. Please remove FEX related configs from interfaces

Explanation Disabling of FEX feature failed

Recommended Action No action is required.

FIB FCOEFIB Messages

This section contains the FIB FCOEFIB messages.

FIB FCOEFIB-5

Error Message FIB FCOEFIB-5-FCOE_DISABLED: FCOE Disabled

Explanation FCOE Service Disabled

Recommended Action No action is required.

Error Message FIB FCOEFIB-5-FCOE_ENABLED: FCOE Enabled

Explanation FCOE Service nabled

Recommended Action No action is required.

FIB Messages

This section contains the FIB messages.

FIB-SLOT#-0

Error Message FIB-SLOT#-0-EMERG: [chars]

Explanation Fib 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.

FIB-SLOT#-1

Error Message FIB-SLOT#-1-ALERT: [chars]

Explanation Fib 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 FIB-SLOT#-1-HW_RESOURCE: [chars]

Explanation Hardware resources are approaching limit.

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

FIB-SLOT#-2

Error Message FIB-SLOT#-2-CRIT: [chars]

Explanation Fib 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.

FIB-SLOT#-3

Error Message FIB-SLOT#-3-ERR: [chars]

Explanation Fib 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 FIB-SLOT#-3-HW_FAIL: [chars]

Explanation Failed to program route into the hardware.

Recommended Action Please contact the 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 FIB-SLOT#-3-NO_MEM: Out of memory

Explanation Fib 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 FIB-SLOT#-3-SEND_SUP: Cannot talk to supervisor

Explanation Fib to supervisor 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.

FIB-SLOT#-4

Error Message FIB-SLOT#-4-CPU_HOG: Inactive or busy

Explanation Either fib was not scheduled to run, or fib was busy, and fib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debug fib error', then recreate the operation scenario, to find out more details.

Error Message FIB-SLOT#-4-WARN: [chars]

Explanation Fib encountered a possible 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.

FIB-SLOT#-6

Error Message FIB-SLOT#-6-FIB_INFO: [chars]

Explanation Information that a corrective action was taken by FIB

Recommended Action Message is informational only

FICON Messages

This section contains the FICON messages.

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

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

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.

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.

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.

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.

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

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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

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

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.

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.

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

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

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.

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.

Error Message FICON-3-FICON_KEY_COUNTER_RECOVERED: FICON Key counter recovered for VSAN [dec]

Explanation FICON key counter - out of sync and needs to be 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 FICON-3-FICON_KEY_COUNTER_RECOVERED: FICON Key counter recovered for VSAN [dec]

Explanation FICON key counter - out of sync and needs to be 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 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

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

FICON-5

Error Message FICON-5-STARTING: FICON Manager process starting

Explanation FICON Manager process is being started

Recommended Action No action is required.

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-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-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_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.

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.

FIPS Messages

This section contains the FIPS messages.

FIPS-0

Error Message FIPS-0-FIPS_POST_CLEANUP_FAILED: Error cleaning up keys in FIPS mode : [chars]

Explanation FIPS cleanup failed [chars]

Recommended Action NONE*

Error Message FIPS-0-SET_FIPS_MODE_FAILED: Error when setting FIPS mode : [chars]

Explanation FIPS mode failed [chars]

Recommended Action No action is required.

FIPS-6

Error Message FIPS-6-SET_FIPS_MODE: FIPS mode is [chars] for service [chars]

Explanation FIPS mode is changed [chars] [chars]

Recommended Action No action is required.

FLN_EM Messages

This section contains the FLN_EM messages.

FLN_EM-2

Error Message FLN_EM-2-FLN_EM_ERR_MSG: [chars]

Explanation

Recommended Action No action is required.

Error Message FLN_EM-2-PAUSE_MSG: [chars]

Explanation Pause debug log message

Recommended Action No action is required.

FLN_EM-4

Error Message FLN_EM-4-FLN_EM_WRN_MSG: [chars]

Explanation Warning log message

Recommended Action No action is required.

FLN_EM-6

Error Message FLN_EM-6-FLN_EM_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_FCP Messages

This section contains the FLN_FCP messages.

FLN_FCP-6

Error Message FLN_FCP-6-FLN_FCP_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_FWD_USD Messages

This section contains the FLN_FWD_USD messages.

FLN_FWD_USD-2

Error Message FLN_FWD_USD-2-CRIT_MSG: [chars]

Explanation Critical log message

Recommended Action No action is required.

FLN_FWD_USD-6

Error Message FLN_FWD_USD-6-FLN_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_L3 Messages

This section contains the FLN_L3 messages.

FLN_L3-6

Error Message FLN_L3-6-FLN_L3_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_QUE Messages

This section contains the FLN_QUE messages.

FLN_QUE-6

Error Message FLN_QUE-6-FLN_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_XBAR Messages

This section contains the FLN_XBAR messages.

FLN_XBAR-2

Error Message FLN_XBAR-2-FLN_XBAR_FR_CRC: [chars]

Explanation Flanker received packets with CRC error from fabric

Recommended Action No action is required.

FLN_XBAR-6

Error Message FLN_XBAR-6-FLN_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLOGI Messages

This section contains the FLOGI messages.

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]] (pwnn: [chars])
FLOGI rejected - FCID allocation failed with error [hex].

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-INTERFACE_LOGIN_LIMIT: Total number of flogis [dec] on the interface [chars] has reached/exceeded the limit

Explanation The interface flogi threshold limit reached/exceeded

Recommended Action No action is required.

Error Message FLOGI-2-MODULE_LOGIN_LIMIT: Total number of flogis [dec] in module [dec] has reached/exceeded the limit

Explanation The module flogi threshold limit reached/exceeded

Recommended Action No action is required.

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.

Error Message FLOGI-2-SWITCH_LOGIN_LIMIT: Total number of flogis [dec] on the switch has reached/exceeded the limit

Explanation The switch flogi threshold limit reached/exceeded

Recommended Action No action is required.

FLOGI-3

Error Message FLOGI-3-FLOGI_IMPLICIT_DEVICE_LOGOUT: FLOGI/FDISC from PWWN [chars] has been logged out from [chars] because it tried to login on [chars]

Explanation The switch implicitly logged out a device because it tried to login on a different interface

Recommended Action *Please retry the FLOGI/FDISC*

Error Message FLOGI-3-FLOGI_ON_FPORT_CHANNEL_MEMBER: FLOGI from PWWN [chars] has been dropped because it was received on F[chars] member [chars]

Explanation The flogi has been dropped because, it has been received on an fport-channel member interface when the fport-channel is already up

Recommended Action *Remove the member from the port-channel on the local switch or add the member to the port-channel on the remote switch*

Error Message FLOGI-3-FLOGI_REJECTED_DUE_TO_SERVICE_TIMEOUT: FLOGI/FDISC from PWWN [chars] on [chars] has been rejected because [chars] service failed to respond to the request

Explanation The switch received an FLOGI/FDISC, which could not be processed on time because system is busy

Recommended Action *Please retry the FLOGI/FDISC after the system load has reduced*

Error Message FLOGI-3-FLOGI_REJECTED_DUPLICATE_PWWN_IN_FABRIC: FLOGI/FDISC from PWWN [chars] on [chars] has been rejected because name server detected duplicate PWWN in the fabric

Explanation The switch received an FLOGI/FDISC, which has a PWWN value that is already logged in the fabric.

Recommended Action *Please retry the FLOGI/FDISC after the device logged out of the fabric*

Error Message FLOGI-3-FLOGI_REJECTED_DUPLICATE_PWWN_ON_SWITCH: FLOGI/FDISC from PWWN [chars] on [chars] has been rejected because it is already logged in to this switch on [chars]

Explanation The switch received an FLOGI/FDISC, which is already logged in to this switch on a different interface

Recommended Action *Please retry the FLOGI/FDISC after the device logs out of the existing interface*

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 (pwwn: [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_FLOGI_DUPLICATE_WWPN: [VSAN [dec], Interface [chars]] FLOGI (pwwn: [chars]) has been dropped because the host has a duplicate WWPN

Explanation The switch received an FLOGI from the interface, which has a duplicate PWWN value.

Recommended Action No action is required.

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.

FMD Messages

This section contains the FMD messages.

FMD-3

Error Message FMD-3-FMD_CAPTURE_GROUP_LOG_INFO: [chars]

Explanation Capturing Group tech-support for app

Recommended Action No action is required.

Error Message FMD-3-FMD_CAPTURE_LOG_INFO: [chars]

Explanation Capturing tech-support for app

Recommended Action No action is required.

FPOAM Messages

This section contains the FPOAM messages.

FPOAM-4

Error Message FPOAM-4-ENTER_SESSION: [chars]

Explanation Notification of Looback response received for a session.

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_DEST_UNREACH: Received Destination Unreachable notification message from switch id [dec] for switch id [dec].

Explanation Notification received that destination is unreachable

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_INVALID_TLV: Received invalid TLV notification message from switch id [dec] for switch id [dec]

Explanation Notification received of packet with invalid TLV

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_PARAMETER_PROB: Received Parameter problem notification message from switch id [dec] for switch id [dec]

Explanation Notification received of packet with parameter problem

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_TEST_CRC_FAIL: Received test crc failure notification message from switch id [dec] for switch id [dec]

Explanation Notification received of packet with test crc failure

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_TTL_EXPIRY: Received Fabricpath TTL Expiry notification message from switch id [dec] for switch id [dec].

Explanation Notification received packet with TTL expiry

Recommended Action No action is required.

Error Message FPOAM-4-EVENT_VLAN_UNKNOWN: Received Fabricpath VLAN unknown notification message from switch id [dec] for switch id [dec].

Explanation Notification received packet with VLAN unknown

Recommended Action No action is required.

Error Message FPOAM-4-EXIT_SESSION: [chars]

Explanation Notification of connectivity loss for a Loopback session.

Recommended Action No action is required.

Error Message FPOAM-4-MTRACE_ACL_INSTALL_FAIL: ACL couldn't be installed for request [dec].

Explanation ACL install failed

Recommended Action No action is required.

Error Message FPOAM-4-SESSION_ERROR: [chars]

Explanation Notification of connectivity issue for Fabricpath packet

Recommended Action No action is required.

FSCM Messages

This section contains the FSCM messages.

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.

FSM UTILS Messages

This section contains the FSM UTILS messages.

FSM UTILS-5

Error Message FSM UTILS-5-FU_FUNC_LIB: [chars]

Explanation Function called successfully

Recommended Action No action is required.

Error Message FSM UTILS-5-FU_GENERIC_ERROR: [chars]

Explanation FSMU Generic Error

Recommended Action No action is required.

Error Message FSM UTILS-5-FU_LOAD_LIB: [chars]

Explanation Library loaded successfully

Recommended Action No action is required.

Error Message FSM UTILS-5-FU_UNLOAD_LIB: [chars]

Explanation Library unloaded successfully

Recommended Action No action is required.

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

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 '

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

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'

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.

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.

FVP Messages

This section contains the FVP messages.

FVP-2

Error Message FVP-2-GENERAL_ERROR: [chars]

Explanation The FVP Manager has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

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

Explanation The FVP 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 FVP-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free

Explanation This FVP 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 FVP-2-PSS_ERROR: [chars]

Explanation The FVP Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

FVP-3

Error Message FVP-3-FVPD_PSS_CORRUPTED: [chars] PSS found corrupted

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

Recommended Action No action is required.

Error Message FVP-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 FVP-3-RELEASE_ERR_FREE: Already free FVP [chars]

Explanation A client of FVP Manager attempted to remove a FVP [char] which is not present. This information is for debugging only.

Recommended Action No action is required.

Error Message FVP-3-RELEASE_ERR_UNKNOWN: Unknown FVP [chars]

Explanation FVP Manager received a request to release a FVP [char] that could not have been allocated by this FVP Manager.

Recommended Action No action is required.

Error Message FVP-3-RELEASE_ERR: Cant Rel. FVP [chars]

Explanation FVP Manager received a request to remove a FVP that cannot be removed.

Recommended Action No action is required.

Error Message FVP-3-TOOMANY_REQ_REL: FVPs [chars] = [dec] > MAX LIMIT 1024 - Denied

Explanation The FVP Manager received a request to allocate [dec] more than the maximum number of FVPs that can be allocated/released in a single request.

Recommended Action No action is required.

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

Explanation The FVP Manager has received an unknown message from [dec]].[dec] with opcod [dec]. This information is for debugging only.

Recommended Action No action is required.

FVP-4

Error Message FVP-4-EXITING: Exited due to [chars]

Explanation The FVP Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

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

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

Recommended Action No action is required.

FVP-6

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

Explanation The FVP Manager on the standby supervisor became active and it is ready to serve client requests for FVPs.

Recommended Action No action is required.

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

Explanation The FVP Manager became standby from active mode.

Recommended Action No action is required.

Error Message FVP-6-CREATED_FV_PORT: ifIndex: [dec]

Explanation The FVP Manager has created a new fv port with ifIndex= [dec].

Recommended Action No action is required.

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

Explanation The FVP Manager was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message FVP-6-GENERAL_EVENT: [chars]

Explanation The FVP Manager has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

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

Explanation One of the persistent information database os FVP Manager has been recreated

Recommended Action No action is required.

Error Message FVP-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 FVP-6-REMOVED_FV_PORT: IfIndex: [dec]

Explanation The FVP Manager has removed an fv port with ifIndex= [dec].

Recommended Action No action is required.

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

Explanation The FVP Manager is up and ready to accept client requests for FVPs. The service was initialized in [char] mode.

Recommended Action No action is required.

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

Explanation The FVP Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

FWD_STATS_CLIENT Messages

This section contains the FWD_STATS_CLIENT messages.

FWD_STATS_CLIENT-2

Error Message FWD_STATS_CLIENT-2-SNMPC_CRIT: [chars]

Explanation Snmp client Critical 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.

FWD_STATS_CLIENT-3

Error Message FWD_STATS_CLIENT-3-SNMPC_ERR2: [chars] [dec] [dec]

Explanation Snmp Client 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 FWD_STATS_CLIENT-3-SNMPC_ERR: [chars] [dec]

Explanation Snmp Client 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.

FWD_STATS_CLIENT-6

Error Message FWD_STATS_CLIENT-6-SNMPC_INFO: [chars]

Explanation Snmp Client Flow 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.

FW_APP Messages

This section contains the FW_APP messages.

FW_APP-2

Error Message FW_APP-2-FIRMWARE_IMAGE_LOAD_ERROR: Firmware extraction and load error: [chars]

Explanation Firmware extraction error

Recommended Action Please examine 'show system internal firmware boot-log'

Error Message FW_APP-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation FW_APP process has failed initialization.

Recommended Action Please examine 'show system internal firmware event-history errors'

FW_APP-6

Error Message FW_APP-6-FIRMWARE_IMAGE_LOAD_SUCCESS: [chars]

Explanation Firmware extraction success

Recommended Action No action is required.

GARUDA_USD Messages

This section contains the GARUDA_USD messages.

GARUDA_USD-6

Error Message GARUDA_USD-6-GARUDA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

GISCM Messages

This section contains the GISCM messages.

GISCM-2

Error Message GISCM-2-AGNIBOOTSTRAP: [chars]

Explanation

Recommended Action No action is required.

GISCM-5

Error Message GISCM-5-APPSTATUS: [chars]

Explanation

Recommended Action No action is required.

Error Message GISCM-5-PROXYTFTP: [chars]

Explanation

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

GLBP-3

Error Message GLBP-3-GLBP_ARP_ADD_FAILED: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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

Error Message GLBP-3-GLBP_MAC_DEL_FAILED: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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.

Error Message GLBP-4-BADVIP3: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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.

Error Message GLBP-4-GLBP_ARP_RESP_FAILED: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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

Error Message GLBP-5-FWD_WEIGHTING: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: [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: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: [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: Interface [chars] grp [dec]: learnt virtual ip address [chars]

Explanation The Gateway Load Balancing Protocol gateway has learnt virtual IP address.

Recommended Action No action is required

Error Message GLBP-5-VIPUNLEARN: Interface [chars] grp [dec]: 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: Interface [chars] grp [dec]: weighting changed to [dec]

Explanation The Gateway Load Balancing Protocol gateway has changed the weighting.

Recommended Action No action is required

G_DNLD IMAGE_DNLD Messages

This section contains the G_DNLD IMAGE_DNLD messages.

G_DNLD IMAGE_DNLD-1

Error Message G_DNLD IMAGE_DNLD-1-IM_ISSU_REMIND_COPY_R_S: During ISSU, system internal data structures are updated for broken out ports. To ensure correct operation, do

Explanation During In Service System Upgrade, some of the system internal data structures are updated for broken out ports. To ensure correct operation, do

Recommended Action Please do to ensure correct operation

Error Message G_DNLD IMAGE_DNLD-1-IM_LC_INCOMPATIBLE_COPY_R_S: Module [dec] inserted is not compatible with previous module in this slot. To ensure correct operation, do to purge the previous module's configuration.

Explanation Module [decimal digit] inserted is not compatible with previous module in this slot. To ensure correct operation, do to purge the previous module's configuration.

Recommended Action Please do to purge the previous module's configuration.

Error Message G_DNLD IMAGE_DNLD-1-IM_LC_PURGE_FAILURE: Module [dec] purge operation failed.

Explanation Module [decimal digit] purge failed. Some of the system internal data and config data PSS might not have cleaned up

Recommended Action Please collect log 'show system internal im info module <>'

Error Message G_DNLD IMAGE_DNLD-1-IM_LC_PURGE_REMIND_COPY_R_S: Module [dec] purge operation done. To ensure correct operation, do

Explanation Module [decimal digit] purge done.To ensure correct operation, do

Recommended Action Please do to ensure correct operation

G_DNLD IMAGE_DNLD-3

Error Message G_DNLD IMAGE_DNLD-3-IM_IF_FEATURE_BIND_FAILURE: Interface feature bind failed [chars]

Explanation Interface feature bind failed, so applications in that feature set may not behave correctly.

Recommended Action No action is required.

Error Message G_DNLD IMAGE_DNLD-3-IM_LC_INCOMPATIBLE_VDC_OFFLINE: Cannot bring module [dec] online, module inserted is not compatible with previous module in this slot and some VDCs are offline. Bring all VDCs to which the previous module belonged online, then do 'no poweroff module '.

Explanation Module [decimal digit] inserted is not compatible with previous module, so previous module's config needs to be purged from all VDCs. Bring all VDCs to which the previous module belonged online, then do 'no poweroff module '.

Recommended Action Bring all VDCs to which the previous module belonged online, then do 'no poweroff module '.

Error Message G_DNLD IMAGE_DNLD-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 G_DNLD IMAGE_DNLD-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 G_DNLD IMAGE_DNLD-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.

G_DNLD IMAGE_DNLD-5

Error Message G_DNLD_IMAGE_DNLD-5-IM_DEMUX_ERROR: [chars]

Explanation Demux function returned error

Recommended Action No action is required.

Error Message G_DNLD_IMAGE_DNLD-5-IM_INTERNAL_ERROR: [chars]

Explanation Internal error occurred

Recommended Action No action is required.

Error Message G_DNLD_IMAGE_DNLD-5-IM_INTF_STATE: [chars] [chars] in vdc [dec]

Explanation

Recommended Action

Error Message G_DNLD_IMAGE_DNLD-5-IM_MGMT_INTF_STATE: [chars] [chars]

Explanation Management interface state changed.

Recommended Action No action is required.

Error Message G_DNLD_IMAGE_DNLD-5-IM_UNKNOWN_INTERFACE: [chars]

Explanation Interface is not supported or not found

Recommended Action No action is required.

HSRP_ENGINE Messages

This section contains the HSRP_ENGINE messages.

HSRP_ENGINE-3

Error Message HSRP_ENGINE-3-ADDING_VIP_TO_U6RIB_FAILED: Failed to add the Virtual IP [chars] to U6RIB (errno [hex]).

Explanation U6RIB has failed to add the Virtual IP from its database.

Recommended Action Collect the 'show tech-support hsrp' and 'show tech-support routing ipv6 unicast' and contact Cisco TAC.

TAC Details Check if system has the reported Virtual IP entry in the U6RIB table, if it does have the reported Virtual IP entry, then it means an intermittent internal error has occurred but has no functional impact. If the u6rib table doesn't have the reported Virtual IP, then reach the teams at 'nxos-urib-dev@cisco.com' and 'fhrp-team@cisco.com'.

Error Message HSRP_ENGINE-3-BFD_GLOBAL_SESSION_REMOVAL_FAILED: Failed to remove all HSRP-BFD sessions (errno [hex], rc [hex]).

Explanation HSRP failed to remove all BFD sessions configured between the HSRP routers.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support bfd'

TAC Details Check 'show bfd neighbors details', if it doesn't show any HSRP BFD sessions, it means all HSRP-bfd sessions have been already removed. The failure could be an internal intermittent issue and has no functional impact. If in 'show bfd neighbors details', it shows any HSRP BFD sessions, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BFD_IF_SESSION_REMOVAL_FAILED: Failed to remove one or more HSRP-BFD sessions (errno [hex], rc [hex]).

Explanation HSRP failed to remove the all BFD sessions configured between the HSRP routers on the interface.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support bfd'

TAC Details Check 'show bfd neighbors details', if it doesn't show hsrp BFD sessions for any of HSRP groups configured the interface, where the user saw this error , it means all hsrp-bfd sessions have been already removed. The failure could be an internal intermittent issue and has no functional impact. If in 'show bfd neighbors details', it shows HSRP BFD sessions for any of the HSRP groups configured the interface, where the user saw this message, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BFD_SESSION_ADD_FAILED: Failed to add one or more HSRP-BFD sessions (errno [hex], rc [hex]).

Explanation HSRP is failed to add the all BFD sessions configured between the HSRP routers.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support bfd'

TAC Details Check 'show bfd neighbors details', if it shows all the HSRP BFD sessions, it means all hsrp-bfd sessions have been already created. The failure could be an internal intermittent issue and has no functional impact. If in 'show bfd neighbors details', it doesn't shows all HSRP BFD sessions, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BFD_SESSION_CREATION_FAILED: Failed to create BFD session (errno [hex], rc [hex])

Explanation An internal error has occurred while HSRP was creating BFD sessions between the HSRP routers.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support bfd'

TAC Details Check 'show bfd neighbors details', if it does show hsrp BFD sessions for all of HSRP groups configured on the device or VDC , it means an internal error has occurred in hsrp bfd interaction and has no functional impact. If in 'show bfd neighbors details', it doesn't shows HSRP BFD sessions for all of the HSRP groups configured on the device or VDC, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BFD_SESSION_REMOVAL_FAILED: Failed to remove one or more HSRP-BFD sessions (errno [hex], rc [hex]).

Explanation An internal error has occurred while HSRP was removing the BFD sessions between the HSRP routers.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support bfd'

TAC Details Check 'show bfd neighbors details', if it doesn't show HSRP BFD sessions for any of HSRP groups configured on the device or VDC , it means an internal error has occurred in hsrp bfd interaction and has no functional impact. If in 'show bfd neighbors details', it shows HSRP BFD sessions for any of the HSRP groups configured on the device or VDC, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BUNDLE_ASID_REG_FAIL: DRAP registration failed for switch ID [dec], bundle [dec].

Explanation HSRP registration for the DRAP failed for the reported switch ID.

Recommended Action Collect the following logs and contact Cisco TAC. 'show tech-support hsrp', 'show tech-support fabricpath switch-id', 'show tech-support fabricpath isis', 'show tech-support m2rib', 'show tech-support u2rib', 'show tech-support eltm detail', 'show tech-support pixm-all', 'show tech-support u2fib module {mod id}' where {mod id} is the module number of the fabricpath forwarding module belonging to the device or VDC.

TAC Details Reach to fhrp-team@cisco.com with the collected logs.

Error Message HSRP_ENGINE-3-BUNDLE_LPSS_FAIL: LPSS [chars] for bundle [dec] failed.

Explanation An internal error occurred during an add or remove operation.

Recommended Action An anycast internal operation unexpectedly failed. This failure is not traffic impacting. If the error persists, collect the following log and contact Cisco TAC 'show tech-support hsrp'

TAC Details Reach to the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BUNDLE_VLAN_ADD: Attempt to add invalid VLAN [chars] for bundle [dec] [chars].

Explanation An invalid VLAN is a VLAN with an incomplete configuration. If an anycast bundle is added with some invalid VLANs there could be traffic loss if these VLANs have already been successfully added on other nodes.

Recommended Action Either unconfigure the reported VLANs from all anycast nodes or configure them correctly for bundle. If the problem persists after correctly configuring the VLANs for the anycast bundle, collect the following logs and contact Cisco TAC. 'show tech-support hsrp', 'show tech-support fabricpath switch-id', 'show tech-support netstack detail', 'show tech-support fabricpath isis'

TAC Details Make sure the configuration is correct i.e. VLANs are properly configured and then only are added as part of the HSRP ANYCAST bundle. Check that the mapping for VLAN and bundle is correct in 'show system internal pktmgr libanycast-info all ipv4/ipv6'. And the state of the bundle in 'show hsrp anycast'. If the bundle is UP and reported VLANs are correctly configured, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BUNDLE_VLAN_DEL: VLAN's [chars] for bundle [dec] [chars] removed. Delete these VLAN's from other nodes to prevent traffic loss.

Explanation When removing VLANs from an anycast bundle be sure to remove them on all anycast nodes to prevent traffic loss for these VLANs.

Recommended Action Unconfigure these deleted VLANs from all anycast nodes. If the problem persists after correctly configuring the VLANs for the anycast bundle, collect the following logs and contact Cisco TAC. 'show tech-support hsrp', 'show tech-support fabricpath switch-id', 'show tech-support netstack detail', 'show tech-support fabricpath isis'

TAC Details Reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-BUNDLE_VLAN_DOWN: VLAN [dec] down for bundle [dec], traffic for group [dec] will be lost on this node.

Explanation A bundle remains up until the last VLAN of the bundle goes down. However, traffic will be lost in VLANs which are down while bundle is still up.

Recommended Action Determine why the reported VLAN is down. In order to switch the traffic coming on this anycast node to another anycast nodes, shutdown the affected bundle on this node. If the problem persists, collect the following log and contact Cisco TAC 'show tech-support hsrp'

TAC Details Check why the reported VLAN is down and in case you need any input, reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-3-DELETION_VIP_FROM_U6RIB_FAILED: Failed to delete the Virtual IP [chars] from U6RIB (errno [hex]).

Explanation U6RIB has failed to delete the Virtual IP from its database.

Recommended Action Collect the 'show tech-support hsrp' and 'show tech-support routing ipv6 unicast' and contact Cisco TAC.

TAC Details Check if system has the reported Virtual IP entry in the U6RIB table, if it doesn't have the reported Virtual IP entry, then it means an intermittent internal error has occurred but has no functional impact. If the u6rib table has the reported Virtual IP entry, then reach the teams at 'nxos-urib-dev@cisco.com' and 'fhrp-team@cisco.com'.

Error Message `HSRP_ENGINE-3-NOSOCKET: Unable to open socket.`

Explanation The router was unable to initialize an IP connection for the Hot Standby Router Protocol.

Recommended Action Make sure that there is at least one interface configured to run IP. If the problem persists, collect the following logs and contact Cisco TAC. 'show tech-support hsrp', 'show tech-support sockets'

TAC Details Check if any errors are reported while creating sockets for HSRP in 'show sockets internal event-history error' and also if sockets are created in 'show sockets client udp detail'. Also check the state of HSRP sockets in the following command 'show sockets connection pid {hsrp_engine pid}'.

HSRP_ENGINE-4

Error Message `HSRP_ENGINE-4-BDAUTH2: Bad authentication from [chars].`

Explanation Two routers participating in HSRP disagree on the authentication string.

Recommended Action Use the HSRP authentication command 'authentication {Authentication type}' to repair the HSRP authentication discrepancy between the local router and the one whose IP address is reported. Verify the HSRP peer has the proper authentication configured. The issue occurs when the HSRP peer has a mismatch in the authentication configuration. In case the configuration is appropriate, collect the following logs and contact Cisco TAC. 'show tech-support hsrp'

TAC Details Make sure the HSRP authentication configuration on the group reported in the message is consistent on the HSRP peers. If its correct, check if 'show hsrp internal event-history errors' has any authentication failures on the HSRP peers.

Error Message `HSRP_ENGINE-4-BDAUTH: Bad authentication from [chars], group [dec], remote state [chars].`

Explanation Two routers participating in HSRP disagree on the authentication string.

Recommended Action Use the HSRP authentication command 'authentication {Authentication type}' to repair the HSRP authentication discrepancy between the local router and the one whose IP address is reported. Verify the HSRP peer has proper authentication configured. The issue occurs when the HSRP peer has a mismatch in the authentication configuration. In case the configuration is appropriate, collect the following logs and contact Cisco TAC. 'show tech-support hsrp'

TAC Details Make sure the HSRP authentication configuration on the group reported in the message is consistent on the HSRP peers. If its correct, check if 'show hsrp internal event-history errors' has any authentication failures on the HSRP peers.

Error Message HSRP_ENGINE-4-BUNDLE_GROUP_NOTEXIST: Group [dec] not found on interface [chars] for bundle [dec]. Traffic for this group will be lost on this router.

Explanation Traffic in a group will be lost if that group is missing from a bundle and the bundle is up. This can be caused by misconfiguration.

Recommended Action Correct the configuration on the missing groups for the affected bundle on this node.

Error Message HSRP_ENGINE-4-DIFFVIP1: [chars] group [dec] active router's 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 for the reported Virtual IP address. Verify that HSRP peers for this group are configured with the same Virtual IP as configured on this device. In case the configuration on HSRP peers is correct, then collect 'show tech-support hsrp' on all HSRP peers and contact Cisco TAC.

TAC Details Check if the HSRP Virtual IP on the reported HSRP group is same as of its peer HSRP group. Use the command 'show hsrp group {group-id} detail' on HSRP peer routers for the reported group-id if it has same Virtual IP's is configured on the HSRP peer routers. In case its same, check in the HSRP hello packets both ingress packets and egress packets for the group-id with Ethalyzer or Wireshark and verify the HSRP Virtual IP on the reported HSRP group and peer group are same. For running ethalyzer use the below command and capture it in a file 'ethalyzer local interface inband eth display-filter hsrp limit-captured-frames 0 detail ' You can reach the team at fhrp-team@cisco.com.

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 a malfunctioning switch.

Recommended Action Verify the reported HSRP Virtual IP is not used as a local interface address. This message is reported when the HSRP Virtual IP clashes with a local interface IP address. In case this Virtual IP is not configured as a local interface IP address, collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support netstack detail'

TAC Details Verify the HSRP configuration on this device or VDC. Make sure that the Virtual IP configured on the group reported is unique on this device or VDC and is not clashing with the local interface IP address. Check in the command 'show ip internal event-history ipc' if it shows Overlap bit set. It also points to the iod of the interface with which the Virtual IP clash is occurring. Check in 'show ip internal info interface all' about the Virtual IP on the iod mentioned in the above command.

Error Message HSRP_ENGINE-4-DUPVIP1: [chars] group [dec] address [chars] is already assigned to an 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 and make sure the reported Virtual IP address is not configured on any other HSRP group on this device or VDC. In case the reported Virtual IP is not configured on any HSRP group on this device or VDC, collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support netstack detail'

TAC Details Verify the reported HSRP Virtual IP configuration is unique on device or VDC. Check in the command 'show ip internal event-history ipc' if it shows Overlap bit set. You can reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-4-DUPVIP2: [chars] group [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. In case this Virtual IP is not configured on any other HSRP group on the interface, collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support netstack detail'

TAC Details Verify the reported HSRP Virtual IP configuration on the interface. Make sure that Virtual IP configured on the group mentioned in this error message is not clashing with any other HSRP group's Virtual IP address on this interface. Check in the command 'show ip internal event-history ipc' if it shows Overlap bit set. You can reach the team at fhrp-team@cisco.com.

Error Message HSRP_ENGINE-4-DUPVIP3: [chars] group [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 for the reported Virtual IP address. In case this Virtual IP is unique, collect the following logs and contact Cisco TAC. 'show tech-support hsrp' and 'show tech-support netstack detail'

TAC Details Make sure that reported Virtual IP configured on the group mentioned is not clashing with any other HSRP Group's Virtual IP address or IP address on another interface or application on this device or VDC. Check in the command 'show ip internal event-history ipc' if it shows the Overlap bit set. Verify in 'show ip process api vrf all' that reported Virtual IP is only part of the configured HSRP group. You can reach the team at fhrp-team@cisco.com.

HSRP_ENGINE-5

Error Message HSRP_ENGINE-5-ACTIVEROUTERPRIORITY: Interface [chars] [chars] group [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.

Error Message HSRP_ENGINE-5-ACTIVE_CHANGE: Interface [chars] [chars] group [dec] Active router is [chars].

Explanation The Active router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-AUTOCONFIG_VIPLEARN: Interface [chars] group [dec] learnt auto-configuration Virtual IP address [chars].

Explanation The local router has automatically generated the Virtual IP address for the reported group.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-BUNDLE_DOWN_REASON: Cannot bring up bundle [dec] [chars] as [chars].

Explanation The reported bundle cannot change to up state. The message displays the reason.

Recommended Action Address the reason why the bundle is down.

Error Message HSRP_ENGINE-5-BUNDLE_STATE_CHANGE: Bundle [dec] state changed from [chars] to [chars].

Explanation The reported bundle changed state.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-GRPSTATECHANGE: Interface [chars] [chars] group [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-5-MACADDRESS_CHANGE: Interface [chars] [chars] group [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-5-MASTER_NAME_CHNGD: Master name conflict for group [dec], using default.

Explanation Name conflict between two masters. The name will fall back to default.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-PRIORITY: Interface [chars] [chars] group [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-5-STANDBYROUTERPRIORITYCHANGE: Interface [chars] [chars] group [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-5-STANDBY_CHANGE: Interface [chars] [chars] group [dec] Standby router is [chars].

Explanation The Standby router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-TIMER: Interface [chars] [chars] group [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-5-VIPLEARN: Interface [chars] [chars] group [dec] learnt Virtual IP address [chars].

Explanation The local router has learnt a new Virtual IP address from an incoming HSRP packet.

Recommended Action No action is required.

HSRP_ENGINE-6

Error Message HSRP_ENGINE-6-STATECHANGE2: [chars] [chars] group [dec] state changing from [chars].

Explanation The router has changed state.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-STATECHANGE: [chars] [chars] group [dec] state changing to [chars].

Explanation The router has changed state.

Recommended Action No action is required.

IDEHSD Messages

This section contains the IDEHSD messages.

IDEHSD-1

Error Message IDEHSD-1-MANUAL_FORMAT: logflash needs to be formatted

Explanation Logflash is not accessible; use format logflash: to format it

Recommended Action No action is required.

IDEHSD-2

Error Message IDEHSD-2-AUTO_FORMAT: logflash auto-format [chars]

Explanation Logflash auto-format event

Recommended Action No action is required.

Error Message IDEHSD-2-DISK_BUSY_FAILED: Cannot umount [chars],

Explanation The specified disk interface is in use it can not be un mounted, The user may experience file system corruption

Recommended Action Make sure slot0 is not being used either by mounting or by any command and re-insert the disk again

Error Message IDEHSD-2-DISK_FSCK_FAIL: file system check returned error on slot [dec]

Explanation Flash filesystem may be corrupted, the flash was taken while it was being accessed

Recommended Action Reformat the external flash

Error Message IDEHSD-2-DISK_MOUNT_FAIL: disk mount unsuccessful on [chars]

Explanation Unknown flash filesystem or not cleanly un mounted

Recommended Action Use vfat flash only and make sure external slot is not being accessed then re-insert flash

Error Message IDEHSD-2-DISK_RESCAN_FAIL: disk rescan unsuccessful on [chars]

Explanation Flash fliesyetm was not cleanly un mounted

Recommended Action Make sure external slot is not being accessed and re-inset the flash

Error Message IDEHSD-2-DISK_UMOUNT_FAIL: disk umount unsuccessful for [chars]

Explanation Flash fliesyetm is busy the system could not un-mount it

Recommended Action Make sure external slot is not being accessed and re-inset the flash

Error Message IDEHSD-2-FORK: fork failed ([chars] process)

Explanation The flash daemon failed to fork

Recommended Action No action is required.

Error Message IDEHSD-2-INTERNAL_ERROR: Internal Error [dec]

Explanation The flash daemon interface returns error

Recommended Action Restart the idehsd daemon

Error Message IDEHSD-2-MOUNT: [chars] online

Explanation Flash daemon mounting slot

Recommended Action No action is required.

Error Message IDEHSD-2-UMOUNT: [chars] offline

Explanation Flash daemon un mounting slot

Recommended Action No action is required.

Error Message IDEHSD-2-USB_SWAP: USB insertion or removal detected

Explanation USB swap event

Recommended Action No action is required.

IDEHSD-3

Error Message IDEHSD-3-DEVICEOPEN_FAILED: device open failed. Component [chars]

Explanation The flash daemon device open failed The failure is due to the sub-component [chars]

Recommended Action No action is required.

IDEHSD-5

Error Message IDEHSD-5-DISK_SWAP: [chars] [chars]

Explanation Compact flash swap event

Recommended Action No action is required.

IDEHSD-6

Error Message IDEHSD-6-DISK_BUSY: trying to un mount disk [chars]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message IDEHSD-6-DISK_EVENT: slot [dec] [chars]

Explanation Flash daemon found a disk hotswap handler event

Recommended Action No action is required.

Error Message IDEHSD-6-IDEHSD_INFO: [chars]

Explanation Flash daemon informational message

Recommended Action No action is required.

Error Message IDEHSD-6-IOCTL: ioctl: [chars] returns [dec]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message IDEHSD-6-STARTING: daemon started

Explanation The compact flash swap daemon successfully started

Recommended Action No action is required.

IDEHSD-7

Error Message IDEHSD-7-IDEHSD_TRACE: [chars]() [chars]:[dec] disk=[dec]

Explanation Flash daemon debug message to trace code path

Recommended Action No action is required.

IFTMC Messages

This section contains the IFTMC messages.

IFTMC-SLOT#-1

Error Message IFTMC-SLOT#-1-IFTMC_RES_ALLOC_WARN: IFTMC resource allocation warning: [chars]

Explanation IFTMC resource usage has exceeded a preset threshold, resources are still left for interface creation but we are reaching the exhaustion limit

Recommended Action No action is required.

TAC Details Mostly too many interfaces are allocated, and IFTMC emits this warning use this command to see utilization: show system internal iftmc hardware resource utilization collect output of show tech-support eltm detail

IFTMC-SLOT#-2

Error Message IFTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars] in vdc [dec]

Explanation IFTMC Failed to get LTL (source or dst index for interface. Applied config might not work

Recommended Action No action is required.

TAC Details In cases where PIXM delete the LTL's for line cards that are removed before interfaces are removed. This is because of various timeouts among components. In a normal scenario where interfaces are created by EthPm we should never hit this issue.

Error Message IFTMC-SLOT#-2-ELTMC_INVALID_FTAG_NUM: IFTMC received INVALID Number of FTAGs in the message.. [chars]

Explanation IFTMC Failed: Received INVALID Ftags

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail Collect m2rib tech support

Error Message IFTMC-SLOT#-2-ELTMC_L3_INGRESS_LIF_ALLOC_FAIL_INTF: Failed to allocate L3 Ingress LIF entries in forwarding engine for interfac [chars]

Explanation IFTMC 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.

Error Message IFTMC-SLOT#-2-ELTMC_RSVD_VLAN: Failed to get the reserved vlans. Failed with error [chars]

Explanation IFTMC Failed to get the reserved vlan's. This will effect multicast forwarding on SVI interfaces

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_BD_NULL_WARN: IFTMC BD is zero: [chars]

Explanation IFTMC BD is zero, SVI create beafore vlan create Please collect show tech-support eltm detail and vlan mgr show tech for analysis

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail for analysis

Error Message IFTMC-SLOT#-2-IFTMC_FCOE_FEATURE_REQ_FAIL: FCOE feature request for interface [chars] cannot be processed

Explanation FCOE feature request cannot be processed with ILM sharing, failure status does not get returned to calling app. Possible ACLQOS verify/commit fail prior to this feature request.

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail for analysis

Error Message IFTMC-SLOT#-2-IFTMC_FTAG_PROG_FAIL: Failed to program ftag list as it exceeds the platform limit [dec]

Explanation IFTMC Failed to apply ftag list on an interface

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_GENERIC_ERROR: [chars]

Explanation [chars] collect output of show tech-support eltm detail for analysis

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail for analysis ISSUE with SUP LIF being 0, check logs to confirm this!!!

Error Message IFTMC-SLOT#-2-IFTMC_INTERFACE_INTERNAL_ERROR: Internal error, Invalid intf state provided to IFTMC : [chars]:[chars], collect output of show tech-support eltm

Explanation IFTMC invalid interface state. The state provided to IFTMC is invalid Collect show tech-support eltm for further analysis.

Recommended Action No action is required.

TAC Details IFTMC hit internal error. The state provided to IFTMC is invalid Collect show tech-support eltm for further analysis.

Error Message IFTMC-SLOT#-2-IFTMC_INTF_ERROR: Internal error: [chars] [chars], collect output of show tech-support eltm

Explanation IFTMC hit a internal error. Either interface type is not supported for this operation or Interface type returned is wrong Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

TAC Details IFTMC hit a internal error. Either interface type is not supported or Interface type returned is wrong Collect show tech-support eltm for futher analysis.

Error Message IFTMC-SLOT#-2-IFTMC_INVALID_FEATURE_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation IFTMC Doesnt support this feature or invalid feature is provided to IFTMC. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

TAC Details IFTMC Doesnt support this feature or invalid feature is provided to IFTMC. Collect show tech-support eltm for futher analysis. Further show tech is needed based on which feature is enabled

Error Message IFTMC-SLOT#-2-IFTMC_LIF_ALLOC_WARN: IFTMC LIF allocation warning: [chars]

Explanation IFTMC LIF is overlapping with another VLAN, Traffic might be affected for one the involved vlans

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail for analysis

Error Message IFTMC-SLOT#-2-IFTMC_MEM_ERROR: Critical error, Unable to insert in AVL tree : [chars]:[chars], collect output of show tech-support eltm

Explanation IFTMC hit a Memory shoratge error. Collect show tech-support eltm for futher analysis.

Recommended Action *None *

TAC Details IFTMC insert in AVL tree Failed. It might be memory shortage issue. The config applied might not work. collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_PVLAN_INVALID_OP_ERROR: Invalid PVLAN operation to IFTMC error: [chars] , collect output of show tech-support eltm and pvlan tech support

Explanation IFTMC received invalid (unsupported) pvlan operation

Recommended Action No action is required.

TAC Details Invalid PVLAN operation to IFTMC. Collect show tech-support eltm, vlan and pvlan tech support

Error Message IFTMC-SLOT#-2-IFTMC_PVV_IDX_ALLOC_FAILED: IFTMC PVV TABLE(s) FULL: IDX allocation Failed: [chars]

Explanation IFTMC PVV hash and TCAM tables HW resources are full The Config applied will not work collect output of show tech-support eltm detail

Recommended Action No action is required.

TAC Details IFTMC PVV hash and TCAM tables HW resources are full. The interface or vlan for which these resources were to be allocated will not work. Reason: Too many interfaces are allocated, and IFTMC cannot allocate anymore hw resources. use this command to see utilization: show system internal iftmc hardware resource utilization collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_PVV_IDX_SW_DB_SEARCH_FAILED: IFTMC PVV TABLE(s) PVV_HASH SW DB find Failure: [chars]

Explanation Every Index in PVV hash will be maintained in Software contracts This software database search failure results in hw resources might not be programmed or updated correctly The Config applied will not work collect output of show tech-support eltm detail

Recommended Action No action is required.

TAC Details SW database missing PVV-hash index information, due to TABLE full (or) Hash collision (or) database update failure. The config change applied on the interface might not work. Resources wont be programmed Reason: Index allocation missed updating the database, or Restoration due to ISSU missed out the SW-database updation Remove and reapply the port config might resolve this problem use this command to see utilization: show system internal iftmc hardware resource utilization collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_PVV_WRONG_IDX_ALLOC: IFTMC PVV HASH wrong IDX allocation warning: [chars]

Explanation IFTMC PVV hash is being allocated from index 0 IFTMC hw resources might not be allocated because of this and config will fail collect output of show tech-support eltm detail

Recommended Action No action is required.

TAC Details It's PVV tcam allocation issue, It will mostly happen in scale setup. collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_RES_ALLOC_FAIL: IFTMC resource allocation failure:
[chars]

Explanation IFTMC resource usage has exceeded limit, further resources cannot be allocated

Recommended Action No action is required.

TAC Details Mostly too many interfaces are allocated, and IFTMC emits this warning use this command to see utilization: show system internal iftmc hardware resource utilization collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_RES_RECOVERY_FAIL: IFTMC resource recovery failure:
[chars]

Explanation IFTMC failed resource recovery, happens during ISSU or iftmc restart

Recommended Action Consider reloading the LC to recover collect output of show tech-support eltm detail

TAC Details Consider reloading the LC to recover collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-2-IFTMC_RSVD_VLAN: Error in retrieving fex rsvd vlan info,
FEX_RESERVED_VLAN_ERR: [chars]

Explanation VLAN_MGR SDB call returned FAILURE for FEX

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail Collect show tech vlan

Error Message IFTMC-SLOT#-2-IFTMC_VNI_STATIC_4K_REG: IFTMC VNI STATIC 4K Allocation Warning:
[chars]

Explanation Unable to reserve 4K PMT entries for CBL_VLAN processing, CRITICAL!!! This will happen if we do not have enough resource to allocate 4K PMT entries

Recommended Action Consider freeing some resources by interface deletion

TAC Details collect output of show tech-support eltm detail Consider freeing some resources for interface deletion use this command to see utilization: show system internal iftmc hardware resource utilization Sup generated packets will not forward

IFTMC-SLOT#-3

Error Message IFTMC-SLOT#-3-ELTMC_INTF_NOT_FOUND: Interface [chars] not found in IFTMC database [chars], collect show tech-support eltm detail

Explanation IFTMC Interface database doesn't have the interface. Config which triggered this issue might not work

Recommended Action No action is required.

TAC Details IFTMC Interface database doesn't have the interface. Config which triggered this issue might not work collect output of show tech-support eltm detail

Error Message IFTMC-SLOT#-3-IFTMC_INTERFACE_STATE_ERROR: Internal error, mode change of interface when it's up: [chars]:[chars], collect output of show tech-support eltm

Explanation IFTMC interface mode change when it is already up. Collect show tech-support eltm for analysis.

Recommended Action No action is required.

TAC Details IFTMC interface mode change when it is up. Collect show tech-support eltm for analysis. please collect show tech-support ethpm

Error Message IFTMC-SLOT#-3-IFTMC_PVLAN_XLT_FAIL: Failed to apply vlan translation table [chars] status [hex] [chars]

Explanation IFTM Failed to apply vlan translation table on an interface, Traffic on the interface will be affected

Recommended Action No action is required.

TAC Details collect output of show tech-support eltm detail for analysis collect take support for vlan mgr and pvlan

Error Message IFTMC-SLOT#-3-IFTMC_VLAN_INTERNAL_ERROR: Internal error: VLAN [dec]:[chars], collect output of show tech-support eltm detail and show tech-support eltm

Explanation IFTMC vlan Insert in Vlan database Failed. It might be memory shortage issue. The vlan involved might not function

Recommended Action *None *

TAC Details IFTMC vlan Insert in Vlan database Failed. It might be memory shortage issue. The vlan involved might not function. collect output of show tech-support eltm detail

IKE Messages

This section contains the IKE messages.

IKE-3

Error Message IKE-3-CRYPTO_INIT_ERROR: IKEv2 crypto initialization received an error: [chars]

Explanation Crypto initialization hit 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 IKE-3-ENABLE_ERROR: Unable to store enable flag in configuration due to error, 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.

Error Message IKE-3-IKE_PROGRAM_EXIT: IKE process exit due to reason : [chars]

Explanation IKE process did an abnormal exit with error [chars] stated above

Recommended Action No action is required.

Error Message IKE-3-MAX_HALF_CONN_LIMIT_REACHED: IKEv1 : Exceeded the limit for number of half open connections in Phase 1

Explanation The number of half open connections has exceeded the maximum limit

Recommended Action No action is required.

Error Message IKE-3-MESSAGE_ERROR: IKEv2 message (from peer IP [chars]) is invalid due to error: [chars]

Explanation Received a malformed message which doesn't adhere to the protocol

Recommended Action No action is required.

Error Message IKE-3-PHASE1_NEGOTIATION_FAILED: IKEv1: Phase 1 negotiation with peer [chars] failed

Explanation IKE policy negotiation failed for peer [chars], possibly due to configuration mismatch

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, possibly due to configuration mismatch

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], possibly due to configuration mismatch

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, possibly due to configuration mismatch

Recommended Action No action is required.

Error Message IKE-3-UNSUPPORTED_EXCHANGE: IKEv1: Unsupported exchange of type [dec] received from [chars]

Explanation A unsupported IKE exchange type [digits] was received from [chars]

Recommended Action No action is required.

IKE-4

Error Message IKE-4-INVALID_PAYLOAD_APPEAR: IKEv2 received invalid message from [chars] with payload [chars], type [chars], response [chars]

Explanation Received an inappropriate payload during exchange

Recommended Action Please contact the 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-4-PARSING_ERROR: IKEv2 message (from [chars]) can not be parsed, reason : [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 unrecognized payload (type = [chars])

Explanation Received an invalid payload

Recommended Action No action is required.

Error Message IKE-4-UNSUPPORT: Message from [chars] indicates that [chars] is not supported

Explanation Received notification about unsupported configuration [chars]

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 SERVICE MANAGER Messages

This section contains the ILC SERVICE MANAGER messages.

ILC SERVICE MANAGER-6

Error Message ILC SERVICE MANAGER-6-SERV_MGR_INFO: [chars]

Explanation SERV_MGR daemon informational message

Recommended Action No action is required.

Error Message ILC SERVICE MANAGER-6-STARTING: daemon started

Explanation The SERV_MGR daemon successfully started

Recommended Action No action is required.

ILC SERVICE MANAGER-SLOT#-2

Error Message ILC SERVICE MANAGER-SLOT#-2-APPLN_IMG_NOT_FOUND: Component ([chars]): image not present in the system, configuration not complete

Explanation Application information is not found on the linecard

Recommended Action Check for provisioning status

Error Message ILC SERVICE MANAGER-SLOT#-2-APPLN_NOT_FOUND: Component ([chars]) not present in the system please verify provisioning information

Explanation Application information is not found on the linecard

Recommended Action Check for provisioning status

Error Message ILC SERVICE MANAGER-SLOT#-2-INIT_PROV_FAILED: Failed to apply startup configuration for [chars] application, due to: [chars]

Explanation Error in applying linecard configuration for virt application

Recommended Action Restart the linecard

Error Message ILC SERVICE MANAGER-SLOT#-2-PS_FORCE_DISABLE_LC_ALI_SSI: [chars]

Explanation Operator initiated forced destructive re-configuration

Recommended Action Restart the linecard

Error Message ILC SERVICE MANAGER-SLOT#-2-PS_FORCE_DISABLE: Component ([chars]) caused force re-configuration ILC will be rebooted

Explanation Operator initiated forced destructive re-configuration

Recommended Action Restart the linecard

Error Message ILC SERVICE MANAGER-SLOT#-2-RM_CPP_RELOAD_TMOUT: Component ([chars]) time-out for critical error response reloading ILC

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message ILC SERVICE MANAGER-SLOT#-2-SM_DPP_DOWNLOAD: Re-provisioning [chars] for [chars] SSM feature

Explanation Reprovisioning of fastpath resource

Recommended Action No action is required.

ILC_HELPER Messages

This section contains the ILC_HELPER messages.

ILC_HELPER-2

Error Message ILC_HELPER-2-ALI_IPS_ONE_GIG: [chars]

Explanation Alishan IPS port speed is configured to 1G

Recommended Action No action is required.

Error Message ILC_HELPER-2-LOG_CRIT_ILC_HELPER_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

Error Message ILC_HELPER-2-NO_LICENSE_REBOOT: SSE License expired , 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

Error Message ILC_HELPER-2-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.

ILC_HELPER-3

Error Message ILC_HELPER-3-INVALID_SSI: The ssi boot variable is configured to an invalid image [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

Error Message ILC_HELPER-3-LOG_ERR_ILC_HELPER_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

ILC_HELPER-4

Error Message ILC_HELPER-4-LOG_WARN_ILC_HELPER_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

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-LOG_INFO_ILC_HELPER_SMART_LIC: Smart License Information
[[chars]]

Explanation Smart License Information

Recommended Action No action is required.

ILC_HELPER-7

Error Message ILC_HELPER-7-LOG_DEBUG_ILC_HELPER_SMART_LIC: Smart License Debug Message
[[chars]]

Explanation Smart License Debug Message

Recommended Action No action is required.

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.

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.

IMAGE_UPGRADE-SLOT#-4

Error Message IMAGE_UPGRADE-SLOT#-4-IMAGE_UPGRADE_INFO: [chars]

Explanation Image Upgrade Info

Recommended Action No action is required.

INSTALLER Messages

This section contains the INSTALLER messages.

INSTALLER-1

Error Message INSTALLER-1-UPGRADE_EXCEEDED_DOWNTIME: Switch control plane has exceeded the maximum upgrade downtime of 80 seconds.

Explanation This message indicates that the switch control plane has exceeded the maximum upgrade downtime of 80 seconds

Recommended Action No action is required.

INSTALLER-3

Error Message INSTALLER-3-SIGNATURE_VERIFICATION_FAILED: Signature Verification Failed for the image [chars]

Explanation Digital Signature Verification failed for the given image

Recommended Action No action is required.

INSTALLER-5

Error Message INSTALLER-5-UPGRADE_ABORTED: System upgrade has been aborted.

Explanation This message indicates that system wide upgrade has aborted.

Recommended Action No action is required.

Error Message INSTALLER-5-UPGRADE_COMPLETED: System upgrade completed.

Explanation This message indicates system wide upgrade has completed.

Recommended Action No action is required.

Error Message `INSTALLER-5-UPGRADE_INITIATED`: System upgrade initiated.

Explanation System wide upgrade has been initiated by the user.

Recommended Action No action is required.

Error Message `INSTALLER-5-UPGRADE_STOPPED`: System upgrade has been stopped.

Explanation This message indicates that system wide upgrade has been stopped by the user.

Recommended Action No action is required.

INTERFACE-VLAN Messages

This section contains the INTERFACE-VLAN messages.

INTERFACE-VLAN-5

Error Message `INTERFACE-VLAN-5-SVI_MCEC_TYPE2_FAILED_VDC`: interface-Vlan Type 2 configuration for VPC is not compatible due to vdc routable mode incompatibility

Explanation Interface-Vlan Type 2 configuration for VPC is not compatible due to vdc routable mode incompatibility

Recommended Action No action is required.

Error Message `INTERFACE-VLAN-5-SVI_MCEC_TYPE2_FAILED_VLAN`: interface-Vlan Type 2 configuration for VPC is not compatible due to difference in administrative state on following interface-Vlans on local switch: [chars] and following on peer switch: [chars]

Explanation Interface-Vlan Type 2 configuration for VPC is not compatible due to interface-Vlan administrative state on local and peer switches

Recommended Action No action is required.

INTERFACE_VLAN Messages

This section contains the INTERFACE_VLAN messages.

INTERFACE_VLAN-2

Error Message `INTERFACE_VLAN-2-SVI_IM_IF_REMOVED_CONFIG_DELETED_NOT_DROPPED`: Following [dec] SAPs didn't drop [chars] from SVI with rrtoken [hex] in time. Please consult respective SAP owners: [chars]

Explanation These SAPs took long time in processing all-drop notification and caused timeout

Recommended Action Please consult respective SAP owners and collect their tech-supports.

TAC Details show tech-support interface-vlan

INTERFACE_VLAN-4

Error Message INTERFACE_VLAN-4-SVI_IF_CONFIG_DELETED_NOTIF_DELAYED_DROPPED: Interface VLAN Delete Notification Not Processed on Time by SAP [dec]([chars])

Explanation This SAP took long time in processing Interface VLAN delete notification and caused timeout

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-4-SVI_IF_CONFIG_REMOVED_NOTIF_DELAYED_DROPPED: Interface VLAN Remove Notification Not Processed on Time by SAP [dec]([chars])

Explanation This SAP took long time in processing Interface VLAN remove notification and caused timeout

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-4-SVI_VLAN_DOES_NOT_EXIST: Interface vlan [dec] does not exist

Explanation Interface vlan not created before assignment

Recommended Action

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-4-SVI_WARN_SVI_UP_IN_NON_ROUTABLE_VDC: Interface VLAN [dec] is being kept up in non-routable VDC. Reason: management configuration enabled. Please disable all the routing protocols

Explanation Keeping Interface VLAN up in non-routable VDC may cause potential traffic blackhole

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

INTERFACE_VLAN-5

Error Message INTERFACE_VLAN-5-IF_DOWN_ADMIN_DOWN_VRF_INFO: Interface [chars] is down(Administratively Down) for VRF [chars]([dec])

Explanation Interface has been configured to be administratively down for mentioned VRF

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-5-SVI_INIT: SVI initialization failed with error [hex]

Explanation SVI initialization error

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-5-SVI_IOD_RELEASE_ERROR_RESPONSE: IM failed to release SVI IOD error [hex]

Explanation IM failed to release SVI IOD

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-5-SVI_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

Explanation SDB update failed for SVI

Recommended Action No action is required.

TAC Details show tech-support interface-vlan

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.

TAC Details show tech-support interface-vlan

Error Message INTERFACE_VLAN-5-UPDOWN_VRF_INFO: Line Protocol on Interface [chars], changed state to [chars] for VRF [chars]([dec])

Explanation Line protocol status changed for an interface for mentioned VRF

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 Messages

This section contains the IOA messages.

IOA-5

Error Message IOA-5-IOA_DISABLED: Feature IOA is Disabled now

Explanation IOA Service Disabled

Recommended Action No action is required.

Error Message IOA-5-IOA_ENABLED: Feature IOA is Enabled now

Explanation IOA Service Enabled

Recommended Action No action is required.

IPACL Messages

This section contains the IPACL messages.

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.

IPACL-3

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 warning message

Recommended Action No action is required.

IPACL-5

Error Message IPACL-5-NOTE: [chars]

Explanation Ipacl does not support this operation

Recommended Action No action is required.

IPACL-6

Error Message IPACL-6-INFO: [chars]

Explanation Ipacl event occurred

Recommended Action No action is required.

IPCONF Messages

This section contains the IPCONF messages.

IPCONF-1

Error Message IPCONF-1-DHCP_CLIENT_FAILED: dhcp-client failed to get the ip address

Explanation Dhcp-client failed to get the ip from server, probably due to server lease unavailability or cable disconnectivity .

Recommended Action

IPCONF-2

Error Message IPCONF-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.

IPCONF-3

Error Message IPCONF-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action

Error Message IPCONF-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.

IPCONF-4

Error Message IPCONF-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]

Explanation Duplicate address detected for IP address.

Recommended Action

Error Message IPCONF-4-DEL_DUP_HOST_WITH_SWITCHNAME: switchname configuration: deleting duplicate entry matching configuring switchname :[chars]

Explanation With switchname config ,we have to delete ip host entries if found matching with switchname

Recommended Action No action is required.

IPCONF-6

Error Message IPCONF-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message IPCONF-6-DHCP_CLIENT_SUCCESS: dhcp_client got ip address:[chars],net-mask:[chars] for mgmt interface,got from server:[chars]

Explanation Dhcp-client is able to get the ip address from server,

Recommended Action No action is required.

Error Message IPCONF-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 IPCONF-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 IPCONF-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 IPCONF-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

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 ' show system resources ' to check system memory contact support team

IPFC-3

Error Message IPFC-3-INIT_FAILED: Initialization of IPFC failed due to reason : [chars]

Explanation The service failed to start due to reason stated 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 for all the configured VSAN interfaces to check the internal status, show IPFC internal MIP to check the internal status.

Error Message IPFC-3-PSSERROR: IPFC manager encountered following PSS error : [chars]

Explanation IPFC manager encountered a PSS error. Feature may not work properly after switchover or 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.

IPFC-5

Error Message IPFC-5-CONFIG_EVENT: VSAN interface [dec] [chars]

Explanation Configuration changed [chars] for the specified VSAN [int]

Recommended Action No action is required.

Error Message IPFC-5-STATE_CHANGE: VSAN interface [dec] state changed to [chars]

Explanation The specified VSAN [int] Interface state is changed to [chars].

Recommended Action No action is required.

IPFC-6

Error Message IPFC-6-STARTING: IP Over Fiber Channel service started successfully

Explanation The service has successfully started.

Recommended Action No action is required.

IPFIB Messages

This section contains the IPFIB messages.

IPFIB-SLOT#-2

Error Message IPFIB-SLOT#-2-CLP_FIB_ADJ_EXHAUSTED: Adjacency allocation failed on instance [dec]

Explanation Failed to allocate an adjacency. Adjacency memory could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-2-CLP_FIB_LSMET_EXHAUSTED: ls-met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a ls-met entry. LS-MET table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-2-CLP_FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-2-F4_FIB_IPTMC_INVALID_INST_BITMAP: IPTMC sent invalid instance bitmap for VDC: %#x VPN: %#x, RX bitmap: %#x, lc_inst_bitmap: %#x

Explanation IPFIB received invalid VPN instance bitmap from IPTMC

Recommended Action No action is required.

Error Message IPFIB-SLOT#-2-F4_FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-2-FIB_TCAM_HA_ERROR: FIB recovery errors, please capture 'show tech forwarding l3 unicast' and 'show tech forwarding l3 multicast'

Explanation FIB had some HA recovery failures for certain prefixes/labels.

Recommended Action FIB recovery errors, please capture 'show tech forwarding l3 unicast' and 'show tech forwarding l3 multicast'

Error Message IPFIB-SLOT#-2-FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-2-FLN_FIB_IPTMC_INVALID_INST_BITMAP: IPTMC sent invalid instance bitmap for VDC: %#x VPN: %#x, RX bitmap: %#x, lc_inst_bitmap: %#x

Explanation IPFIB received invalid VPN instance bitmap from IPTMC

Recommended Action No action is required.

Error Message IPFIB-SLOT#-2-FLN_FIB_OTV_BD_LIF_NOT_READY: OTV VLAN [dec] for VDC [dec] was extended before hardware resource was allocated

Explanation Query for BD LIF failed for OTV extended VLAN

Recommended Action Please perform shut and no shut on the Overlay interface for the affected VLAN

Error Message IPFIB-SLOT#-2-FLN_FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

IPFIB-SLOT#-3

Error Message IPFIB-SLOT#-3-CLP_FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s) on instance [dec]

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-3-F4_FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s) on instance [dec]

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-3-FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s)

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-3-FLN_FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s) on instance [dec]

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action Consider changing the topology or the config to match the available resources.

IPFIB-SLOT#-4

Error Message IPFIB-SLOT#-4-CLP_FIB_ADJ_EXHAUST_CLRD_LOG: Adjacency exhaustion cleared on instance [dec]

Explanation Adjacency util became within system limits

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-CLP_FIB_ADJ_UTIL_WARNING: Adjacency memory utilization is at [dec] percent on instance [dec]

Explanation Adjacency memory utilization has reached its threshold

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-CLP_FIB_MCASTMET_EXHAUSTED: Met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a multicast met entry. Met table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-CLP_FIB_MCAST_OIFLIST_INSERT_FAIL: oiflist insertion failed [chars]

Explanation L3 oiflist insertion failed because Max supported l3 oiflist size is 4k

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-CLP_FIB_MDT_EXHAUSTED: mdt entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a mdt entry. Mdt table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-CLP_FIB_NO_STRICT_RPF_WARNING: Number of paths is greater than 16. Strict RPF is only supported for 16 or less ECMP paths

Explanation Strict RPF is supported only if number of paths is 16 or less

Recommended Action Consider changing the topology or the config to comply with the design.

Error Message IPFIB-SLOT#-4-CLP_FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-CLP_FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-CLP_FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-CLP_FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at [dec] percent for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-F4_FIB_ADJ_EXHAUSTED: ADJ entry allocation failed on vdc [dec]

Explanation Failed to allocate a ADJ entry. ADJ table for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_GLEAN_LEAK_TBL_TIMER_FAIL: starting the glean leak table timer failed

Explanation Starting the glean leak timer failed

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-F4_FIB_LSMET_EXHAUSTED: ECMP entry allocation from [chars] failed on vdc [dec]

Explanation Failed to allocate a ls-met entry. LS-MET table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_MCASTMET_EXHAUSTED: Met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a multicast met entry. Met table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_MCAST_OIFLIST_INSERT_FAIL: oiflist insertion failed [chars] explanation(l3 oiflist insertion failed becuae Max supported l3 oiflist size is 4k

Explanation

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_MDT_EXHAUSTED: mdt entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a mdt entry. Mdt table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_RIT_EXHAUSTED: RIT entry for [chars] region allocation failed on vdc [dec]

Explanation Failed to allocate a RIT entry. RIT table for this region could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-F4_FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-F4_FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-F4_FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-F4_FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at [dec] percent for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FIB_ADJ_UTIL_WARNING: Adjacency memory utilization is at [dec] percent

Explanation Adjacency memory utilization has is above its threshold

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FIB_TCAM_ADJ_EXHAUSTED: Adjacency allocation failed for [chars]

Explanation Failed to allocate an adjacency. Adjacency memory could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion fail for [chars]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion fail for [chars]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] [chars]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at 90 percent for [chars]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FLN_FIB_ADJ_EXHAUSTED: Adjacency allocation failed on instance [dec]

Explanation Failed to allocate an adjacency. Adjacency memory could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FLN_FIB_GLEAN_LEAK_TBL_TIMER_FAIL: starting the glean leak table timer failed

Explanation Starting the glean leak timer failed

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FLN_FIB_LSMET_EXHAUSTED: ls-met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a ls-met entry. LS-MET table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FLN_FIB_MCASTMET_EXHAUSTED: Met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a multicast met entry. Met table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FLN_FIB_MCAST_OIFLIST_INSERT_FAIL: oiflist insertion failed [chars]

Explanation L3 oiflist insertion failed because Max supported l3 oiflist size is 4k

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FLN_FIB_MDT_EXHAUSTED: mdt entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a mdt entry. Mdt table region for this entry could have been exhausted

Recommended Action Consider changing the topology or the config to match the available resources.

Error Message IPFIB-SLOT#-4-FLN_FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FLN_FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FLN_FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-FLN_FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at [dec] percent for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-IPFIB_GLEANFP_V4_PERINTGLEAN_ADJ_FAIL: Glean fp - Per interface glean v4 adj resource alloc failed

Explanation

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-IPFIB_GLEANFP_V6_PERINTGLEAN_ADJ_FAIL: Glean fp - Per interface glean v6 adj resource alloc failed

Explanation

Recommended Action No action is required.

Error Message IPFIB-SLOT#-4-IPFIB_PSS_RUNNING_OUT_OF_SPACE: PSS Global buffer running out of space

Explanation

Recommended Action No action is required.

IPSEC Messages

This section contains the IPSEC messages.

IPSEC-2

Error Message IPSEC-2-IPSEC_DISABLED_LIC_EXPIRED: IPsec Disabled due to License Expiry

Explanation IPsec is a licensed feature

Recommended Action No action is required.

Error Message IPSEC-2-IPSEC_DISABLED_LIC_EXPIRED: IPsec Disabled due to License Expiry

Explanation IPsec is a licensed feature

Recommended Action No action is required.

Error Message IPSEC-2-IPSEC_INIT: IPsec initialization failed due to [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_INIT: IPsec initialization failed due to [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 huge number of IPSEC policies in 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

Error Message IPSEC-2-IPSEC_SPD_OVERFLOW_DUE_TO_ACL: SPD Overflow on interface due to huge number of IPSEC policies in 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

Error Message IPSEC-2-LOG_CRIT_IPSEC_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

Error Message IPSEC-2-LOG_CRIT_IPSEC_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

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 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-3-14_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 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 Getting fips compliant random number failed

Recommended Action No action is required.

Error Message IPSEC-3-IPSEC_FIPS_TEST_FAILED: IPSEC FIPS compliance test failed

Explanation Getting fips compliant random number failed

Recommended Action No action is required.

Error Message IPSEC-3-IPSEC_MSG_SEND_FAILURE: Failed to send [chars] to SAP [dec] due to error [chars]

Explanation Failed to send a message to the SAP mentioned above

Recommended Action No action is required.

Error Message IPSEC-3-IPSEC_MSG_SEND_FAILURE: Failed to send [chars] to SAP [dec] due to error [chars]

Explanation Failed to send a message to the SAP mentioned above

Recommended Action No action is required.

Error Message IPSEC-3-LOG_ERR_IPSEC_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

Error Message IPSEC-3-LOG_ERR_IPSEC_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

IPSEC-4

Error Message IPSEC-4-LOG_WARN_IPSEC_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

Error Message IPSEC-4-LOG_WARN_IPSEC_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

IPSEC-5

Error Message IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: Updated IP ACL [chars] which is mapped to Crypto map [chars] with sequence number [dec] and the Crypto map is bound to interface(s)

Explanation IP ACL updated which is mapped to a crypto map that is bound to interface(s)

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: Updated IP ACL [chars] which is mapped to Crypto map [chars] with sequence number [dec] and the Crypto map is bound to interface(s)

Explanation IP ACL updated which is mapped to a crypto map that is bound to interface(s)

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_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_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_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_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.

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.

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], remote: [chars]/[chars]

Explanation IPsec tunnel created

Recommended Action No action is required.

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], remote: [chars]/[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], remote: [chars]/[chars]

Explanation IPsec tunnel deleted

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], remote: [chars]/[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], remote: [chars]/[chars]

Explanation IPsec tunnel rekeyed

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], remote: [chars]/[chars]

Explanation IPsec tunnel rekeyed

Recommended Action No action is required.

IPSEC-6

Error Message IPSEC-6-LOG_INFO_IPSEC_SMART_LIC: Smart License Information [[chars]]

Explanation Smart License Information

Recommended Action No action is required.

Error Message IPSEC-6-LOG_INFO_IPSEC_SMART_LIC: Smart License Information [[chars]]

Explanation Smart License Information

Recommended Action No action is required.

IPSEC-7

Error Message IPSEC-7-LOG_DEBUG_IPSEC_SMART_LIC: Smart License Debug Message [[chars]]

Explanation Smart License Debug Message

Recommended Action No action is required.

Error Message IPSEC-7-LOG_DEBUG_IPSEC_SMART_LIC: Smart License Debug Message [[chars]]

Explanation Smart License Debug Message

Recommended Action No action is required.

IPS_SB_MGR Messages

This section contains the IPS_SB_MGR messages.

IPS_SB_MGR-SLOT#-2

Error Message IPS_SB_MGR-SLOT#-2-NODE_CORE_NOT_RESPONDING: Core [dec] of Node [dec] is 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: Core [dec] of Node [dec] is not responding to heartbeats

Explanation Node manager is not receiving heartbeat responses from the node

Recommended Action Potential node software/Octeon issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-NODE_REIMAGE_PREPARE_FAIL: Disk formatting failed during node install of Node [dec]

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, on module [dec] port [dec]

Explanation The software servicing the data path on the port has failed

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-SBMGR_EVENT_CRIT: Sbmgr event: [chars]

Explanation

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 Please contact your support representative if the problem persists

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 Please contact your support representative if the problem persists

Error Message IPS_SB_MGR-SLOT#-3-FIPS_SELF_TEST_FAILURE: FIPS test failed in Crypto Core. Current state is [chars] . Restarting the Octeon processor ...

Explanation FIPS self test failed for fips algorithms self test. Restarting the Octeon processor for recovery

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-3-NODE_NOT_COMPAT_WITH_ADD_ON: Image is not compatible with svc linecard add-on image for svc-node [dec]

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#-3-NODE_NOT_COMPAT_WITH_CURRENT: Image is not compatible with current node image for svc-node [dec]

Explanation The new svc image is not compatible with the svc image currently running on the node

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-3-NODE_NOT_COMPAT_WITH_SUP: SVC Image for svc-node [dec] 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-OCTEON_MGR_BRINGUP_2: [chars]([dec])bringing up oct_mgr

Explanation Bringup

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-6-OCTEON_MGR_BRINGUP_3: [chars]([dec])bringing up: %p

Explanation Bringup

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-6-OCTEON_MGR_BRINGUP: [chars]([dec])bringing up oct_mgr rc [dec]

Explanation Bringup

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-6-SBMGR_EVENT: Following Sbmgr event has occurred : [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 failed during [chars] , with error [chars]

Explanation IPS initialization failed due to error mentioned

Recommended Action Please contact the 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-2-LOG_CRIT_IPS_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

IPS-3

Error Message IPS-3-DUP_IPV4_ADDR_DETECTED: Duplicate IP address (ip= [chars]) sent from link with mac address [chars]

Explanation Duplicate IPv4 address is configured in the network

Recommended Action Change IP Address of any one duplicate link

Error Message IPS-3-FCIP_FTA_ERA_35: ERA 0x35 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 Please contact the 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-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 Please contact the 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-FCIP_FTA_LOCATE_RBID_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-FCIP_FTRA_CFG_MISMATCH: Mismatch in FCIP FICON Tape Read Accelerator configuration with peer, error-id = [chars]

Explanation The FCIP FICON Tape Read Accelerator configuration does not match with peer's configuration

Recommended Action Fix the FCIP FICON Tape Read Accelerator configuration to be consistent with the peer

Error Message IPS-3-FCIP_LINK_STAT_LOSS_OF_SYNC: FCIP link failed due to loss of Sync, Error=[chars], Desc= [chars]

Explanation FCIP Link Failed with Loss of Sync.

Recommended Action No action is required.

Error Message IPS-3-IPS_CRYPTOFIPS_FAILED: IPS module [dec] has failed FIPS tests with reason : [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.

Error Message IPS-3-IPS_EGRESS_PERR: Parity error on dma-bridge egress occurred [dec] times

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_MODE_ERROR: IPS FIPS encountered the following error: [chars]

Explanation IPS module FIPS mode encountered error as stated above

Recommended Action Please contact the 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 Please contact the 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_INGRESS_PERR: Parity error detected on dma-bridge ingress [dec] times

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: CFS clear failed due to [chars]

Explanation An error occurred while clearing the CFS lock. The reason for the failure is stated above

Recommended Action Please contact the 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: CFS configuration commit failed due to [chars], with error [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: CFS configuration failed due to [chars], error = [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.

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: CFS configuration activation failed due to [chars], error [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_COMMIT_FAILED: CFS merge commit failed due to [chars], error = [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: CFS merge configuration failed due to [chars], error [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: CFS merge failed due to [chars], reason [chars]

Explanation An error occurred while merging the iSLB CFS fabrics. The reason for the failure is stated above

Recommended Action Please contact the 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_PRECOMMIT_FAILED: CFS merge failed during pre-commit due to [chars] with error [chars]

Explanation An error occurred while precommitting merge data. The reason for the failure is stated above

Recommended Action Please contact the 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: CFS merge request rejected due to [chars]

Explanation Merge requested rejected, due to reason given above

Recommended Action Please contact the 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_MERGING_CONFIG_DB_FAILED: CFS merge configuration database failed due to [chars], error [chars]

Explanation An error occurred while merging the config data. The reason for the failure is stated above

Recommended Action Please contact the 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: CFS precommit failed due to [chars], error [chars]

Explanation An error occurred while precommitting data. The reason for the failure is stated above

Recommended Action Please contact the 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: CFS pWWN reservation claim failed due to [chars]

Explanation PWWN reservation claim failed, due to reason above

Recommended Action Please contact the 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: PWWN reservation release failed due to [chars]

Explanation PWWN reservation release failed. The reason for the failure is stated above

Recommended Action Please contact the 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: CFS unlock failed due to [chars]

Explanation An error occurred while releasing the CFS lock. The reason for the failure is stated above

Recommended Action Please contact the 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_VRRP_DIST_FAILED: Distribution of the VRRP via CFS failed due to [chars]

Explanation An error occurred while distributing the VRRP CFS runtime data. The reason for the failure is stated above

Recommended Action Please contact the 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 failed with error [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 failed with status [hex] for VSAN [dec], retry in progress

Explanation ISLB zoneset activation failed. Zone server busy.

Recommended Action Retry the iSLB zoneset activation.

Error Message IPS-3-ISLB_ZONE_NO_ACTIVE_ZONESET: iSLB zoneset activation failed with status [hex] for VSAN [dec] , as no active zoneset present.

Explanation ISLB zoneset activation failed because no active zoneset found.

Recommended Action Activate a zoneset in the specified VSAN and retry

Error Message IPS-3-LOG_ERR_IPS_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

Error Message IPS-3-LRTP_HDR_SEQ_NUM_WRAP: LRTP: Initiator ([chars]) Target([chars]) sequence number has wrapped.

Explanation The difference between the current sequence number and the acknowledgement is a distance greater than 64k.

Recommended Action No action is required.

Error Message IPS-3-RED_PACKET_DROPS: Congestion detected on IPStorage port (buffer pool size: [dec])

Explanation Congestion detected on IPStorage port due to RED threshold limit

Recommended Action Please contact the 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-SB_MGR_CORE_FAILED: Ethernet Processing core [chars] failed due to [chars]

Explanation Ethernet Processing Core 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-4

Error Message IPS-4-FCIP_FTA_CFG_MISMATCH: Mismatch in FCIP Ficon Tape Acceleration configuration with peer, error = [chars]

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 hit 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.

Error Message IPS-4-FCIP_FTA_WARNING: FTA Warning in FCIP due to [chars]

Explanation FTA Warning with reason stated above

Recommended Action Informational, no action required

Error Message IPS-4-FCIP_LICENSE_BIND_FAILED: Bind failed for [chars] in node [chars] due to license failure.

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: FCIP XRC Acceleration deactivated due to license check failure (expired or no license)

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-LOG_WARN_IPS_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

Error Message IPS-4-PORT_IPCFG_FAILED: Cannot configure IP address for interface [chars]

Explanation Cannot configure IPS port IP address

Recommended Action No action is required.

IPS-5

Error Message IPS-5-FCIP_BIND_FAILED: Bind failed for FCIP tunnel [chars] due to [chars] for [chars]

Explanation FCIP/ISCSI Interface bind to Ethernet port failed

Recommended Action Verify configuration and topology Contact support if problem persists

Error Message IPS-5-FCIP_BPORT_KEEPALIVES_NOT_SUPPORTED: Bport Keepalives not supported for interface 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 releas

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FICON_LB_CFG_MISMATCH: [chars]: Mismatch in FCIP FICON Load Bal configuration with peer

Explanation The FCIP Ficon Load Balancer configuration does not match with peer's configuration

Recommended Action Fix the FCIP Ficon Load Balancer configuration to be consistent with the peer

Error Message IPS-5-FCIP_FTA_ACCEL_CHAIN_ABORTED: FCIP FiCon Tape Accelaration Exchange Aborted with following parameters : 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 Exchange being aborted with the parameters stated above

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 now

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

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] with the following parameters : 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] with the following parameters : 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 with FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] in 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

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_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: Received error = [chars] as FCIP is 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 Check FCIP related configuration

Error Message IPS-5-FCIP_PEER_CAVIUM: Peer FCIP [chars] is a IPS linecard

Explanation Peer linecard is a IPS

Recommended Action Informational no action required

Error Message IPS-5-FCIP_PEER_NON_CAVIUM: Peer FCIP [chars] is a non IPS linecard

Explanation Peer linecard is non IPS

Recommended Action Informational no action required

Error Message IPS-5-FCIP_RA_CFG_MISMATCH: Mismatch in FCIP Tape Read Acceleration capability with peer due to [chars]

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: Received error [chars] due to 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: Received error [chars] due to configuration mismatch in FCIP Write/Tape Acceleration, software capability is not matching with peer

Explanation The FCIP Write/Tape Acceleration software capability does not match with peer's software capability

Recommended Action Fix the FCIP software configuration to be consistent with the peer

Error Message IPS-5-FCIP_TSTAMP_CHK_FAILED: Timestamp check failed on ingressing frames with error = [chars]

Explanation Timestamp between local and remote side exceeds the configured tolerance

Recommended Action No action is required.

Error Message IPS-5-FCIP_UNBIND_FAILED: UNBIND failed for FCIP interface [chars] due to error [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: Received error [chars] due to 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: Hit error [chars] as FCIP Write Acceleration between Host [hex] and Target [hex] received XFER-RDY after exhcnge cleanup.

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: Error [chars] occured due to 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: FCIP packet dropped due to ACL configuration , Details : [chars]

Explanation Details of the packet dropped due to ACLs

Recommended Action No action is required.

Error Message IPS-5-IPS_MGR_FEATURE_ENABLE: [chars] 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.

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: iSCSI Session create failed on interface [chars], from initiator [chars] to target [chars]. Error: [chars]

Explanation iSCSI Session Create failed , detail and reason as stated above

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_CREATE_REDIRECT: iSCSI Session created with interface [chars], initiator [chars], target [chars], redirected to pwn/interface : [chars]/[chars]

Explanation iSCSI Session Create redirected

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_REDIRECT_TIMEOUT: iSCSI Session initiator in node [chars] with IP Address [chars], redirected to Interface [chars] timed out

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-LRTP_HDR_FCID_MISMATCH: LRTP header s_id(=[hex]) d_id(=[hex]) do not match with the inner header s_id(=[hex]) d_id(=[hex]) for Initiator ([chars]) Target([chars]) pair

Explanation The s_id and/or the d_id field in the frame's LRTP header does not match the s_id or d_id field in the inner header

Recommended Action No action is required.

Error Message IPS-5-SFRAME_ENTITY_ID_MISMATCH: Profile ID mismatch detected with error [chars] on special frame

Explanation Special frame received and destination profile ID does not match with local profile ID

Recommended Action No action is required.

Error Message IPS-5-SFRAME_FABRIC_WWN_MISMATCH: Received a special frame from the fabric with wrong wwn, error = [chars]

Explanation Fabric wwn does not match local source/destination for the special frame received

Recommended Action No action is required.

Error Message IPS-5-SFRAME_IF_ADMIN_DOWN: Special frame received but interface is down, Error = [chars]

Explanation Special frame received and interface is admin down

Recommended Action No action is required.

Error Message IPS-5-SFRAME_IF_NOT_ENABLED: Special frame is received, although it is not enabled, Error = [chars]

Explanation Special frame received, although special frame configuration is disabled on the interface

Recommended Action No action is required.

Error Message IPS-5-SFRAME_INVALID_NONCE: Special frame response has invalid nonce for FCIP , error = [chars]

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: Special frame was not received by passive-side FCIP, Error = [chars]

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: Special frame response has byte mismatch for FCIP , error = [chars]

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: Special frame response was not received by active-side FCIP, error = [chars]

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.

IPS-6

Error Message IPS-6-FCIP_FTA_READ_ACCEL_STARTED: Read Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA Read Acceleration started

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_READ_ACCEL_STOPPED: Read Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB reads

Explanation FCIP-FTA Read Acceleration stopped

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_WRITE_ACCEL_STARTED: Write Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA Write Acceleration started

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_WRITE_ACCEL_STOPPED: Write 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 Write Acceleration stopped

Recommended Action Informational no action required

Error Message IPS-6-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.

Error Message IPS-6-LOG_INFO_IPS_SMART_LIC: Smart License Information [[chars]]

Explanation Smart License Information

Recommended Action No action is required.

IPS-7

Error Message IPS-7-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 No action is required.

Error Message IPS-7-ISCSI_FCNS_QUERY_REQ: ISCSI FCNS query returns [hex], Parameters : wait [dec], VSAN [dec], Init: [chars]

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message IPS-7-ISCSI_FCNS_QUERY_RESP: iSCSI FCNS query response result = [hex], with parameters as following targets [dec] , wait [dec], Init: [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_REQ: ISCSI FCNS query returned [hex], for VSANs [chars], and Init [chars]

Explanation ISCSI FCNS query with parameter as stated above

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_RESP: ISCSI FCNS query returned [hex]; Result is as following : [dec] entries, [dec] targets, [dec] total targets, and Init [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISLB_CFS_MERGE_CLEARED: CFS merge has been cleared due to [chars]

Explanation CFS merge cleared, due to reason stated above

Recommended Action No action is required.

Error Message IPS-7-ISNS_SVR_ERR_RESPONSE: iSNS server returned error (id = [dec]) on iSNS request for interface [chars]

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.

Error Message IPS-7-LOG_DEBUG_IPS_SMART_LIC: Smart License Debug Message [[chars]]

Explanation Smart License Debug Message

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 caused a system failure-App: INVISTA

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-0-MSM_EMERG: [chars]

Explanation ISAPI caused a system failure-Card type: MSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-0-NSP_EMERG: [chars]

Explanation ISAPI caused a system failure-App: NSP

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-0-SSM_EMERG: [chars]

Explanation ISAPI caused a system failure-Card type: SSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-0-SSN_EMERG: [chars]

Explanation ISAPI caused a system failure-Card type: SSN

Recommended Action *CONTACT_TAC*

ISAPI-SLOT#-1

Error Message ISAPI-SLOT#-1-INVISTA_ALERT: [chars]

Explanation ISAPI caused failures in dependent services-App: INVISTA

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-1-MSM_ALERT: [chars]

Explanation ISAPI caused failures in dependent services-Card type: MSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-1-NSP_ALERT: [chars]

Explanation ISAPI caused failures in dependent services-App: NSP

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-1-SSM_ALERT: [chars]

Explanation ISAPI caused failures in dependent services-Card type: SSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-1-SSN_ALERT: [chars]

Explanation ISAPI caused failures in dependent services-Card type: SSN

Recommended Action *CONTACT_TAC*

ISAPI-SLOT#-2

Error Message ISAPI-SLOT#-2-INVISTA_CRIT: [chars]

Explanation ISAPI encountered a catastrophic error-App: INVISTA

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-2-MSM_CRIT: [chars]

Explanation ISAPI encountered a catastrophic error-Card type: MSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-2-NSP_CRIT: [chars]

Explanation ISAPI encountered a catastrophic error-App: NSP

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-2-SSM_CRIT: [chars]

Explanation ISAPI encountered a catastrophic error-Card type: SSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-2-SSN_CRIT: [chars]

Explanation ISAPI encountered a catastrophic error-Card type: SSN

Recommended Action No action is required.

ISAPI-SLOT#-3

Error Message ISAPI-SLOT#-3-INVISTA_ERROR: [chars]

Explanation ISAPI encountered an error-App: INVISTA

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-3-MSM_ERROR: [chars]

Explanation ISAPI encountered an error-Card type: MSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-3-NSP_ERROR: [chars]

Explanation ISAPI encountered an error-App: NSP

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-3-SSM_ERROR: [chars]

Explanation ISAPI encountered an error-Card type: SSM

Recommended Action *CONTACT_TAC*

Error Message ISAPI-SLOT#-3-SSN_ERROR: [chars]

Explanation ISAPI encountered an error-Card type: SSN

Recommended Action *CONTACT_TAC*

ISAPI-SLOT#-4

Error Message ISAPI-SLOT#-4-INVISTA_WARN: [chars]

Explanation ISAPI warning message-App: INVISTA

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-MSM_WARN: [chars]

Explanation ISAPI warning message-Card type: MSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-NSP_WARN: [chars]

Explanation ISAPI warning message-App: NSP

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSM_WARN: [chars]

Explanation ISAPI warning message-Card type: SSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSN_WARN: [chars]

Explanation ISAPI warning message-Card type: SSN

Recommended Action No action is required.

ISAPI-SLOT#-5

Error Message ISAPI-SLOT#-5-INVISTA_NOTICE: [chars]

Explanation ISAPI notice-App: INVISTA

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-MSM_NOTICE: [chars]

Explanation ISAPI notice-Card type: MSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-NSP_NOTICE: [chars]

Explanation ISAPI notice-App: NSP

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSM_NOTICE: [chars]

Explanation ISAPI notice-Card type: SSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSN_NOTICE: [chars]

Explanation ISAPI notice-Card type: SSN

Recommended Action No action is required.

ISAPI-SLOT#-6

Error Message ISAPI-SLOT#-6-INVISTA_INFO: [chars]

Explanation ISAPI event occurred-App: INVISTA

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-MSM_INFO: [chars]

Explanation ISAPI event occurred-Card type: MSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-NSP_INFO: [chars]

Explanation ISAPI event occurred-App: NSP

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-SSM_INFO: [chars]

Explanation ISAPI event occurred-Card type: SSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-SSN_INFO: [chars]

Explanation ISAPI event occurred-Card type: SSN

Recommended Action No action is required.

ISAPI-SLOT#-7

Error Message ISAPI-SLOT#-7-INVISTA_DEBUG: [chars]

Explanation ISAPI debug message-App: INVISTA

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-MSM_DEBUG: [chars]

Explanation ISAPI debug message-Card type: MSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-NSP_DEBUG: [chars]

Explanation ISAPI debug message-App: NSP

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSM_DEBUG: [chars]

Explanation ISAPI debug message-Card type: SSM

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSN_DEBUG: [chars]

Explanation ISAPI debug message-Card type: SSN

Recommended Action No action is required.

ISNS Messages

This section contains the ISNS messages.

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: Virtual Pfcid autolearn Failed due to 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_ACTION_FAIL: Virtual Pfcid autolearn Failed due to 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: Virtual Pfcid Autolearn Failed due to 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-AUTOLEARN_FEATURE_NOT_SUPPORT: Virtual Pfcid Autolearn Failed due to 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 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-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 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_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_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-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.

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.

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-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-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-IVR_NAT_INFO: Only IVR NAT is supported on this platform in this NX-OS release. IVR NAT is not enabled by default - it must be explicitly enabled.

Explanation Only IVR NAT is supported on this platform in this NX-OS release. IVR NAT is not enabled by default - it must be explicitly enabled.

Recommended Action No action is required.

Error Message IVR-2-IVR_NAT_INFO: Only IVR NAT is supported on this platform in this NX-OS release. IVR NAT is not enabled by default - it must be explicitly enabled.

Explanation Only IVR NAT is supported on this platform in this NX-OS release. IVR NAT is not enabled by default - it must be explicitly enabled.

Recommended Action No action is required.

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-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_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

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

Error Message `IVR-2-PERSISTENT_VIRTUAL_FCID_CONFLICT_WITH_AUTOLEARN`: Conflicting happens between user-configured 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_CONFLICT_WITH_AUTOLEARN`: Conflicting happens between user-configured 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: Device with port WWN [chars] could not be exported 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-PERSISTENT_VIRTUAL_FCID_UNAVAILABLE: Device with port WWN [chars] could not be exported 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-SLCRIT: [chars]

Explanation IVR Smart License Critical: [chars]

Recommended Action No action is required.

Error Message IVR-2-SLCRIT: [chars]

Explanation IVR Smart License Critical: [chars]

Recommended Action No action is required.

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_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: Device with port WWN [chars] could not be exported 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

Error Message `IVR-2-VIRTUAL_FCID_UNAVAILABLE: Device with port WWN [chars] could not be exported 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.

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.

Error Message `IVR-3-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode deregister failed. Error code is [chars].`

Explanation Abstract ACL Manager (AAM) mode deregister failed

Recommended Action No action is required.

Error Message `IVR-3-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode deregister failed. Error code is [chars].`

Explanation Abstract ACL Manager (AAM) mode deregister failed

Recommended Action No action is required.

Error Message IVR-3-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM) register failed. Error code is [chars].

Explanation Abstract ACL Manager (AAM) register failed

Recommended Action No action is required.

Error Message IVR-3-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM) register failed. Error code is [chars].

Explanation Abstract ACL Manager (AAM) register failed

Recommended Action No action is required.

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_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_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-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-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-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.

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.

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_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_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-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-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_PREENT_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.

Error Message `IVR-3-DEVICE_NOT_PREENT_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.

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_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-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-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_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.

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.

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-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_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-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-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-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-IVR_DU_VSAN_IS_SEGMENTED: AFID [dec] VSAN [dec] is segmented, VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Explanation DU Vsan Segmented, ivr traffic may be impact by du vsan segmentation.

Recommended Action Please contact the 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-IVR_DU_VSAN_IS_SEGMENTED: AFID [dec] VSAN [dec] is segmented, VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Explanation DU Vsan Segmented, ivr traffic may be impact by du vsan segmentation.

Recommended Action Please contact the 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-IVR_NAT_OFF_IS_SAB: IVR NAT must be enabled before IVR zoneset activation for Sabre platform.

Explanation IVR NAT must be enabled before IVR zoneset activation for Sabre platform.

Recommended Action No action is required.

Error Message IVR-3-IVR_NAT_OFF_IS_SAB: IVR NAT must be enabled before IVR zoneset activation for Sabre platform.

Explanation IVR NAT must be enabled before IVR zoneset activation for Sabre platform.

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 failed in 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 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.

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.

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_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-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-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_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: IVR merge failed and the 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-MERGE_FAILED: IVR merge failed and the 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-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.

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.

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_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_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-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-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-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.

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.

Error Message IVR-3-SLERR: [chars]

Explanation IVR Smart License Error: [chars]

Recommended Action No action is required.

Error Message IVR-3-SLERR: [chars]

Explanation IVR Smart License Error: [chars]

Recommended Action No action is required.

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-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-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-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-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 communicate in this VSAN.

Recommended Action No action is required.

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 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.

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.

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.

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-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-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-IVR_DISABLE_DELAY: IVR disable operation may take time as [chars] and an 'operation timed out' message might be thrown by Feature manager. Run 'Show feature' command to verify IVR is disabled.

Explanation IVR enabled vsans have not been configured locally. IVR disable will induce forced clean up might take time.

Recommended Action No action is required.

Error Message IVR-4-IVR_DISABLE_DELAY: IVR disable operation may take time as [chars] and an 'operation timed out' message might be thrown by Feature manager. Run 'Show feature' command to verify IVR is disabled.

Explanation IVR enabled vsans have not been configured locally. IVR disable will induce forced clean up might take time.

Recommended Action No action is required.

Error Message IVR-4-IVR_REMOVED_PENDING_CFG: IVR was removed while there were still pending IVR configurations. Forceful cleanup was triggered and the pending configurations were not saved.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup. The pending IVR configurations were not saved.

Recommended Action No action is required.

Error Message IVR-4-IVR_REMOVED_PENDING_CFG: IVR was removed while there were still pending IVR configurations. Forceful cleanup was triggered and the pending configurations were not saved.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup. The pending IVR configurations were not saved.

Recommended Action No action is required.

Error Message IVR-4-IVR_VDC_FORCEFUL_CLEANUP: IVR was removed with VDC delete/reload/suspend, Forceful cleanup was triggered.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup.

Recommended Action No action is required.

Error Message IVR-4-IVR_VDC_FORCEFUL_CLEANUP: IVR was removed with VDC delete/reload/suspend, Forceful cleanup was triggered.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup.

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_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-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.

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.

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-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-SLWARN: [chars]

Explanation IVR Smart License Warning: [chars]

Recommended Action No action is required.

Error Message IVR-4-SLWARN: [chars]

Explanation IVR Smart License Warning: [chars]

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.

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: Abstract ACL Manager (AAM) mode has been de-registered

Explanation Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_DEREGISTERED: Abstract ACL Manager (AAM) mode has been de-registered

Explanation Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been regis-tered

Explanation Abstract ACL Manager (AAM) mode has been registered

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been regis-tered

Explanation Abstract ACL Manager (AAM) mode has been registered

Recommended Action No action is required.

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_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-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-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-IVR_DU_VSAN_NO_LONGER_SEGMENTED: AFID [dec] VSAN [dec] is no longer segmented

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 Please contact the 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-5-IVR_DU_VSAN_NO_LONGER_SEGMENTED: AFID [dec] VSAN [dec] is no longer segmented

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 Please contact the 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-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_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-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_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.

Error Message IVR-5-IVZ_ACTIVATED: Inter-VSAN zoneset [chars] activated

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action No action is required.

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_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_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_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_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_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-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.

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.

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_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-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_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.

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_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.

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.

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_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_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-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.

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.

Error Message IVR-6-SLINFO: [chars]

Explanation IVR Smart License Information: [chars]

Recommended Action No action is required.

Error Message IVR-6-SLINFO: [chars]

Explanation IVR Smart License Information: [chars]

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_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.

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.

Error Message IVR-7-SLDEBUG: [chars]

Explanation IVR Smart License Debug: [chars]

Recommended Action No action is required.

Error Message IVR-7-SLDEBUG: [chars]

Explanation IVR Smart License Debug: [chars]

Recommended Action No action is required.

L2FMC Messages

This section contains the L2FMC messages.

L2FMC-SLOT#-0

Error Message L2FMC-SLOT#-0-L2FMC_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2FMC failed to initialize CLI infrastructure's backend library. This is a fatal error.

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 No action is required.

Recommended Action

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.

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.

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's backend library. This is a fatal error.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

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.

TAC Details please collect 'show tech-support l2fm detail'

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.

TAC Details please collect 'show tech-support l2fm detail'

L2FM-1

Error Message L2FM-1-L2FM_CRDCFG_ERROR: Card config has returned error %#x for slot [dec]

Explanation L2fm queried Card config for slot info and it has returned error. The slot may not have been added correctly

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-1-L2FM_HW_UNSECURED_TO_SECURED_MAC_MOVE: Mac Address ([chars]) move from unsecured hardware learnt interface to secured interface ([chars]) detected

Explanation Mac Address originally learnt via hardware on a unsecured interface prior to notification to software has moved to a secured interface.

Recommended Action No action is required.

TAC Details please collect 'show tech-support security' and 'show tech-support l2fm detail'

Error Message L2FM-1-L2FM_LINE_FULL_CONDITION_STRING: Error: %#x Failed to insert MAC due to line full condition [chars]

Explanation Unable to insert the MAC as hardware lines are full

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail' and 'show tech-support module <>

Error Message L2FM-1-L2FM_LINE_FULL_CONDITION: Error: %#x Failed to insert MAC in slot [dec] due to line full condition

Explanation Unable to insert the MAC as hardware lines are full

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail' and 'show tech-support module <>

Error Message L2FM-1-L2FM_ORIB_SENDS_INCORRECT_IFIDX: Incorrect ifidx received from Orib. Please check mac [chars] vlan [dec]

Explanation L2fm has received a mac insert/delete from Orib with incorrect ifidx. Please check otv mac entries

Recommended Action No action is required.

TAC Details l2fm has received a mac insert/delete from Orib with incorrect ifidx. Please check otv mac entries and collect 'show tech-support l2fm detail'

Error Message L2FM-1-L2FM_OWNER_NOT_FOUND: Error : fe owner not found for mac entry [chars] in age notif sent from slot = [dec], fe = [dec]

Explanation L2fm has received an age notification from the linecard but does not have the mac owner in its database

Recommended Action No action is required.

TAC Details No action is required.

Error Message L2FM-1-L2FM_SDB_NOT_FLUSHED: Error : [dec] mac entries have not flushed from l2fm sdb

Explanation Due to an internal error l2fm has not written mac entries to its sdb

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

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.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-1-L2FM_UNSECURED_TO_SECURED_MAC_MOVE: Mac Address ([chars]) move from unsecured interface ([chars]) to secured interface ([chars]) detected

Explanation Mac Address originally learnt on a unsecured interface has moved to a secured interface.

Recommended Action No action is required.

TAC Details please collect 'show tech-support security' and 'show tech-support l2fm detail'

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.

TAC Details please collect 'show tech-support l2fm detail'

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.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_CFS_OUT_OF_ORDER: Error: Received Message for STATIC MAC INSERT/DELETE as Out Of Order from vpc peer due to congestion. Please check mac programming for Router macs.Flap interface-vlans if necessary to correct the programming

Explanation Messages over peer-link could be received out of order due to congestion

Recommended Action No action is required.

TAC Details please collect 'show tech-support cfs name l2fm commands' and 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_CFS_REGIST_FAILED: Registration with CFS failed. Please issue a system switchover as workaround

Explanation Registration with CFS failed

Recommended Action No action is required.

TAC Details please collect 'show tech-support cfs name l2fm commands' and 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_CONTINUOUS_MAC_MOVE: Mac Address ([chars]) in Vlan [dec] is moving continuously. Mac moved between [chars] to [chars]. Please enable \'logging level l2fm 4\' for verbose output .

Explanation MAC is moving continuously

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_GET_MAC_RECOVERY_RETRY_FAILED: Not received ([chars]) Response for Get Mac Recovery Retry Request, bailing out!

Explanation Not received [string] Response for Get Mac Recovery Retry Request, bailing out!

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

TAC Details please collect 'show tech-support l2fm detail' and 'show tech-support details'

Error Message L2FM-2-L2FM_GET_MAC_RECOVERY_RETRY: Not received ([chars]) Response for Get Mac Recovery Request, retrying...

Explanation Not received [string] Response for Get Mac Recovery Request, retrying...

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.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_LOCK_MAC_MOVE_FE: MAC MOVE Global threshold reached - Locking MAC Learn on Slot [dec] FE list ([chars])

Explanation Mac move global threshold reached and locking mac learning on slot [dec] asic list [string]

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_RMDB_MAC_MATCH_WITH_SMAC: MAC synch fails - Collison occurred due to existing static MAC - Same static \'`MAC([chars]) VLAN:[dec]`\' should be configured on VPC peer

Explanation The dynamic MAC synched from peer orphan port match with static `MAC[chars] VLAN:[dec]`.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_SMAC_INS_FAILED: Static mac insert failed!VLAN:[dec] MAC:[chars] IfIndex:%#x Slot:[dec]

Explanation Failed to insert static mac for `VLAN:[dec] MAC:[chars] IfIndex:[hex] Slot:[dec]`

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail' and 'show tech-support module <>'

Error Message L2FM-2-L2FM_SMAC_MATCH_WITH_RMDB_MAC: VPC peer MAC sync mismatch - Same static \'`MAC:[chars] VLAN:[dec]`\' should be configured on VPC peer

Explanation The dynamic MAC synched from peer orphan port match with static `MAC:[chars] VLAN:[dec]`.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-2-L2FM_UPDATE_LOST_HINTS: mac [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated by slot [dec] fe_index [dec], from [hex] to [hex], with [hex] new hints and losing %08 old_hints. stack trace: [chars]

Explanation An update from MTM looks inconsistent with the previous state

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

L2FM-4

Error Message L2FM-4-L2FM_MAC_MOVE: Mac [chars] in vlan [dec] has moved from [chars] to [chars]

Explanation Mac [string] in vlan [dec] has moved from [string] to [string]

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-4-L2FM_MOVE_LEARN_DISABLE: [chars]. Vlan [dec] selected for [chars] notif to ELTM

Explanation VLAN going through MAC MOVE protection

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-4-L2FM_MOVE_MOVE_THRESHOLD_VALUE: [chars]

Explanation FE/VLAN threshold value changed to greater value

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

L2FM-5

Error Message L2FM-5-L2FM_CFS_SEND_FAILED: cfs send failed, num [dec]

Explanation Failed to send message to peer through cfs

Recommended Action No action is required.

TAC Details please collect 'show tech-support cfs name l2fm commands' and 'show tech-support l2fm detail'

Error Message L2FM-5-L2FM_MAC_REROUTE_TIME: Mac reroute took [dec] seconds for slot [dec], app rr token %#x, client rr token %#x

Explanation MAC reroute is taking more time

Recommended Action No action is required.

TAC Details please collect 'show tech-support lacp all and 'show tech-support l2fm detail'

Error Message L2FM-5-L2FM_MTS_SEND_FAILED: Failed to send MTS message errno %#x opcode [dec]

Explanation Failed to send MTS message errno [hex] opcode [dec]

Recommended Action No action is required.

Error Message L2FM-5-L2FM_MTS_SEND_OVERSIZE: Trying to send MTS message with size [dec] max_size [dec] opcode [dec]

Explanation Trying to send MTS message with size [dec] max_size [dec] opcode [dec]

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message L2FM-5-L2FM_VLAN_MODE_CHANGE_TO_NON_CONV: Vlan [dec] has been internally changed to non conversational mode on SVI CREATE

Explanation Change vlan learning mode to non conversational mode on SVI CREATE

Recommended Action No action is required.

TAC Details No action is required.

Error Message L2FM-5-L2FM_VLAN_MODE_REVERTED_BACK: Vlan [dec] has been internally changed to user configured learning mode on SVI DELETE. Mac entries installed non-optimally due to SVI up will get removed from all FEs once ages out

Explanation Change vlan learning mode to user configured value on SVI DELETE

Recommended Action No action is required.

TAC Details No action is required.

L2FM-6

Error Message L2FM-6-L2FM_DYN_MAC_INS_FAILED: Dynamic mac insertion failure!fail_cnt:[dec] Slot:[dec]

Explanation Failed to insert dynamic macs fail_cnt:[dec] for Slot:[Slot]

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail' and 'show tech-support module <>

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's backend library. This is a fatal error.

Recommended Action No action is required.

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_MAC_FULL_LC: Failed to insert entry in MAC table for FE [dec] swidx [dec] ([hex]) with err ([chars]). To avoid possible multicast traffic loss, disable OMF. Use the configuration CLI: no ip igmp snooping optimise-multicast-flood

Explanation Failed to program the MAC table. MAC table line full for this entry

Recommended Action No action is required.

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 No action is required.

Recommended Action

L2MCAST-SLOT#-3

Error Message L2MCAST-SLOT#-3-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#-3-L2MCAST_MAC_TABLE_THRESHOLD_E8_EXCEEDED: Warning : Layer 2 Multicast Mac table entry count has reached [dec] percent of Recommended limit ([dec])

Explanation MAC table usage has reached Recommended threshold

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-3-L2MCAST_MAC_TABLE_THRESHOLD_EXCEEDED: Warning : Layer 2 Multicast Mac table entry count on instance [dec] has reached [dec] percent of Recommended limit ([dec])

Explanation MAC table usage has reached Recommended threshold

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-3-L2MCAST_MAC_TABLE_USAGE_UNDER_E8_THRESHOLD: L2 Multicast Mac table usage recovered, under [dec] percent of Recommended limit ([dec])

Explanation MAC table usage is recovered , is under the Recommended threshold

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-3-L2MCAST_MAC_TABLE_USAGE_UNDER_THRESHOLD: L2 Multicast Mac table usage recovered on instance [dec], under [dec] percent of Recommended limit ([dec])

Explanation MAC table usage is recovered , is under the Recommended threshold

Recommended Action No action is required.

L2MCAST-SLOT#-6

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.

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.

L2PT Messages

This section contains the L2PT messages.

L2PT-2

Error Message L2PT-2-THRESHOLDLIMIT: [chars]

Explanation Interface has reached threshold limits

Recommended Action No action is required.

L2PT-5

Error Message L2PT-5-CONFIGDELETE: [chars]

Explanation L2PT configuration deleted on an interface

Recommended Action No action is required.

L2PT-6

Error Message L2PT-6-NATIVE_VLAN_TAGGING: [chars]

Explanation Native vlan tagging should be enabled for proper functioning of dot1q tunnel interface. Refer to documentation for further details

Recommended Action No action is required.

L3VM Messages

This section contains the L3VM messages.

L3VM-2

Error Message L3VM-2-L3VM_NS_CREATE_FAILED: Failed to create a new network namespace [chars]. errno: [dec] ([chars])

Explanation Namespace creation failed

Recommended Action No action is required.

Error Message L3VM-2-L3VM_NS_CREATE_GENERIC_ERROR: [chars] [chars]. errno: [dec] ([chars])

Explanation Namespace creation generic failure

Recommended Action No action is required.

Error Message L3VM-2-L3VM_VRF_LIMIT_REACHED: Maximum VRF count reached. Cannot create VRF [chars]. Please delete some unused VRFs before proceeding.

Explanation VRF limit failed

Recommended Action No action is required.

L3VM-5

Error Message L3VM-5-FP_TPG_CREATE: Fabricpath topology [dec] created

Explanation FP-Topology created

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_DELETE: Fabricpath topology [dec] deleted

Explanation FP-Topology deleted

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_INTF_DOWN: Interface [chars] down in fabricpath topology [dec] [chars]

Explanation Interface in a FP-Topology went down

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_INTF_UP: Interface [chars] up in fabricpath topology [dec]

Explanation Interface in a FP-Topology is up

Recommended Action No action is required.

LC-QOS Messages

This section contains the LC-QOS messages.

LC-QOS-3

Error Message LC-QOS-3-ERROR: [chars]

Explanation Lc_qos_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 LC_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_MNT_MGR Messages

This section contains the LC_MNT_MGR messages.

LC_MNT_MGR-SLOT#-2

Error Message LC_MNT_MGR-SLOT#-2-LC_MNT_MGR_ERROR: [chars]

Explanation Lc_mnt_mgr syslog message

Recommended Action No action is required.

LC_PORT_CHANNEL Messages

This section contains the LC_PORT_CHANNEL messages.

LC_PORT_CHANNEL-1

Error Message LC_PORT_CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])

Explanation No enough memory

Recommended Action No action is required.

LC_PORT_CHANNEL-3

Error Message LC_PORT_CHANNEL-3-LC_PORT_CHANNEL_DELETED_WITH_MEMBERS: [chars] info is freed with members present

Explanation Pc data freed with non zero member count

Recommended Action No action is required.

Error Message LC_PORT_CHANNEL-3-LC_PORT_CHANNEL_IDXMAP_FAILURE: [chars] deleted

Explanation Could not lookup port index for interface [chars]

Recommended Action No action is required.

Error Message LC_PORT_CHANNEL-3-LC_PORT_CHANNEL_MBR_PC_INFO_INCORRECT: member pc info for interface [chars] pointing to old pc

Explanation Member pc info pointing to old pc

Recommended Action No action is required.

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_IDXMAP_FAILURE: could not lookup port index for interface [chars]

Explanation Could not look up port index

Recommended Action No action is required.

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]

Explanation RDL Init Failed: [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.

LC_RDL-6

Error Message LC_RDL-6-SYSLOG_DEBUG: : [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]

Explanation RDL context error: [chars]

Recommended Action No action is required.

LDAP Messages

This section contains the LDAP messages.

LDAP-2

Error Message LDAP-2-LDAP_PROGRAM_EXIT: LDAP daemon exiting: [chars]

Explanation LDAP 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.

LDAP-3

Error Message LDAP-3-LDAP_ERROR_MESSAGE: [chars]

Explanation LDAP Error Message

Recommended Action No action is required.

LDAP-5

Error Message LDAP-5-LDAP_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Ldap server monitor status change

Recommended Action No action is required.

Error Message LDAP-5-LDAP_SERVER_STATUS: [chars] server [chars] with 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 Ldap server status change

Recommended Action No action is required.

LDAP-6

Error Message LDAP-6-LDAP_MESSAGE: [chars]

Explanation LDAP Message

Recommended Action No action is required.

LDP Messages

This section contains the LDP messages.

LDP-5

Error Message LDP-5-LDP_DISABLED: LDP Disabled

Explanation MPLS_LDP Service Disabled

Recommended Action No action is required.

Error Message LDP-5-LDP_ENABLED: LDP Enabled

Explanation MPLS_LDP Service nabled

Recommended Action No action is required.

LED_MGR Messages

This section contains the LED_MGR messages.

LED_MGR-SLOT#-3

Error Message LED_MGR-SLOT#-3-LED_MGR_EXITED: LED Manager application exited (syserr = [dec], errno = [dec])

Explanation LED Manager application exited

Recommended Action No action is required.

Error Message LED_MGR-SLOT#-3-LED_MGR_SELECT_ERR: LED Manager application call to select() returned [dec], (errno = [dec])

Explanation LED Manager application received error from select()

Recommended Action No action is required.

LIBBASE_SVC Messages

This section contains the LIBBASE_SVC messages.

LIBBASE_SVC-2

Error Message LIBBASE_SVC-2-INIT_FAILED: Initialization failed: [chars], Reason: [hex]

Explanation Initialization failure

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-INIT_FAILED: Initialization failed: [chars], Reason: [hex]

Explanation Initialization failure

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-IT_NEXUS_CONFIG_FAILURE: IT Nexus config failed due to the following reason : [chars]

Explanation Configuration failed due to reason stated above

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-IT_NEXUS_CONFIG_FAILURE: IT Nexus config failed due to the following reason : [chars]

Explanation Configuration failed due to reason stated above

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound to site [chars], as the IOA interface in the crypto node reached the maximum flow limit

Explanation IOA interface reached maximum flow limit

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound to site [chars], as the IOA interface in the crypto node reached the maximum flow limit

Explanation IOA interface reached maximum flow limit

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LICENSE_EXPIRED: License expired - Disabling [chars]

Explanation License expired/not present - Disabling feature

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LICENSE_EXPIRED: License expired - Disabling [chars]

Explanation License expired/not present - Disabling feature

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LICENSE_ON_GRACE_PERIOD: No license. Feature will be shut down after a grace period of approximately [dec] days

Explanation Feature is on license grace period. Please acquire actual license.

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LICENSE_ON_GRACE_PERIOD: No license. Feature will be shut down after a grace period of approximately [dec] days

Explanation Feature is on license grace period. Please acquire actual license.

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LOG_CRIT_BASE_SVC_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LOG_CRIT_BASE_SVC_SMART_LIC: Smart License Critical Error [[chars]]

Explanation Smart license critical notification needs attention

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LOG_ERR_BASE_SVC_TOM_ABORTED: IOA Cluster message aborted in Cluster:[chars] with Message Id: [hex]

Explanation An IOA Cluster Message was aborted by the Cluster process

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LOG_ERR_BASE_SVC_TOM_ABORTED: IOA Cluster message aborted in Cluster:[chars] with Message Id: [hex]

Explanation An IOA Cluster Message was aborted by the Cluster process

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-SITE_MISCONFIG: Cluster [chars] has more than 2 sites. Check the site configuration and delete the unintended sites

Explanation Cluster can have atmost 2 sites

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-SITE_MISCONFIG: Cluster [chars] has more than 2 sites. Check the site configuration and delete the unintended sites

Explanation Cluster can have atmost 2 sites

Recommended Action No action is required.

LIBBASE_SVC-3

Error Message LIBBASE_SVC-3-DBSYNC_REJECT: Database Synchronization [chars] for a new cluster (Id 0x%llx) Rejected; Reason - [chars].

Explanation A switch can be part of only one cluster

Recommended Action No action is required.

Error Message LIBBASE_SVC-3-DBSYNC_REJECT: Database Synchronization [chars] for a new cluster (Id 0x%llx) Rejected; Reason - [chars].

Explanation A switch can be part of only one cluster

Recommended Action No action is required.

Error Message LIBBASE_SVC-3-LOG_ERR_BASE_SVC_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

Error Message LIBBASE_SVC-3-LOG_ERR_BASE_SVC_SMART_LIC: Smart License Error [[chars]]

Explanation Smart License State Error needs attention

Recommended Action No action is required.

LIBBASE_SVC-4

Error Message LIBBASE_SVC-4-FCR_VER2_NOT_ENABLED: FCR Version2 is not enabled. May affect IOA flows. Please enable fc-redirect version2

Explanation FCR Version2 should be enabled for IOA flows to work properly

Recommended Action No action is required.

Error Message LIBBASE_SVC-4-FCR_VER2_NOT_ENABLED: FCR Version2 is not enabled. May affect IOA flows. Please enable fc-redirect version2

Explanation FCR Version2 should be enabled for IOA flows to work properly

Recommended Action No action is required.

Error Message LIBBASE_SVC-4-LOG_WARN_BASE_SVC_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

Error Message LIBBASE_SVC-4-LOG_WARN_BASE_SVC_SMART_LIC: Smart License Warning [[chars]]

Explanation Smart License State Warning needs attention

Recommended Action No action is required.

LIBBASE_SVC-5

Error Message LIBBASE_SVC-5-CLUSTER_INTF_ADDED: Interface now part of cluster [chars] with ID [chars] as a service node [chars].

Explanation Interface added to cluster successfully

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-CLUSTER_INTF_ADDED: Interface now part of cluster [chars] with ID [chars] as a service node [chars].

Explanation Interface added to cluster successfully

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-CLUSTER_INTF_REMOVED: Interface now removed from cluster [chars] with ID [chars] as a service node [chars].

Explanation Interface removed from cluster successfully

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-CLUSTER_INTF_REMOVED: Interface now removed from cluster [chars] with ID [chars] as a service node [chars].

Explanation Interface removed from cluster successfully

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-> [chars] exists already, disallowed to be added to multiple clusters

Explanation Flow cannot be part of multiple clusters

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-> [chars] exists already, disallowed to be added to multiple clusters

Explanation Flow cannot be part of multiple clusters

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-INTERFACE_DOWN: Interface ([chars]) DOWN

Explanation Interface state changed to DOWN

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-INTERFACE_DOWN: Interface ([chars]) DOWN

Explanation Interface state changed to DOWN

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-INTERFACE_UP: Interface ([chars]) is UP

Explanation Interface state changed to UP

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-INTERFACE_UP: Interface ([chars]) is UP

Explanation Interface state changed to UP

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 due to the given reason

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 due to the given reason

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 Interface Flow Limit reached for this IOA interface

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 Interface Flow Limit reached for this IOA interface

Recommended Action No action is required.

LIBBASE_SVC-6

Error Message LIBBASE_SVC-6-LOG_INFO_BASE_SVC_SMART_LIC: Smart License Information [[chars]]

Explanation Smart License Information

Recommended Action No action is required.

Error Message LIBBASE_SVC-6-LOG_INFO_BASE_SVC_SMART_LIC: Smart License Information [[chars]]

Explanation Smart License Information

Recommended Action No action is required.

LIBBASE_SVC-7

Error Message LIBBASE_SVC-7-LOG_DEBUG_BASE_SVC_SMART_LIC: Smart License Debug Message [[chars]]

Explanation Smart License Debug Message

Recommended Action No action is required.

Error Message LIBBASE_SVC-7-LOG_DEBUG_BASE_SVC_SMART_LIC: Smart License Debug Message
[[chars]]

Explanation Smart License Debug Message

Recommended Action No action is required.

LIBBOOTVAR Messages

This section contains the LIBBOOTVAR messages.

LIBBOOTVAR-3

Error Message LIBBOOTVAR-3-LIB_MSG_TLV_ERR: TLV error in [chars]. @tlv/type/len/ret_code
[hex]/[dec]/[hex]/[hex] - [chars]

Explanation

Recommended Action No action is required.

Error Message LIBBOOTVAR-3-LIB_MTS_MSG_ERR: MTS error in [chars]. [chars] direction, re-
turn code = [dec]

Explanation

Recommended Action No action is required.

Error Message LIBBOOTVAR-3-LIB_RX_MSG_ERR: Receive message in [chars]. Opcode [dec] =
[chars]

Explanation

Recommended Action No action is required.

Error Message LIBBOOTVAR-3-LIB_SEND_MSG_ERR: Send message in [chars]. Opcode [dec] =,
[chars], return code = [dec]

Explanation

Recommended Action No action is required.

LIBBOOTVAR-6

Error Message LIBBOOTVAR-6-LIB_INIT_CALLBACK: Init callback for msg index [dec] in
[chars]. [chars], total callbacks = [dec]

Explanation

Recommended Action No action is required.

Error Message LIBBOOTVAR-6-LIB_SYMBOL_LOAD: Loading callback symbol load in [chars].
[chars], [chars]

Explanation

Recommended Action No action is required.

LIBDCDI Messages

This section contains the LIBDCDI messages.

LIBDCDI-2

Error Message LIBDCDI-2-DCDI_ERR: DATACORRUPTION-DATAINCONSISTENCY: [chars] -Traceback=
[chars]

Explanation

Recommended Action

LIBIFMGR Messages

This section contains the LIBIFMGR messages.

LIBIFMGR-5

Error Message LIBIFMGR-5-ALL_COUNTERS_CLEARED: All interface counters cleared by user

Explanation All interface counters cleared by user.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message LIBIFMGR-5-INTF_COUNTERS_CLEARED: Interface [chars]counters cleared by user

Explanation Interface counters cleared by user.

Recommended Action LOG_STD_SH_TECH_ACTION

LIBOSC Messages

This section contains the LIBOSC messages.

LIBOSC-2

Error Message LIBOSC-2-OSC_ERR: [chars]

Explanation

Recommended Action***LIBSDWRAP Messages***

This section contains the LIBSDWRAP messages.

LIBSDWRAP-5

Error Message LIBSDWRAP-5-SDWRAP_FUNC_LIB: [chars]

Explanation Function called successfully

Recommended Action No action is required.

Error Message LIBSDWRAP-5-SDWRAP_LOAD_LIB: [chars]

Explanation Library loaded successfully

Recommended Action No action is required.

Error Message LIBSDWRAP-5-SDWRAP_UNLOAD_LIB: [chars]

Explanation Library unloaded successfully

Recommended Action No action is required.

LIBSYSMGR Messages

This section contains the LIBSYSMGR messages.

LIBSYSMGR-2

Error Message LIBSYSMGR-2-CLI_RSPFAILED: Unable to respond to CLI request (opcode [dec]) for service [chars] (PID [dec]): [chars] ([dec]).

Explanation A service was unable to respond to a CLI 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 LIBSYSMGR-2-GSYNC_GETFAILED: Unable to request global sync for service [chars] (PID [dec]): [chars] ([dec]).

Explanation The system was unable to request global sync for the listed 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 LIBSYSMGR-2-GSYNC_RSPFAILED: Unable to respond to System Manager's global sync request for service [chars] (PID [dec]): [chars] ([dec]).

Explanation The service was unable to send a global sync response to 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.

Error Message LIBSYSMGR-2-MCAST_FEATURE_SET_OP_ERR: vdc [dec] mcast mts send errors with errno [dec]

Explanation MTS send to multicast to LCs 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 LIBSYSMGR-2-SWITCHOVER_RSPFAILED: Unable to respond to System Manager's switchover request for service [chars] in vdc [dec], daddr = [hex], msgid = [hex], opc = [dec], (PID [dec]): [chars] ([dec]).

Explanation The service was unable to send a switchover response to 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.

Error Message LIBSYSMGR-2-SYSMGR_MALLOC_FAIL: [chars]: malloc ([dec] bytes) for [chars] failed [chars]([dec])

Explanation Allocating memory 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 LIBSYSMGR-2-XLLIB_INVALID: Invalid translation library [chars] for service [chars]: [chars].

Explanation

Recommended Action No action is required.

LIBSYSMGR-3

Error Message LIBSYSMGR-3-CFGACTION_RSPFAILED: Unable to respond to System Manager's configuration action request for service [chars] (PID [dec]): [chars] ([dec]).

Explanation

Recommended Action Please contact the 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 LIBSYSMGR-3-HANDSHAKEFAILED: Handshake with System Manager failed for service [chars] (PID [dec]): [chars] ([dec]).

Explanation The listed service has not been able to handshake with the 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.

Error Message LIBSYSMGR-3-HASEQNO_SYNC_FAILED: Unable to sync HA sequence number (0x%l1X) for service [chars] (PID [dec]): [chars] ([dec]).

Explanation

Recommended Action Please contact the 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 LIBSYSMGR-3-HEARTBEAT_FAILED: Unable to send heartbeat to System Manager for service [chars] (PID [dec]): [chars] ([dec]).

Explanation The listed service has not been able to heartbeat with the 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.

Error Message LIBSYSMGR-3-MTSError: [chars] (PID [dec]) exits at mts_rcv return errno [dec]

Explanation

Recommended Action No action is required.

Error Message LIBSYSMGR-3-ND_UPGD_RECOVERY_RSP_FAILED: Non disruptive upgrade failure for service [chars] (PID [dec]): [chars] ([dec]).

Explanation Non-disruptive upgrade for the listed service has failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-NOMEMORY: [chars] at line [dec] is empty: not enough memory.

Explanation Memory allocation has failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-PLUGIN_RSP_SEND_FAILED: vdc [dec] Failed to send response to Plugin Manager for opcode [dec] (errno: [dec])

Explanation The listed service was unable to send a MTS response to the Plugin 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 LIBSYSMGR-3-SEQNOTABLEALLOC_FAILED: Unable to allocate HA table for service [chars] (PID [dec]): [chars] ([dec]) [[chars]].

Explanation

Recommended Action Please contact the 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 LIBSYSMGR-3-SIGTERM_FORCE_EXIT: Service [chars] (PID [dec]) is forced exit.

Explanation The listed service has been forced to exit.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-SYSMGR_PSS_DEBUG_COPY_FAILED: At [chars]([dec]), PSS Snapshot debug copy failed. Error: [hex]([chars])

Explanation Copy if PSS snapshot for debugging purposes failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-UPGRADE_EXIT: [chars] (PID [dec]) exits as a result of downgrade

Explanation The service will be exiting as part of the downgrade processing. No action is required.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-VDC_CREATE_FAILED: VDC create request from service [chars] failed for vdc [dec] ([chars]: error-id [hex])

Explanation VDC creation request from the listed service has failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-VDC_DELETE_FAILED: VDC delete request from service [chars] failed for vdc [dec] ([chars]: error-id [hex])

Explanation VDC deletion request from the listed service has failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-VDC_MODIFY_POLICY_FAILED: VDC policies modification request from service [chars] failed for vdc [dec] ([chars]: error-id [hex])

Explanation VDC policies modification request from the listed service has failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-3-XLLIB_FAILURE: Translation library [chars] failed for service [chars] (error-id [hex]).

Explanation The translation library for the listed service failed. The service will be restarted statelessly.

Recommended Action No action is required.

LIBSYSMGR-4

Error Message LIBSYSMGR-4-PIDSTOPPED: PID [dec] stopped waiting for the debugger

Explanation This message is used for debugging only and may be ignored.

Recommended Action No action is required.

LIBSYSMGR-5

Error Message LIBSYSMGR-5-XLLIB_SUCCESS: Translation library [chars] succeeded for service [chars].

Explanation The translation library for the listed service has succeeded.

Recommended Action No action is required.

LIBSYSMGR-6

Error Message LIBSYSMGR-6-FROMSHELL_CONTINUE: This service should be started by the System Manager (PID [dec]). Proceeding anyway.

Explanation The listed service should only be started by System Manager but is being started anyway.

Recommended Action No action is required.

Error Message LIBSYSMGR-6-SRVSTARTED: Service [chars] started. Attempting a [chars].

Explanation A service has been started

Recommended Action No action is required.

Error Message LIBSYSMGR-6-STARTEDFROMSHELL: This service must be started by the System Manager (PID [dec]) [[chars]] started by (PPID [dec]) [[chars]]

Explanation The listed service must be started by System Manager.

Recommended Action No action is required.

LIBSYSMGR-7

Error Message LIBSYSMGR-7-SIGACTION_FAILED: Unable to install [chars] handler for service [chars] (PID [dec]): [chars] ([dec]).

Explanation Installation of the signal handler for the listed service failed.

Recommended Action No action is required.

Error Message LIBSYSMGR-7-SIGTERM_RECEIVED: Service [chars] has received SIGTERM.

Explanation The listed service has received SIGTERM;

Recommended Action No action is required.

Error Message LIBSYSMGR-7-SYMFOUND: Function [chars]() defined by service [chars].

Explanation The service has defined the callback function. This message is for debugging only.

Recommended Action No action is required.

Error Message LIBSYSMGR-7-SYMNOTFOUND: Function [chars]() not defined by service [chars].

Explanation The service has not defined the callback function. This message is for debugging only.

Recommended Action No action is required.

LICMGR Messages

This section contains the LICMGR messages.

LICMGR-0

Error Message LICMGR-0-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature [chars].

Explanation Unlicensed feature [chars] has exceeded its grace time period. Applications using will be shut down immediately.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-0-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature [chars].

Explanation Unlicensed feature [chars] has exceeded its grace time period. Applications using will be shut down immediately.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

LICMGR-1

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRED: 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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRED: 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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRY_WARNING_ALERT: License for feature [chars] will expire in [dec] days.

Explanation Feature [chars] has very limited time for expiry. Feature will expire in [dec] days and will be shut down.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRY_WARNING_ALERT: License for feature [chars] will expire in [dec] days.

Explanation Feature [chars] has very limited time for expiry. Feature will expire in [dec] days and will be shut down.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

Error Message LICMGR-1-LOG_LIC_NO_LIC_ALERT: No license(s) present for feature [chars]. Application(s) running in grace-period and will be 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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

Error Message LICMGR-1-LOG_LIC_NO_LIC_ALERT: No license(s) present for feature [chars]. Application(s) running in grace-period and will be 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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

LICMGR-2

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage'.

TAC Details Ask customer to buy licenses for particular Application.

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.

Required Info Check output of 'show processes | include licmgr' and 'show cores'.

TAC Details Collect tech-support from customer 'show tech-support license'.

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.

Required Info Check output of 'show processes | include licmgr' and 'show cores'.

TAC Details Collect tech-support from customer 'show tech-support license'.

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.

Required Info Check license file using command 'show license'.

TAC Details Ask customer to collect output of 'show license' and 'show processes'.

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.

Required Info Check license file using command 'show license'.

TAC Details Ask customer to collect output of 'show license' and 'show processes'.

Error Message LICMGR-2-LOG_LIC_MISSING_WARNING: A feature that requires [chars] license is not installed. System supports honor based licensing so feature will continue to be fully functional. Use 'show license usage ' to find features using missing license.

Explanation Package [chars] has not been licensed. The feature will work in honor mode.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage '.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

Error Message LICMGR-2-LOG_LIC_MISSING_WARNING: A feature that requires [chars] license is not installed. System supports honor based licensing so feature will continue to be fully functional. Use 'show license usage ' to find features using missing license.

Explanation Package [chars] has not been licensed. The feature will work in honor mode.

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage '.

TAC Details Ask customer to buy licenses for particular feature. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info None.

TAC Details Ask customer to buy licenses for particular feature.

Error Message LICMGR-2-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 SYSLOGDOC_LICENSE_REQUIRED

Required Info None.

TAC Details Ask customer to buy licenses for particular 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.

Required Info If you have purchased a Cisco support contract please call Cisco TAC for support.

TAC Details Please contact the Cisco reseller through which you procured the product for support.

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.

Required Info If you have purchased a Cisco support contract please call Cisco TAC for support.

TAC Details Please contact the Cisco reseller through which you procured the product for support.

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

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

Required Info Collect output of 'show license usage', 'show license usage feature' and 'show license'.

TAC Details Ask customer to install the licenses.

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

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

Required Info Collect output of 'show license usage', 'show license usage feature' and 'show license'.

TAC Details Ask customer to install the licenses.

Error Message LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid SERVER line. Vendor daemon down

Explanation Vendor daemon is down

Recommended Action

Required Info Check license file using command 'show license'.

TAC Details Ask customer to collect output of 'show license' and 'show processes'.

Error Message LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid SERVER line. Vendor daemon down

Explanation Vendor daemon is down

Recommended Action

Required Info Check license file using command 'show license'.

TAC Details Ask customer to collect output of 'show license' and 'show processes'.

LICMGR-3

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.

Required Info Use command 'show clock' to check current time and 'clock timezone' to set the clock.

TAC Details Collect tech-support from customer 'show tech-support license'.

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.

Required Info Use command 'show clock' to check current time and 'clock timezone' to set the clock.

TAC Details Collect tech-support from customer 'show tech-support license'.

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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage' and 'show tech-support license'

TAC Details Try to run 'terminal unhide', 'clear license sprom' and then reinstall the license. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage' and 'show tech-support license'

TAC Details Try to run 'terminal unhide', 'clear license sprom' and then reinstall the license. Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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.

Required Info Collect output of 'show license host-id' and 'show license'

TAC Details Ask customer to run 'show license host-id' and 'show license' and compare value of hostid in 'show license host-id' with HOSTID in 'show license'. They should match.

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.

Required Info Collect output of 'show license host-id' and 'show license'

TAC Details Ask customer to run 'show license host-id' and 'show license' and compare value of hostid in 'show license host-id' with HOSTID in 'show license'. They should match.

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.

Required Info Enable debugs using command 'debug license mts' and collect collect tech support 'show tech-support license'.

TAC Details Ask customer to enable debugs using command 'debug license mts'.

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.

Required Info Enable debugs using command 'debug license mts' and collect collect tech support 'show tech-support license'.

TAC Details Ask customer to enable debugs using command 'debug license mts'.

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.

Required Info Collect output of commands 'show running-config license all' 'show tech-support license' 'debug license all'.

TAC Details Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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.

Required Info Collect output of commands 'show running-config license all' 'show tech-support license' 'debug license all'.

TAC Details Go through Troubleshoot section of wiki: <https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage' and 'show tech-support license'

TAC Details Try to run terminal unhide, clear license sprom Go through Troubleshoot section of wiki:

<https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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 SYSLOGDOC_LICENSE_REQUIRED

Required Info Collect output of 'show license usage' and 'show tech-support license'

TAC Details Try to run terminal unhide, clear license sprom Go through Troubleshoot section of wiki:

<https://wiki.cisco.com/display/IETC/Cisco+NX-OS+Licensing+Doc>

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.

Required Info Collect output of 'show license usage', 'show license usage feature_name' and 'show license default'.

TAC Details Ask customer to collect output of 'show license usage', 'show license usage feature_name' and 'show license default'.

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.

Required Info Collect output of 'show license usage', 'show license usage feature_name' and 'show license default'.

TAC Details Ask customer to collect output of 'show license usage', 'show license usage feature_name' and 'show license default'.

LICMGR-4

Error Message LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: 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 SYSLOGDOC_LICENSE_REQUIRED

Error Message LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: 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 SYSLOGDOC_LICENSE_REQUIRED

LICMGR-6

Error Message LICMGR-6-LOG_CHECKPOINT_CREATED: auto checkpoint [chars] 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.

Error Message LICMGR-6-LOG_CHECKPOINT_CREATED: auto checkpoint [chars] 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.

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_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_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_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_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.

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.

LIM Messages

This section contains the LIM messages.

LIM-2

Error Message LIM-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 LIM-2-IF_DOWN_LINK_FAILURE_CRIT: 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 LIM-2-SYSLOG_LIM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

LIM-3

Error Message LIM-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 LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-3-IF_SEQ_ERROR: Error ([chars] communicating with [chars] for opcode [chars] ([chars]) #ifndef FINAL Follow LIM FAQ #2,#3 at: [https://wiki.cisco.com/display/LIMGROUP/LIM FAQ](https://wiki.cisco.com/display/LIMGROUP/LIM+FAQ) #endif)

Explanation Some component returned system error as a response to one of the port event sequence.

Recommended Action None

Error Message LIM-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 LIM-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

Error Message LIM-3-IF_XCVR_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 LIM-3-IF_XCVR_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

Error Message LIM-3-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 None

LIM-4

Error Message LIM-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message LIM-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 LIM-4-IF_XCVR_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

LIM-5

Error Message LIM-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED : Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION : Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 LIM-5-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-5-IF_DOWN_INTERFACE_REMOVED : Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 LIM-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

Error Message LIM-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command 'show port internal info/event-history' to determine why it went down

Error Message LIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DOWN_PARENT_ADMIN_DOWN : Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 LIM-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 LIM-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 LIM-5-IF_DOWN_RCF_IN_PROGRESS : Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-5-IF_DOWN_SRC_PORT_NOT_BOUND : Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-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 LIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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 SYSLOGDOC_NO_ACTION

Error Message LIM-5-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

Error Message LIM-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action SYSLOGDOC_NO_ACTION

Error Message LIM-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

Error Message LIM-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 SYSLOGDOC_NO_ACTION

LIT Messages

This section contains the LIT messages.

LIT-6

Error Message LIT-6-LIT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

LLDP Messages

This section contains the LLDP messages.

LLDP-1

Error Message LLDP-1-NO_DCBX_ACKS_RECV_FOR_LAST_10_PDUs: No Acks have been received on Interface [chars] for last [dec] DCBX PDUs

Explanation No Acks Received

Recommended Action No action is required.

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.

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.

Error Message LLDP-3-LLDP_PC_MAC_NOT_CONSISTENT: Member links mac address is not same for port-channel [chars]

Explanation Mac address inconsistent for PC

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] with enabled capability [chars]

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.

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.

M2FIB Messages

This section contains the M2FIB messages.

M2FIB-SLOT#-0

Error Message M2FIB-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation M2FIB failed to initialize CLI infrastructure\'s backend library. This is a fatal error.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation M2FIB failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

M2FIB-SLOT#-2

Error Message M2FIB-SLOT#-2-M2FIB_MAC_TBL_PRGMING: Failed to program the mac table on FE [dec] for group: FTAG [dec], ([dec] (BD [dec]), *, [chars]). Error: [chars]. To avoid multicast traffic loss, disable OMF using the CLI: no ip igmp snooping optimise-multicast-flood

Explanation No action is required.

Recommended Action

Error Message M2FIB-SLOT#-2-M2FIB_MEM_ALLOC: Memory allocation failed. [chars]

Explanation No action is required.

Recommended Action

Error Message M2FIB-SLOT#-2-VLAN_NOT_FOUND: M2fib recvd invalid vlan!

Explanation M2FIB failed to process the route update as the vlan recvd was invalid

Recommended Action No action is required.

M2FIB-SLOT#-6

Error Message M2FIB-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation M2FIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in M2FIB was successful.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation M2FIB has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_VLAN_CREATED: VLAN [dec] created in VDC [dec]

Explanation M2FIB has added VLAN [dec] in VDC [dec].

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation M2FIB has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

M2RIB Messages

This section contains the M2RIB messages.

M2RIB-0

Error Message M2RIB-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation M2RIB failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

M2RIB-2

Error Message M2RIB-2-FLOOD_PROG_ERR1: Prev:[chars], Collect console logs and output of show tech-support m2rib

Explanation M2RIB has hit flood prog error. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-FLOOD_PROG_ERR2: Curr:[chars], Collect console logs and output of show tech-support m2rib

Explanation M2RIB has hit flood prog error. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation M2RIB encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message M2RIB-2-M2RIB_INIT: M2RIB initialization of [chars] [chars]

Explanation M2RIB 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 M2RIB-2-MFDM_API_ERROR: ERROR PROG FLOOD ROUTES: Status:[chars] Msg_Ref_State:[hex] Prev_Count:[dec] Curr_Count:[dec] Prev_Msg:[hex] Curr_Msg:[hex], Collect output of show tech-support m2rib

Explanation MFDM returned Failure for flood programming. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-MFDM_TIMEOUT_ERR: M2RIB timed out waiting for MFDM: Transaction: %p, Transaction entry: [chars]

Explanation Transaction timer for the message sent from M2RIB to MFDM has expired. Ack not received from MFDM.

Recommended Action No action is required.

M2RIB-3

Error Message M2RIB-3-MFDM_PIXM_OAM_LTL_ALLOC_ERR: M2RIB received failure in response for LTL allocation for Fabricpath OAM

Explanation Failure in allocation of Core port LTL for Fabricpath OAM MTrace

Recommended Action No action is required.

M2RIB-6

Error Message M2RIB-6-INITIALIZED: Internal state created [chars]

Explanation M2RIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message M2RIB-6-SERVICE_UP: Initialized [chars]

Explanation M2RIB line 2.

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.

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.

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-2

Error Message MCM-2-MCM_CRITICAL_ERROR: Internal Critical Error

Explanation Some critical error

Recommended Action No action is required.

Error Message MCM-2-MCM_REPLICATION_DISABLED: Proxy layer-3 modules are not available for replication. Proxy layer-3 multicast replication is disabled.

Explanation Replication is disabled

Recommended Action No action is required.

Error Message MCM-2-MCM_REQ_RESP_ERROR: Error ([hex]: [chars]) while communicating with component :[chars], opcode: [chars] (for: [chars])

Explanation Error in request-response handshake

Recommended Action No action is required.

Error Message MCM-2-MCM_ROUTING_DISABLED: Proxy layer-3 modules are not available for routing. Proxy layer-3 forwarding is disabled.

Explanation Routing is disabled

Recommended Action No action is required.

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.

MCM-6

Error Message MCM-6-MCM_REPLICATION_ENABLED: Proxy layer-3 modules are UP and available for replication. Proxy layer-3 multicast replication is enabled.

Explanation Replication is enabled

Recommended Action No action is required.

Error Message MCM-6-MCM_ROUTING_ENABLED: Proxy layer-3 modules are UP and available for routing. Proxy layer-3 forwarding is enabled.

Explanation Routing is enabled

Recommended Action No action is required.

METROPOLIS_USD Messages

This section contains the METROPOLIS_USD messages.

METROPOLIS_USD-3

Error Message METROPOLIS_USD-3-METRO_MSG1: [chars]

Explanation METRO log message

Recommended Action No action is required.

MFDM Messages

This section contains the MFDM messages.

MFDM-2

Error Message MFDM-2-DI_DEALLOC: DI is de-allocated but ltl_node ref_count = [dec]. Please collect show tech-support forwarding l2/l3 multicast and show tech-support pxim-all

Explanation Received PIXM DI dealloc response while ltl_node can't be deleted

Recommended Action No action is required.

Error Message MFDM-2-DI_REUSE: LTL node exists with DI [dec] oiflist_index [dec] type [dec] and same DI returned for oiflist_index [dec] type [dec] Please collect show tech-support forwarding l2/l3 multicast and show tech-support pixm.

Explanation PIXM returned duplicate DI.

Recommended Action No action is required.

Error Message MFDM-2-DOWNLOAD_TIMEOUT: Download of L2/L3 route databases timed out : download_in_progress_slots [hex] for database [chars] [chars] [chars]

Explanation Download of L2/L3 route databases timed out. Download triggered by VMM insert request.

Recommended Action No action is required.

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.

Error Message MFDM-2-LC_ACK_TIMEOUT: Ack from slot:[chars] timeout - xid:[hex], opcode:[chars], [chars].

Explanation Response from LC timeout for update

Recommended Action No action is required.

Error Message MFDM-2-MFDM_DEBUG: mfib_route_resp msg payload may corrupted. Please collect tech-support for l3 forward multicast

Explanation Mfib route length error

Recommended Action No action is required.

Error Message MFDM-2-OTV_NO_ENCAP: Received OTV route update with no encap info : vlan [dec] group [chars]/[dec] source [chars]/[dec] delivery source [chars] delivery group

[chars] noifs [dec]. Please collect show tech-support otv and show tech-support forwarding otv multicast

Explanation Received OTV route with no encap info.

Recommended Action No action is required.

Error Message MFDM-2-REF_OUTOFSYNC: In Decrement ltl_node ref_count: [dec] is less than count: [dec] passed in for DI: [hex], oiflist_index: [dec], type: [dec]. Possible PI/PD refcount out-of-sync. Please collect show tech-support forwarding distribution l2/l3 multicast and show tech-support pixm.

Explanation MFDM PI/PD refcount out-of-sync

Recommended Action No action is required.

MKA Messages

This section contains the MKA messages.

MKA-2

Error Message MKA-2-DBG_INIT_FAILED: Debug Infrastructure Initialization for MKA failed with error([chars])

Explanation MKA failed to initialize with Debug Infrastructure. This may render any debugging facilities of MKA unusable.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for MKA and SDWRAP and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message MKA-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization for MKA failed with error ([chars])

Explanation MKA failed to initialize with Finite State Machine Infrastructure. This may effect SXP and MACSec functionality of MKA.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for MKA and SDWRAP and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message MKA-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization for MKA failed with error ([chars])

Explanation MKA failed to initialize with the IPC infrastructure. Due to this failure, the process will be unable to communicate with the system, rendering MKA functionality unusable.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile 5. show system internal mts event-history errors

TAC Details Please analyze errors for MKA, MTS and the logging info to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

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

Explanation Memory allocation for MKA failed. This may affect MKA functionality on the device.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal memory-alerts-log

TAC Details Please analyze mem-stats, errors for MKA in the tech-support and the logging info to determine the time/events after which the failures occurred. Verify if the scale in use is supported in the software version. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message MKA-2-MKA_FIPS_BYPASS_TEST_FAILED: FIPS bypass test failed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message MKA-2-MKA_KEY_EXPIRED: MACSec Key expired on interface [chars], session will be cleaned up

Explanation This indicates that keychain/keys in use have been deleted or expired and no more valid keys are available to use with the configured keychain on the interface.

Recommended Action Configure valid keys for the keychain in use on the interface or modify the keychain in use for the interface.

Error Message MKA-2-POST_INIT_FAILED: Post-Initialization tasks for MKA failed with error ([chars])

Explanation MKA failed to initialize databases after basic initialization.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile

TAC Details Please analyze errors for MKA to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

Error Message MKA-2-PSS_INIT_FAILED: PSS Infrastructure Initialization for MKA failed with error ([chars])

Explanation MKA failed to initialize with PSS infrastructure. This may affect MKA functionality.

Recommended Action Please collect outputs for show tech-support MKA , contact your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support MKA 2. show running-config 3. show accounting log 4. show logging logfile 5. sh system internal sdwrap errors sap

TAC Details Please analyze errors for MKA to determine the time/events after which the failures occurred. Use Topic Search to identify if this or similar issues are known in the software version used. If the root-cause cannot be determined, please report the problem.

MKA-3

Error Message MKA-3-MKA_PLATFORM_RXSA_UPDATE_ERROR: Failed to install Rx SA in the hardware for ifindex [hex] AN [dec]

Explanation No free TCAM line was available to program the new key.

Recommended Action If the session is secured and datapath is encrypted without drops, then nothing to do. However if session is NOT secured (or) datapath gets compromised then, shut and unshut the port.

Error Message MKA-3-MKA_PLATFORM_TXSA_UPDATE_ERROR: Failed to install Tx SA in the hardware for ifindex [hex] AN [dec]

Explanation No free TCAM line was available to program the new key.

Recommended Action If the session is secured and datapath is encrypted without drops, then nothing to do. However if session is NOT secured (or) datapath gets compromised then, shut and unshut the port.

Error Message MKA-3-MKA_PORT_PART_OF_PC: Failed to configure MKA on [chars] since it is part of a Port channel

Explanation Indicates failure in MKA configuration on a port since it is part of a port-channel.

Recommended Action Please configure MKA on the port-channel instead of the member port.

MKA-4

Error Message MKA-4-MKA_INCOMPAT_PC_CONFIG: Incompatible MKA configuration detected on members of interface [chars].

Explanation This error may be seen when the device is upgraded to a version that enforces port-channel compatibility, and incompatible config exists from the lower version.

Recommended Action Please issue relevant MKA commands directly under the interface port-channel mode in order to have compatible configuration.

Error Message MKA-4-MKA_INTF_UPGRADE: MKA Interface [chars] is now undergoing disruptive upgrade and may drop traffic. The interface may be moved to error disabled state due to traffic loss and should be restored to normal MACSec operation after system/module upgrade.

Explanation

Recommended Action Provision for redundant MKA links during ISSU since non-disruptive upgrade of MKA interfaces is currently not supported. In case any errors are seen after upgrade is completed, a manual flap of the port is Recommended.

Error Message MKA-4-MKA_LIVE_PEER_LOSS: Live peer loss with SCI [chars] MI [chars] detected on interface [chars].

Explanation This indicates that loss of a live peer was detected on the MKA session running on the interface. This could occur due to peer going down, deletion of configuration on the peer or a MKA PDU keep-alive loss. The session will be re-initialized if there are no more live or potential peers.

Recommended Action *None*

Error Message MKA-4-MKA_PLATFORM_RXSA_DELETE_ERROR: Failed to delete Rx SA in the hardware for ifindex [hex] AN [dec]

Explanation Either the key was deleted already (or) an incorrect instruction was given by the MKA app to the hardware and the hardware failed to find such an entry to delete.

Recommended Action If the session is secured and datapath is encrypted without drops, then nothing to do. However if this error caused stale entry to be present in the hardware leading to the hardware resource becoming full i.e. preventing future rekeys to go through then, shut and unshut the port.

MKA-5

Error Message MKA-5-MKA_INIT: MKA Initialization: [chars]

Explanation MKA initialization tasks are in progress.

Recommended Action No action is required.

Error Message MKA-5-MKA_SESSION_PENDING: MACSec session is in pending: interface: [chars]

Explanation This indicates that the MKA session is in pending state.

Recommended Action No action is required.

Error Message MKA-5-MKA_SESSION_SECURED: MACSec session SECURED: interface: [chars]

Explanation This indicates that the MKA session on the interface is now secured.

Recommended Action No action is required.

Error Message MKA-5-MKA_SESSION_UNSECURED: MACSec session is unsecured : interface: [chars]

Explanation This indicates that the MKA session on the interfaces is not secured.

Recommended Action No action is required.

MKA-6

Error Message MKA-6-MKA_FIPS_BYPASS_TEST_PASSED: FIPS bypass test passed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message MKA-6-MKA_KEY_CHAIN_ADDED: MACSec session key chain [chars] added

Explanation This indicates that the MKA session key chain has been added.

Recommended Action No action is required.

Error Message MKA-6-MKA_NEW_KEY_ACTIVE: New MACSec Key turned active on interface [chars], new session will be attempted with latest credentials

Explanation This indicates that a newer key has become active for the keychain in use. A new session will be attempted to be established with the new key. The current session will remain active until the new session is secured.

Recommended Action No action is required.

Error Message MKA-6-MKA_NONSTD_EAPOL_DMAC_ADDED: Non Standard EAPOL Dmac configured as [hex]:[hex]:[hex]:[hex]:[hex]:[hex].

Explanation This indicates that the user configured the Non Standard EAPOL DMAC. It could be associated with any macsec policy and applied on macsec capable interfaces

Recommended Action *None*

Error Message MKA-6-MKA_NONSTD_EAPOL_DMAC_DELETED: Non Standard EAPOL Dmac getting deleted Dmac: [hex]:[hex]:[hex]:[hex]:[hex]:[hex].

Explanation This indicates that the user deleted the configured Non Standard EAPOL DMAC

Recommended Action *None*

Error Message MKA-6-MKA_NONSTD_EAPOL_ETYPE_ADDED: Non Standard EAPOL Ethertype configured as [hex].

Explanation This indicates that the user configured the Non Standard EAPOL Ethertype. It could be associated with any macsec policy and applied on macsec capable interfaces

Recommended Action *None*

Error Message MKA-6-MKA_NONSTD_EAPOL_ETYPE_DELETED: Non Standard EAPOL Ethertype getting deleted etype: [hex].

Explanation This indicates that the user deleted the configured Non Standard EAPOL Ethertype

Recommended Action *None*

Error Message MKA-6-MKA_NONSTD_EAPOL_MTM_PROG_STATUS: MTM programming status for Non Standard EAPOL Dmac [chars]

Explanation This indicates that the user configured the Non Standard EAPOL DMAC and the status of the dmac programming in MTM table

Recommended Action *None*

Error Message MKA-6-MKA_POTENTIAL_PEER_LOSS: Potential peer loss with SCI [chars] MI [chars] detected on interface [chars].

Explanation This indicates that loss of a potential peer was detected on the MKA session running on the interface. This could occur due to peer going down, deletion of configuration on the peer or a MKA PDU keep-alive loss. The session will be re-initialized if there are no more live or potential peers.

Recommended Action *None*

Error Message MKA-6-MKA_SESSION_PORT_REINIT: MACSec session port reinited this may cause flap: ifindex [hex], interface: [chars]

Explanation This indicates that the interface will be re-inited and may flap.

Recommended Action No action is required.

MODULE Messages

This section contains the MODULE messages.

MODULE-2

Error Message MODULE-2-LCM_MODULE_INSERT_FAILURE_NEG_RSP: Slot-[dec] has failed to boot up because of service [chars] due to module insertion failure

Explanation Module Insertion failure has occurred.

Recommended Action No action is required.

Error Message MODULE-2-LCM_MODULE_INSERT_FAILURE_TIMEOUT: Slot-[dec] has failed to boot up because the service [chars] has timed out due to module insertion failure

Explanation Module Insertion failure has occurred.

Recommended Action No action is required.

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 [chars]

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 [chars]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

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-LCM_UPG_DBG_LOG: Sending upgrade [chars] request to service [chars] for slot [dec].

Explanation LCM sent upgrade request for the sap mentioned.

Recommended Action No action is required.

Error Message MODULE-2-MOD_DIAG_FAIL: Module [dec] (Serial number: [chars]) reported failure [chars] due to [chars] in device [chars] (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 number: [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_FAILURE: Re-initializing module [dec] (Serial number: [chars]) failed. Received lc_failed from sap [chars] failure reason [hex]

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 '.

Error Message MODULE-2-MOD_FAIL: Initialization of module [dec] (Serial number: [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 '.

Error Message MODULE-2-MOD_MAJORSWFAIL: Module [dec] (Serial number: [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 number: [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] '.

Error Message MODULE-2-MOD_NOT_ALIVE: Module [dec] not responding... resetting (Serial number: [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 number: [chars]) reported failure on ports [chars] ([chars]) due to [chars] in device [chars] (device 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 number: [chars]) reported failure [chars] due to [chars] in device [chars] (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_FAILURE: Re-initializing xbar [dec] (Serial number: [chars]) failed. Received lc_failed from sap [chars] failure reason [hex]

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 '.

Error Message MODULE-2-XBAR_FAIL: Initialization of xbar [dec] (Serial number: [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 '.

Error Message MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (Serial number: [chars]) reported failure on ports [chars] ([chars]) due to [chars] in device [chars] (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-LCM_SEQ_ERROR: Error ([chars]) for slot:[dec] while communicating with component [chars] opcode:[chars] (for:[dec])

Explanation LCM encountered an error while executing a sequence for a module.

Recommended Action No action is required.

Error Message MODULE-3-LCM_SYSLOG_ERR: [chars]

Explanation LCM encountered an error while processing a message for module.

Recommended Action No action is required.

Error Message MODULE-3-MOD_SRG_NOT_COMPATIBLE: Module [dec] (Serial number: [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 number: [chars]) reported warning [chars] due to [chars] in device [chars] (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 number: [chars]) reported warning [chars] due to [chars] in device [chars] (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]'.

MODULE-5

Error Message MODULE-5-ACTIVE_SUP_OK: Supervisor [dec] is active (Serial number: [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 number: [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 number: [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 '.

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 number: [chars]). An incompatible [chars] is replacing the previous [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.

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 number: [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 number: [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_inter-
nal all xbar '.

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.

MONITOR-3

Error Message MONITOR-3-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-3-ETH_SPAN_SPM_TIMER_EXPIRY: SPM request timed out for ssn: [dec]

Explanation SPM Request timed out for ERSPAN-DST session

Recommended Action Shut/No shut the inactive session to recover it

MONITOR-5

Error Message MONITOR-5-ETH_SPAN_EXCEPTION_RES: Exception resource allocation failed for VDC: [dec]

Explanation Exception resource not allocated to VDC

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_INBAND_RES: Inband resource allocation error for VDC: [dec]

Explanation Inband resource not allocated to VDC

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_CREATED: Session [dec] created

Explanation A new span session has been created.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_DELETED: Session [dec] deleted

Explanation Session has been deleted.

Recommended Action No action is required.

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_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.

Error Message MONITOR-5-ETH_SPAN_SOURCE_ADDED: Source [chars] added to session [dec]

Explanation A new source has been added.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SOURCE_REMOVED: Source [chars] removed from session [dec]

Explanation A source has been removed.

Recommended Action No action is required.

MPLSFWD Messages

This section contains the MPLSFWD messages.

MPLSFWD-3

Error Message MPLSFWD-3-API_FAILED: [chars]

Explanation MPLSFWD API failed

Recommended Action

TAC Details debug mpls forwarding error/hs/ipc

Error Message MPLSFWD-3-MALLOC_FAILED: [chars] failed in [chars]

Explanation MPLSFWD process is out of free memory.

Recommended Action

TAC Details debug mpls forwarding error/hs/ipc

Error Message MPLSFWD-3-MBUF_FAILED: [chars] failed in [chars] ([dec] bytes)

Explanation MPLSFWD process is out of mbufs.

Recommended Action

TAC Details debug mpls forwarding error/hs/ipc

Error Message MPLSFWD-3-MTS_FAILED: [chars] failed in [chars], errno: [chars]

Explanation MPLSFWD failed to access mts-queue resource.

Recommended Action

TAC Details debug mpls forwarding error/hs/ipc

MPLS_OAM Messages

This section contains the MPLS_OAM messages.

MPLS_OAM-5

Error Message MPLS_OAM-5-INITFAIL: MPLS OAM Daemon Initialization failed: [chars]

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

Recommended Action No action is required.

Error Message MPLS_OAM-5-LSPV_DISABLED: LSPV Disabled

Explanation MPLS_LSPV Service Disabled

Recommended Action No action is required.

Error Message MPLS_OAM-5-LSPV_ENABLED: LSPV Enabled

Explanation MPLS_LSPV Service nabled

Recommended Action No action is required.

MPLS_TE Messages

This section contains the MPLS_TE messages.

MPLS_TE-5

Error Message MPLS_TE-5-TE_DISABLED: TE Disabled

Explanation MPLS_TE Service Disabled

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_ENABLED: TE Enabled

Explanation MPLS_TE Service enabled

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_LSP_FRR_ACTIVE: Primary (tunnel Id: [dec], LSP Id: [dec], source: [chars], destination: [chars]). Backup (tunnel-name: [chars], signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]). Protection type: [chars].

Explanation MPLS_TE Tunnel FRR is active

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_LSP_FRR_NOT_READY: Primary (tunnel Id: [dec], LSP Id: [dec], source: [chars], destination: [chars]) is unprotected.

Explanation MPLS_TE Tunnel FRR was ready but has now lost protection

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_LSP_FRR_READY: Primary (tunnel Id: [dec], LSP Id: [dec], source: [chars], destination: [chars]). Backup (tunnel-name: [chars], signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]). Protection type: [chars].

Explanation MPLS_TE Tunnel FRR is ready

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_LSP_REROUTE: [chars] (signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]) has been [chars].

Explanation MPLS_TE Tunnel LSP state reroute

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_FRR_BACKUP_ASSIGN: Backup [chars] (signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]) is protecting primary (tunnel Id: [dec], LSP Id: [dec], source: [chars], destination: [chars]). Protection type: [chars].

Explanation MPLS_TE Tunnel FRR backup tunnel assigned

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_FRR_BACKUP_UNASSIGN: Backup [chars] (signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]) is no longer protecting primary (tunnel Id: [dec], LSP Id: [dec], source: [chars], destination: [chars]).

Explanation MPLS_TE Tunnel FRR backup tunnel unassigned

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_REOPT: [chars] (signalled-name: [chars], tunnel Id: [dec], new LSP Id: [dec], old LSP Id: [dec]) has been reoptimized.

Explanation Reports a tunnel reoptimization.

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_REROUTE_PENDING_CLEAR: [chars] (signalled-name: [chars], tunnel Id: [dec], new LSP Id: [dec], old LSP Id: [dec]) has been reoptimized; reason: [chars].

Explanation MPLS_TE Tunnel LSP state reroute pending clear

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_REROUTE_PENDING: [chars] (signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]) is in re-route pending state.

Explanation MPLS_TE Tunnel LSP state reroute pending

Recommended Action No action is required.

Error Message MPLS_TE-5-TE_TUNNEL_STATE_CHANGE: [chars] (signalled-name: [chars], tunnel Id: [dec], LSP Id: [dec]) state changed to [chars].

Explanation Reports a tunnel state change.

Recommended Action No action is required.

MTM Messages

This section contains the MTM messages.

MTM-SLOT#-0

Error Message MTM-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation MTM failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

TAC Details No action is required.

Error Message MTM-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation MTM failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

MTM-SLOT#-1

Error Message MTM-SLOT#-1-L2_USD_REQ_FAILED: Failed to send request to the L2 ASIC driver.

Explanation Failed to send request to L2 ASIC driver.

Recommended Action No action is required.

TAC Details No action is required.

MTM-SLOT#-2

Error Message MTM-SLOT#-2-FE_MAC_TABLE_LINE_FULL: Failed to insert static mac as MAC table line is full for FE [dec]!

Explanation Static mac insert failed due to line full condition.

Recommended Action No action is required.

TAC Details *check utilization using the cmd show hardware internal forwarding l2 table utilization instance all and collect 'show tech-support module <>'

Error Message MTM-SLOT#-2-FE_TIMER_EXPIRED: FE timer expired for fe [dec]!

Explanation Driver has failed to respond to MTM request within MTM_FE_TO_TIMER_INTERVAL.This is a fatal error.

Recommended Action No action is required.

TAC Details *collect 'show tech-support module <>' and show tech-support l2fm detail *

Error Message MTM-SLOT#-2-GW_MAC_DYNAMIC_LEARNING: GW mac [chars] is learned dynamically in vdc [dec]. explanation: GW mac is learned dynamically,mostly because of a network loop

Explanation

Recommended Action Check if there is an unintentional network look

TAC Details Check if there is any unintentional network look by which we are learning our own GW mac.

Error Message MTM-SLOT#-2-HWIDX_TO_IF_FAILED_SUMMARY: Failed to get interface for hardware index for [dec] entries

Explanation Failed to get interface for hardware Index for [dec] entries

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail ' and show tech-support module <> and 'show tech-support pixm'

Error Message MTM-SLOT#-2-HWIDX_TO_IF_FAILED: Failed to get interface for index %#x Func:[chars] MAC:[chars] Vlan:[dec].

Explanation Failed to get interface index for hardware index [hex] Func:[chars] MAC:[chars] Vlan:[dec].

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail ' and show tech-support module <> and 'show tech-support pixm'

Error Message MTM-SLOT#-2-IF_TO_HWIDX_FAILED_2: Failed to get hardware index for interface: %#x Func:[chars] MAC:[chars] Vlan:[dec].

Explanation Failed to get hardware index for interface Index: [hex] Func:[chars] MAC:[chars] Vlan:[dec].

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail ' and show tech-support module <> and 'show tech-support pixm'

Error Message MTM-SLOT#-2-IF_TO_HWIDX_FAILED_SUMMARY: Failed to get hardware index for interface Index for [dec] entries.

Explanation Failed to get hardware index for interface Index for [dec] entries.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail ' and show tech-support module <> and 'show tech-support pixm'

Error Message MTM-SLOT#-2-IF_TO_HWIDX_FAILED: Failed to get hardware index for interface Index: %#x.

Explanation Failed to get hardware index for interface Index: [hex].

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail ' and show tech-support module <> and 'show tech-support pixm'

Error Message MTM-SLOT#-2-MTM_MAC_MOVE_FE_LOCK_STATE : SLOT [dec] FE [dec] - [chars]

Explanation Forwarding Engine learning is locked/unlocked due to lot of mac move

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message MTM-SLOT#-2-MTM_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message MTM-SLOT#-2-MTM_VDC_MSG : MTM_VDC_MSG:[chars]

Explanation MTM_VDC_MSG:[chars]

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message MTM-SLOT#-2-STATIC_MATCH: Failed to program static match registers for [chars].

Explanation Failed to program the required registers in L2 ASIC for [chars].

Recommended Action No action is required.

TAC Details *collect 'show tech-support module <>' and show tech-support l2fm detail *

Error Message MTM-SLOT#-2-STP_BPDU_MATCH: Failed to program static match registers for BPDU matching.

Explanation Failed to program the required registers in L2 ASIC for BPDU matching. BPDUs will not be received by Spanning tree.

Recommended Action No action is required.

TAC Details *collect 'show tech-support module <>' and show tech-support l2fm detail *

Error Message MTM-SLOT#-2-VDC_FE_MAC_TBL_HWM_WARNING: MAC table threshold reached for FE [dec]. MAC table is 90 percent full

Explanation MAC table threshold reached . MAC table is 90 percent full

Recommended Action No action is required.

TAC Details *check utilization using the cmd show hardware internal forwarding l2 table utilization instance all and collect 'show tech-support module <>'

Error Message MTM-SLOT#-2-VLAN_NOT_FOUND: VLAN [dec] not found in MTM database!

Explanation MTM failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action Please check the configurations

TAC Details *check if the vlan is configured. if yes then collect 'show tech-support eltm detail vdc all' and 'show tech-support l2fm detail' *

MTM-SLOT#-4

Error Message MTM-SLOT#-4-BUCKET_ZERO_COLLISION: Mac %02hhx%02hhx.%02hhx%02hhx.%02hhx%02hhx vlan [dec] got replaced from FE inst [dec] due to collision

Explanation MTM was notified by driver that bucket zero MAC was overwritten.

Recommended Action No action is required.

TAC Details collect show tech-support module <>

Error Message MTM-SLOT#-4-INVALID_SLOT : Received invalid slot value [dec] in mts message from vdc [dec]

Explanation Received invalid slot value in mts message from the vdc

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

MTM-SLOT#-5

Error Message MTM-SLOT#-5-AGEGRP_ALLOC_FAILED: Age group allocation for age [dec] failed.

Explanation Age group allocation for age [dec] failed. The total number of allocated age group has reached system limits.

Recommended Action No action is required.

TAC Details please collect 'show tech-support l2fm detail'

Error Message MTM-SLOT#-5-ALL0_LRN_DISABLE_FAIL: Failed to program static match register to disable learning all 0 MAC.

Explanation Failed to program the required registers in L2 ASIC to disable learning all 0 MAC.

Recommended Action No action is required.

TAC Details *collect 'show tech-support module <>' and show tech-support l2fm detail *

Error Message MTM-SLOT#-5-GBL_TASK_Q_LEN_HIGH: Global task queue length is high. Please collect 'show tech-support l2fm detail' and contact nxos-l2fm

Explanation Global task queue length is high

Recommended Action No action is required.

TAC Details show tech-support l2fm detail *

Error Message MTM-SLOT#-5-INVALID_BD: BD [dec] is invalid!

Explanation MTM failed to find BD [dec] in its database. L2 MAC learning & aging may be affected.

Recommended Action Please check the Traffic flow and configuration

TAC Details *check if there is a race condition in LDB if yes then collect 'show tech-support eltm detail vdc all' and 'show tech-support l2fm detail' *

Error Message MTM-SLOT#-5-VDC_LID_HT_DESTROY: Failed to destroy vdc-lid-ht

Explanation Failed to destroy vdc-lid-ht lightning_hash_destroy failed

Recommended Action No action is required.

Error Message MTM-SLOT#-5-VDC_LID_HT_INIT: Failed to initialize vdc-lid-ht

Explanation Failed to initialize vdc-lid-ht lightning_hash_init failed

Recommended Action No action is required.

Error Message MTM-SLOT#-5-VDC_LID_IFIDX_DESTROY: Failed to destroy vdc-ifidx-ht

Explanation Failed to destroy vdc-lid-ht lightning_hash_destroy failed

Recommended Action No action is required.

Error Message MTM-SLOT#-5-VDC_LID_IFIDX_INIT: Failed to initialize vdc-ifidx-ht

Explanation Failed to initialize vdc-ifidx-ht lightning_hash_init failed

Recommended Action No action is required.

MTM-SLOT#-6

Error Message MTM-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation MTM has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

TAC Details No action is required.

Error Message MTM-SLOT#-6-MULTICAST_SOURCE_MAC_LEARNT: Inserted dynamically learnt multicast source mac [chars] in vlan [dec]!. Issue 'show hardware mac address-table ' to view and 'clear mac address-table dynamic multicast-entries' to delete these entries

Explanation Multicast mac address: [hex] sent as source mac in a packet and was learnt in the Mac Table. Please execute: clear mac address-table dynamic multicast-entries

Recommended Action No action is required.

TAC Details Please execute: clear mac address-table dynamic multicast-entries

Error Message MTM-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in MTM was successful.

Recommended Action No action is required.

TAC Details No action is required.

Error Message MTM-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation MTM has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

TAC Details No action is required.

Error Message MTM-SLOT#-6-VDC_VLAN_CREATED: VLAN [dec] created in VDC [dec]

Explanation MTM has added VLAN [dec] in VDC [dec].

Recommended Action No action is required.

TAC Details No action is required.

Error Message MTM-SLOT#-6-VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation MTM has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

TAC Details No action is required.

MTSD Messages

This section contains the MTSD messages.

MTSD-2

Error Message MTSD-2-MTSD_FIRST_SYSLOG: first message [dec]

Explanation

Recommended Action No action is required.

MTS Messages

This section contains the MTS messages.

MTS-4

Error Message MTS-4-MTS_MEM_USAGE: [chars]

Explanation The saps listed are top mts memory users.

Recommended Action No action is required.

MVDXN Messages

This section contains the MVDXN messages.

MVDXN-0

Error Message MVDXN-0-MVDXN_EMERGENCY: [chars]

Explanation Mvdxn Emergency

Recommended Action No action is required.

MVDXN-1

Error Message MVDXN-1-MVDXN_ALERT: [chars]

Explanation Mvdxn Alert

Recommended Action No action is required.

MVDXN-2

Error Message MVDXN-2-MVDXN_CRITICAL: [chars]

Explanation Mvdxn Critical

Recommended Action No action is required.

MVDXN-3

Error Message MVDXN-3-MVDXN_ERROR: [chars]

Explanation Mvdxn Error

Recommended Action No action is required.

MVDXN-4

Error Message MVDXN-4-MVDXN_WARNING: [chars]

Explanation Mvdxn Warning

Recommended Action No action is required.

MVDXN-5

Error Message MVDXN-5-MVDXN_NOTICE: [chars]

Explanation Mvdxn Notice

Recommended Action No action is required.

MVDXN-6

Error Message MVDXN-6-MVDXN_INFO: [chars]

Explanation Mvdxn Info

Recommended Action No action is required.

MVRP Messages

This section contains the MVRP messages.

MVRP-0

Error Message MVRP-0-EMERGENCY_MSG: [chars]

Explanation MVRP Emergency Message

Recommended Action Capture show tech-support mvrp

MVRP-1

Error Message MVRP-1-ALERT_MSG: [chars]

Explanation MVRP Alert Message

Recommended Action Capture show tech-support mvrp

MVRP-2

Error Message MVRP-2-CRITICAL_MSG: [chars]

Explanation MVRP Critical Message

Recommended Action No action is required.

MVRP-3

Error Message MVRP-3-ADD_REGISTRY_FAILED: MVRP subsystem fails to add callback function [chars]

Explanation Other subsystem must have mistakenly add its own callback functions. This syslog is for debugging purpose.

Recommended Action LOG_STD_NO_ACTION

Error Message MVRP-3-ERROR_MSG: [chars]

Explanation MVRP Error Message

Recommended Action No action is required.

Error Message MVRP-3-MVRP_ENABLE_FAIL: MVRP cannot be enabled because [chars].

Explanation MVRP can't be enabled for some reason

Recommended Action Action may be taken according to the given reason. If, for instance, the problem is due to lack of memory, the user should add more memory to his system.

Error Message MVRP-3-SUBSYS_INIT_FAILED: MVRP subsystem failed in initialization([chars]) and MVRP won't function properly.

Explanation This is extremely unlikely to occur on a customer device. If it does occur the cause is most likely due to the lack of memory (so the software failed to create data structures). User should see many other accompanying syslogs to get a real sense of what has happened.

Recommended Action Most likely the system has crashed by then if the problem is due to lack of memory. If the system miraculously came up then user can run show memory summary to check the memory usage. Please contact the TAC with the output of show memory summary show version and show run, and the associated syslog messages from the time of the problem.

MVRP-4

Error Message MVRP-4-MVRP_SWITCHPORT_PRUNING: The user configured list of pruned VLANs on interface [chars] is ignored as MVRP will prune VLANs dynamically.

Explanation Switchport trunk pruning vlan is used by VTP pruning and prunes 1-1001 VLANs only. This configuration does not apply to MVRP, which prunes all the 4K vlans. This is an informative message. There is no harm from this message.

Recommended Action No action is required.

Error Message MVRP-4-WARN_MSG: [chars]

Explanation MVRP Warning Message

Recommended Action No action is required.

MVRP-5

Error Message MVRP-5-NOTIF_MSG: [chars]

Explanation MVRP Notification Message

Recommended Action No action is required.

MVRP-6

Error Message MVRP-6-INFO_MSG: [chars]

Explanation MVRP Informational Message

Recommended Action No action is required.

Error Message MVRP-6-MVRP_MODE_CHANGE: MVRP mode changed to [chars] on interface [chars].

Explanation As a result of protocol negotiation, the operating mode changed to the specified mode on the specified interface.

Recommended Action No action is required.

MVRP-7

Error Message MVRP-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

NAXOS_USD Messages

This section contains the NAXOS_USD messages.

NAXOS_USD-2

Error Message NAXOS_USD-2-NAXOS_SYSLOG_CRIT: [chars] :[dec], [chars]

Explanation Naxos instance not ok to use

Recommended Action Collect more information about Naxos Reloading the module will recover.

NAXOS_USD-3

Error Message NAXOS_USD-3-NAXOS_MSG1: [chars]

Explanation NAXOS log message

Recommended Action No action is required.

NCPMGR Messages

This section contains the NCPMGR messages.

NCPMGR-6

Error Message NCPMGR-6-NCPMGR_DEBUG_MSG: [chars]

Explanation Debug log message

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] error [hex]

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.

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], Slot: [dec]

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.

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_CONFIG_ERROR: [chars]

Explanation L2 Netflow config is applied on Port-channel with F1 Line Cards only - error

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.

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.

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 action is required.

Error Message NFP-SLOT#-2-NF_DDB_ERR: [chars] ([dec]): ddb error.[chars] [hex]

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 action is required.

Error Message NFP-SLOT#-2-NF_NDE_ERR: [chars] ([dec]): nde error. [chars]

Explanation Nde error

Recommended Action No action is required.

Error Message NFP-SLOT#-2-NF_NFM_ERR: [chars] ([dec]): nfm error. [chars]

Explanation Nfm error

Recommended Action No action is required.

Error Message NFP-SLOT#-2-NF_QOS_ERR: [chars] ([dec]): qos error. [chars]

Explanation Qos error

Recommended Action No action is required.

NFP-SLOT#-5

Error Message NFP-SLOT#-5-NF_INFO: [chars]

Explanation Info

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

NLP1042 Messages

This section contains the NLP1042 messages.

NLP1042-6

Error Message NLP1042-6-NLP1042_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

NPC Messages

This section contains the NPC messages.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

NTP-5

Error Message NTP-5-NTP_SYSLOG_LOGGING: : [chars]

Explanation NTP logging : [chars].

Recommended Action No action is required.

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_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.

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

OBFL Messages

This section contains the OBFL messages.

OBFL-3

Error Message OBFL-3-ERROR: [chars]

Explanation Obfl_encountered an error

Recommended Action No action is required.

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_FWD Messages

This section contains the ORI_FWD messages.

ORI_FWD-2

Error Message ORI_FWD-2-CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_FWD-6

Error Message ORI_FWD-6-ORF_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC Messages

This section contains the ORI_MAC messages.

ORI_MAC-2

Error Message ORI_MAC-2-ORI_MAC_CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC-6

Error Message ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_XBAR_USD Messages

This section contains the ORI_XBAR_USD messages.

ORI_XBAR_USD-2

Error Message ORI_XBAR_USD-2-CRIT_MSG: [chars]

Explanation Critical log message

Recommended Action No action is required.

Error Message ORI_XBAR_USD-2-FR_CRC: [chars]

Explanation FR CRC error message

Recommended Action No action is required.

Error Message ORI_XBAR_USD-2-SYNC_ERR: [chars]

Explanation Sync loss error

Recommended Action No action is required.

ORI_XBAR_USD-4

Error Message ORI_XBAR_USD-4-WARNING_MSG: [chars]

Explanation Warning log message

Recommended Action No action is required.

ORI_XBAR_USD-6

Error Message ORI_XBAR_USD-6-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.

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.

Error Message OTM-5-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.

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_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.

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.

PATCH-INSTALLER Messages

This section contains the PATCH-INSTALLER messages.

PATCH-INSTALLER-2

Error Message PATCH-INSTALLER-2-LOG_PATCH_INSTALLER_EXIT: Patch Installer exiting:
[chars]

Explanation Patch Installer 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 PATCH-INSTALLER-2-PATCH_INSTALLER_PATCH_ACTIVATED: Patch [chars] has been activated

Explanation Patch already activated

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

PATCH-INSTALLER-3

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_GENERIC_LOG_MSG: [chars]

Explanation

Recommended Action

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_ID_FILE_ERR: Error opening patch installer id file

Explanation Could not open the file for storing patch installer request ids

Recommended Action Please contact the 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 PATCH-INSTALLER-3-PATCH_INSTALLER_IMAGE_FILE_OPEN_ERR: Error opening image name file [chars] for patch installer

Explanation Could not open the file to get the name of the image

Recommended Action Please contact the 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 PATCH-INSTALLER-3-PATCH_INSTALLER_IMAGE_FILE_READ_ERR: Error reading image name file [chars] for patch installer

Explanation Could not read the name of the image

Recommended Action Please contact the 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 PATCH-INSTALLER-3-PATCH_INSTALLER_LOG_FILE_ERR: Error opening patch installer log file

Explanation Could not open the log file for logging show install commands

Recommended Action Please contact the 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 PATCH-INSTALLER-3-PATCH_INSTALLER_OP_FAILED: Package Install operation: [chars] , operation ID: [dec], failed with error: [dec]([chars]) at: [chars]

Explanation

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

PATCH-INSTALLER-6

Error Message PATCH-INSTALLER-6-PATCH_INSTALLER_OP_ABORTED: Package Install operation: [chars] , operation ID: [dec], aborted by user at: [chars]

Explanation

Recommended Action

Error Message PATCH-INSTALLER-6-PATCH_INSTALLER_OP_START: Package Install operation: [chars] , operation ID: [dec], started at: [chars]

Explanation

Recommended Action

Error Message PATCH-INSTALLER-6-PATCH_INSTALLER_OP_SUCCEED: Package Install operation: [chars] , operation ID: [dec], completed successfully at: [chars]

Explanation

Recommended Action

PFSTAT Messages

This section contains the PFSTAT messages.

PFSTAT-3

Error Message PFSTAT-3-MTS_NUM_RECIP_ERROR: pfstat internal error: mts_num_recipients_get returned [dec]

Explanation Pfstat encountered an mts send error. Collect show tech-support pfstat for further analysis.

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_FW_UPGRADE: Extended firmware upgrade started

Explanation Extended line card firmware upgrade started.

Recommended Action No action is required.

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_SYSLOG_MESSAGE_TYPE_CRIT: [chars]

Explanation PIXM has encountered a critical error

Recommended Action Please collect PIXM tech support using 'show tech pixm-all' and 'show tech pixmc-all'

PIXM-3

Error Message PIXM-3-PIXM_SYSLOG_MESSAGE_TYPE_ERR: [chars]

Explanation PIXM has encountered a error

Recommended Action Please collect PIXM tech support using 'show tech pixm-all' and 'show tech pixmc-all'

PIXM-4

Error Message PIXM-4-PIXM_SYSLOG_MESSAGE_TYPE_WARNING: [chars]

Explanation PIXM has encountered a warning-level error

Recommended Action Please collect PIXM tech support using 'show tech pixm-all' and 'show tech pixmc-all'

PIXM-7

Error Message PIXM-7-PIXM_SYSLOG_MESSAGE_TYPE_DEBUG: [chars]

Explanation This is a debug output from PIXM

Recommended Action Please collect PIXM tech support using 'show tech pixm-all' and 'show tech pixmc-all'

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 deteted a failure and switched to redundant clock module.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]

Explanation Clock module on chassis deteted a failure and switched to redundant clock module.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]

Explanation Clock module on chassis deteted a failure and switched to redundant clock module.

Recommended Action Please perform a 'show system internal platform internal info' to collect more information.

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 system internal platform internal info' to collect more information.

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_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_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_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-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-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-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-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-FAN_GRP_FAIL_REMOVED_ALI: Fan modules Failed/removed. Fan modules have been absent/bad for [dec] seconds

Explanation Fan modules Failed/removed. Fan modules have been absent/bad

Recommended Action Please perform a 'show system internal platform internal info', 'show environment power' and 'show environment fan' to collect more information.

Error Message PLATFORM-0-FAN_GRP_FAIL_REMOVED_ALI: Fan modules Failed/removed. Fan modules have been absent/bad for [dec] seconds

Explanation Fan modules Failed/removed. Fan modules have been absent/bad

Recommended Action Please perform a 'show system internal platform internal info', 'show environment power' and 'show environment fan' to collect more information.

Error Message PLATFORM-0-FAN_GRP_FAIL_REMOVED: Fan modules Failed/removed. Fan modules have been absent/bad for [dec] seconds

Explanation Fan modules Failed/removed. Fan modules have been absent/bad

Recommended Action Please perform a 'show system internal platform internal info', 'show environment power' and 'show environment fan' to collect more information.

Error Message PLATFORM-0-FAN_GRP_FAIL_REMOVED: Fan modules Failed/removed. Fan modules have been absent/bad for [dec] seconds

Explanation Fan modules Failed/removed. Fan modules have been absent/bad

Recommended Action Please perform a 'show system internal platform internal info', 'show environment power' and 'show environment fan' to collect more information.

Error Message PLATFORM-0-FAN_GRP_FAIL_REMOVED: Fan modules removed. Fan modules have been absent/bad for [dec] seconds

Explanation

Recommended Action

Error Message PLATFORM-0-FAN_GRP_FAIL_REMOVED: Fan modules removed. Fan modules have been absent/bad for [dec] seconds

Explanation

Recommended Action

Error Message PLATFORM-0-FAN_MISMATCH_TIME: Mismatch of Fan modules. Both Gen1 and Gen2 fans are present in the fantray for [dec] seconds

Explanation Mismatch of fan modules in the chassis. This could lead to temperature alarms.

Recommended Action Replace the fan modules and ensure all the the modules are of same generation.

Error Message PLATFORM-0-FAN_MISMATCH_TIME: Mismatch of Fan modules. Both Gen1 and Gen2 fans are present in the fantray for [dec] seconds

Explanation Mismatch of fan modules in the chassis. This could lead to temperature alarms.

Recommended Action Replace the fan modules and ensure all the the modules are of same generation.

Error Message PLATFORM-0-FAN_REMOVED_TIME: 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-FAN_REMOVED_TIME: 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_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_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 environment temperature' to collect more information.

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 environment 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-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-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 environment 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 environment temperature' to collect more information.

Error Message PLATFORM-0-MOD_TEMPwarmalarm: [chars] reported Warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] exceeded warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-0-MOD_TEMPwarmalarm: [chars] reported Warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] exceeded warm temperature threshold.

Recommended Action Please perform a 'show environment 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-PFM_EMERGENCY: [chars]

Explanation Platform Emergency

Recommended Action No action is required.

Error Message PLATFORM-0-PFM_EMERGENCY: [chars]

Explanation Platform Emergency

Recommended Action No action is required.

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.

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.

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.

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.

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-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-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-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_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_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_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_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_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_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_AUTH_FAIL : System shutdown due to authentication failure return code [dec]

Explanation System shutdown due to authentication failure return code [decimal digit]

Recommended Action Please note that this is not a genuine Cisco product

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_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_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 environment fan' 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 environment 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_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_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 environment 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 environment 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_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_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 environment temperature' 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 environment 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

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

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.

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.

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_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_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_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_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_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_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.

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.

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.

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_ALI: Less than 2 required fans operating.

Explanation Fan module has failed leaving less than 2 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-1-FABRIC_SWITCH_FAN_FAIL_ALI: Less than 2 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 system internal platform internal info' to collect more information.

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-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-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 system internal platform internal info' to collect more information.

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 system internal 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-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-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 system internal 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 system internal platform internal info' to collect more information.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PFM_FATW_BUS_FLT_SUP_SWITCHOVER: Backplane [chars] bus not responding, supervisor switchover required, trying switchover

Explanation Could not access some modules using powermgmt bus

Recommended Action Please perform a 'show system internal platform internal error', sup switover might solve the problem.

Error Message PLATFORM-1-PFM_FATW_BUS_FLT_SUP_SWITCHOVER: Backplane [chars] bus not responding, supervisor switchover required, trying switchover

Explanation Could not access some modules using powermgmt bus

Recommended Action Please perform a 'show system internal platform internal error', sup switover might solve the problem.

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-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-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 system internal platform internal info' to collect more information.

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 system internal 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.

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.

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 environment power'. Please refer to power supply document on how to increase power supply capacity.

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 environment 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_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_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 system internal platform internal info' to collect more information.

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 system internal 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-2-9134_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

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-2-9134_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_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_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 system internal platform internal info' to collect more information.

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 system internal 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-CASA_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

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-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.

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.

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 system internal platform internal info' to collect more information.

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 system internal platform internal info' to collect more information.

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_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_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_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-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-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-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-CHASSIS_TEMP_MODE: [chars]. Duration of last mode [dec] seconds

Explanation Chassis temperature operation mode changed.

Recommended Action Please make sure the sup inlet temperature is not blocked and all fans are OK.

Error Message PLATFORM-2-CHASSIS_TEMP_MODE: [chars]. Duration of last mode [dec] seconds

Explanation Chassis temperature operation mode changed.

Recommended Action Please make sure the sup inlet temperature is not blocked and all fans are OK.

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-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-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 system internal platform internal info' to collect more information.

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 system internal 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_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_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 system internal 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 system internal 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-FANMOD_FAN_OK: Fan module [dec] ([chars] fan) ok

Explanation Fan module is ok

Recommended Action No action is required.

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-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_DETECT: Fan module [dec] (Serial number [chars]) [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_FAIL_: Fan [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 system internal platform internal info' to collect more information.

Error Message PLATFORM-2-FAN_FAIL_: Fan [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 system internal platform internal info' to collect more information.

Error Message PLATFORM-2-FAN_OK_: Fan [dec] ok

Explanation Fan is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_OK_: Fan [dec] ok

Explanation Fan 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_OK: Fan module 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_OK: Fan module ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_REMOVED_: Fan module [dec] [chars] removed

Explanation Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_REMOVED_: Fan module [dec] [chars] removed

Explanation Fan module is removed

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.

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.

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.

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.

Error Message PLATFORM-2-FAN_UNSUPPORTED: Detected an unsupported fan [dec] for CISCO Multilayer Switch (Serial number [chars])

Explanation Fan is not supported for the CISCO Multilayer Switches.

Recommended Action Please perform a 'show srom all' to collect more information.

Error Message PLATFORM-2-FAN_UNSUPPORTED: Detected an unsupported fan [dec] for ICNT Multilayer Switch (Serial number [chars])

Explanation Fan is not supported for the ICNT Multilayer Switches.

Recommended Action Please perform a 'show srom all' to collect more information.

Error Message PLATFORM-2-INSUFFICIENT_MAC: Ran out of Mac address to program management port on all the non-default VDCs

Explanation Could not program the mac address for the management port of all the VDCs

Recommended Action No action is required.

Error Message PLATFORM-2-INSUFFICIENT_MAC: Ran out of Mac address to program management port on all the non-default VDCs

Explanation Could not program the mac address for the management port of all the VDCs

Recommended Action No action is required.

Error Message PLATFORM-2-MEMORY_ALERT_RECOVERED: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT_RECOVERED: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]. Usage [chars]% of Available Memory

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]. Usage [chars]% of Available Memory

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MODULE_EJECTOR_POLICY_DISABLED: Ejector based shutdown disabled for Module [dec] [chars]. Please close all the ejectors to enable ejector based shutdown

Explanation Ejector based shutdown has been disabled

Recommended Action Close all the ejectors to enable ejector based shutdown.

Error Message PLATFORM-2-MODULE_EJECTOR_POLICY_DISABLED: Ejector based shutdown disabled for Module [dec] [chars]. Please close all the ejectors to enable ejector based shutdown

Explanation Ejector based shutdown has been disabled

Recommended Action Close all the ejectors to enable ejector based shutdown.

Error Message PLATFORM-2-MODULE_EJECTOR_POLICY_ENABLED: All Ejectors closed for module [dec]. Ejector based shutdown enabled

Explanation Ejector based shutdown has been enabled

Recommended Action None

Error Message PLATFORM-2-MODULE_EJECTOR_POLICY_ENABLED: All Ejectors closed for module [dec]. Ejector based shutdown enabled

Explanation Ejector based shutdown has been enabled

Recommended Action None

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_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_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 system internal 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_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 system internal 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_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_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_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_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_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 environment power'. Please refer to power supply document on how to increase power supply capacity.

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 environment 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_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_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 system internal 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_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 system internal 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: All ejectors open, Module [dec] will not be powered up (Serial number [chars])

Explanation The module can not be powered up because all the ejectors are open

Recommended Action Please perform a 'show system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-2-MOD_PWRFAIL_EJECTORS_OPEN: All ejectors open, Module [dec] will not be powered up (Serial number [chars])

Explanation The module can not be powered up because all the ejectors are open

Recommended Action Please perform a 'show system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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.

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.

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_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_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 system internal platform internal all module [decimal digit]' and to collect more information.

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 system internal 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 srom module [dec] [dec]' to read module IDPROM contents 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 srom module [dec] [dec]' to read module IDPROM contents 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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom module [dec] [dec]' to read module IDPROM contents 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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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_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_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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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_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_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_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_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_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_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.

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.

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.

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.

Error Message PLATFORM-2-MOD_TEMPMAJOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MajTheshold=[dec] WarmThresh-old=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPMAJOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MajTheshold=[dec] WarmThresh-old=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

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_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_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 environment temperature' to collect more information.

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 environment 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_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_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 environment 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 environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPMINOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MinTheshold=[dec] WarmThresh-old=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMP_MINOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MinTheshold=[dec] WarmThresh-old=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMP_OK: [chars] recovered from minor temperature alarm. Sen-sor=[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_TEMP_OK: [chars] recovered from minor temperature alarm. Sen-sor=[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_TEMP_OK: [chars] recovered from minor temperature alarm. Sen-sor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] minor temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMP_OK: [chars] recovered from minor temperature alarm. Sen-sor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] minor temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMP_RECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] Min-Thresh=[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-MOD_TEMP_RECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] Min-Thresh=[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-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 environment 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 environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPWARM_OK: [chars] recovered from warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPWARM_OK: [chars] recovered from warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a 'show environment 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_CRITICAL: [chars]

Explanation Platform Critical

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_CRITICAL: [chars]

Explanation Platform Critical

Recommended Action No action is required.

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_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_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 system internal platform internal error'.

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 system internal platform internal error'.

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'

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'

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 system internal platform internal error'.

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 system internal platform internal error'.

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

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

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

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

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_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_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_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_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_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_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_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_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_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_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_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_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_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_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_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.

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.

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.

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.

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_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_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_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 None

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 None

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 None

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 None

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 None

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 None

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 None

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 None

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 None

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 None

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 None

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 None

Error Message PLATFORM-2-PFM_MODULE_RESET_EOBC_HA: change in sup2sup eobc link redundancy is reloading Module [dec]

Explanation Sup2Sup eobc link redundancy initiated a module reload

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_MODULE_RESET_EOBC_HA: change in sup2sup eobc link redundancy is reloading Module [dec]

Explanation Sup2Sup eobc link redundancy initiated a module reload

Recommended Action None

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 None

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 None

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 None

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 None

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.

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.

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.

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.

Error Message PLATFORM-2-PFM_PREP_DEEP_SLEEP: Supervisor module in slot [dec] preparing to enter deep sleep mode

Explanation Deep sleep mode initiated by the Connectivity Management Processor(CMP) for this supervisor

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_PREP_DEEP_SLEEP: Supervisor module in slot [dec] preparing to enter deep sleep mode

Explanation Deep sleep mode initiated by the Connectivity Management Processor(CMP) for this supervisor

Recommended Action No action is required.

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_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 Managment EPLD

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 Managment EPLD.

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 Managment EPLD.

Error Message PLATFORM-2-PFM_STANDBY_MODULE_RESET_MIGRATION: Reloading Standby Supervisor as part of Supervisor migration

Explanation Migration CLI initiated standby reload once Banzai Supervisor is inserted in standby slot

Recommended Action None

Error Message PLATFORM-2-PFM_STANDBY_MODULE_RESET_MIGRATION: Reloading Standby Supervisor as part of Supervisor migration

Explanation Migration CLI initiated standby reload once Banzai Supervisor is inserted in standby slot

Recommended Action None

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_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_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_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 None

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action None

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 None

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 None

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 None

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 None

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action None

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 None

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 None

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 None

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 None

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-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-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-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_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_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_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_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_ALI_GRID_REDUNDACY_LOST_ONE_PSU : Only one good power supply is available. ISSU/ ISSD can't be performed.

Explanation Target NXOS version don't support switch operation with only one power supply.

Recommended Action Please install additional power supply, to proceed with ISSU/ ISSD.

Error Message PLATFORM-2-PS_ALI_GRID_REDUNDACY_LOST_ONE_PSU : Only one good power supply is available. ISSU/ ISSD can't be performed.

Explanation Target NXOS version don't support switch operation with only one power supply.

Recommended Action Please install additional power supply, to proceed with ISSU/ ISSD.

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY_WORK_AROUND: only one Power supply is functional; connect atleast two Power supply

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY_WORK_AROUND: only one Power supply is functional; connect atleast two Power supply

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY: Only one Power supply is functional; Switch will be shutting down in [dec] mins

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY: Only one Power supply is functional; Switch will be shutting down in [dec] mins

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_ALI_TWO_POWERSUPPLY: Only two Power supply are functional, please connect third Power Supply for redundancy

Explanation Only two Power supply are functional, please connect third Power supply for redundancy

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_ALI_TWO_POWERSUPPLY: Only two Power supply are functional, please connect third Power Supply for redundancy

Explanation Only two Power supply are functional, please connect third Power supply for redundancy

Recommended Action Please perform a 'show environment power' and 'show system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to On/Off or 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 system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to On/Off or 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 system internal platform internal info' to collect more information.

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_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_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_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 system internal 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 system internal 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.

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.

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 system internal 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 system internal platform internal info' to collect more information.

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_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_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 system internal 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_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 system internal 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_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_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 system internal platform internal info' to collect more information.

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 system internal 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_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_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_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_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_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 system internal platform internal info' to collect more information.

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 system internal 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_OK: Power supply [dec] ok(Serial number [chars])

Explanation Power Supply is ok.

Recommended Action No action is required.

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_OK: Power supply [dec] ok(Serial number [chars])

Explanation Power Supply is ok.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_PWR_INPUT_MISSING: Power supply [dec] present but all AC/DC inputs are not connected, power 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_PWR_INPUT_MISSING: Power supply [dec] present but all AC/DC inputs are not connected, power 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_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.

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.

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 system internal platform internal info' to collect more information.

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 system internal platform internal info' to collect more information.

Error Message PLATFORM-2-PS_RED_MODE_RESTORED: Power redundancy operational mode changed to configured mode

Explanation Power Supply redundancy mode changes.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_RED_MODE_RESTORED: Power redundancy operational mode changed to configured mode

Explanation Power Supply redundancy mode changes.

Recommended Action No action is required.

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_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_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 ICNT to replace the unit.

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 ICNT 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_REMOVE: Power supply [dec] removed (Serial number [chars])

Explanation Power Supply is removed.

Recommended Action No action is required.

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_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_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_UNKNOWN: Detected an unknown power supply [dec] for ICNT 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_UNKNOWN: Detected an unknown power supply [dec] for ICNT 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-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-PS_UNSUPPORTED: Detected an unsupported power supply [dec] [chars] for ICNT Multilayer Switch(Serial number [chars])

Explanation This power supply is not supported for the ICNT Multilayer Switches.

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 ICNT Multilayer Switch(Serial number [chars])

Explanation This power supply is not supported for the ICNT Multilayer Switches.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-SINGLE_EJECTOR_STAT_CHANGED: Ejector's status in [chars] [dec] has changed, Ejector is [chars]

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-2-SINGLE_EJECTOR_STAT_CHANGED: Ejector's status in [chars] [dec] has changed, Ejector is [chars]

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-2-SUP_UNSUPPORTED: Unsupported card detected in supervisor slot [dec] powered down

Explanation The module in slot [decimal digit] has been powered down.

Recommended Action No action is required.

Error Message PLATFORM-2-SUP_UNSUPPORTED: Unsupported card detected in supervisor slot [dec] powered down

Explanation The module in slot [decimal digit] has been powered down.

Recommended Action No action is required.

Error Message PLATFORM-2-SVCARD_LC_ONLINE: Module [dec] is a service module, please refer to documentation for graceful shutdown.

Explanation Ejector based shutdown has been enabled

Recommended Action None

Error Message PLATFORM-2-SVCARD_LC_ONLINE: Module [dec] is a service module, please refer to documentation for graceful shutdown.

Explanation Ejector based shutdown has been enabled

Recommended Action None

Error Message PLATFORM-2-SVCARD_UNGRACEFUL_SHUTDOWN: Module [dec] is a service module, please refer to documentation for graceful shutdown.

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-2-SVCARD_UNGRACEFUL_SHUTDOWN: Module [dec] is a service module, please refer to documentation for graceful shutdown.

Explanation Ejector status has changed

Recommended Action None

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_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_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_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.

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.

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.

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.

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-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-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-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_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_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_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_EJECTOR_POLICY_DISABLED: Ejector based shutdown disabled for Xbar [dec][chars]. Please close all the ejectors to enable ejector based shutdown

Explanation Ejector based shutdown has been disabled

Recommended Action Close all the ejectors to enable ejector based shutdown.

Error Message PLATFORM-2-XBAR_EJECTOR_POLICY_DISABLED: Ejector based shutdown disabled for Xbar [dec][chars]. Please close all the ejectors to enable ejector based shutdown

Explanation Ejector based shutdown has been disabled

Recommended Action Close all the ejectors to enable ejector based shutdown.

Error Message PLATFORM-2-XBAR_EJECTOR_POLICY_ENABLED: All Ejectors closed for Xbar [dec]. Ejector based shutdown enabled

Explanation Ejector based shutdown has been enabled

Recommended Action None

Error Message PLATFORM-2-XBAR_EJECTOR_POLICY_ENABLED: All Ejectors closed for Xbar [dec]. Ejector based shutdown enabled

Explanation Ejector based shutdown has been enabled

Recommended Action None

Error Message PLATFORM-2-XBAR_PWRFAIL_EJECTORS_OPEN: All ejectors open, Xbar [dec] will not be powered up (Serial number [chars])

Explanation The xbar can not be powered up because all the ejectors are open

Recommended Action Please perform a 'show system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-2-XBAR_PWRFAIL_EJECTORS_OPEN: All ejectors open, Xbar [dec] will not be powered up (Serial number [chars])

Explanation The xbar can not be powered up because all the ejectors are open

Recommended Action Please perform a 'show system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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_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.

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.

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.

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 [chars] [dec] has changed, [chars] Ejector is [chars], [chars] Ejector is [chars]

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-3-EJECTOR_STAT_CHANGED: Ejectors' status in [chars] [dec] has changed, [chars] Ejector is [chars], [chars] Ejector is [chars]

Explanation Ejector status has changed

Recommended Action None

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 None

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 None

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 srom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 srom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show srom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show srom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 srom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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-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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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-PFM_ERROR: [chars]

Explanation Platform Error

Recommended Action No action is required.

Error Message PLATFORM-3-PFM_ERROR: [chars]

Explanation Platform Error

Recommended Action No action is required.

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 srom xbar [dec] [dec]' to read module IDPROM contXBA ents to collect more information.

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 srom xbar [dec] [dec]' to read module IDPROM contXBA ents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show srom xbar [dec] [dec]' to read module IDPROM contXBA ents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show srom xbar [dec] [dec]' to read module IDPROM contXBA ents 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 srom 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_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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and '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_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_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 system internal platform internal all module [decimal digit]' and 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 system internal 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.

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.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents 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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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.

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.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

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 system internal platform internal all module [decimal digit]', 'show module internal all module [decimal digit]' and 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

PLATFORM-4

Error Message PLATFORM-4-MOD_TEMPACCESSFAIL: [chars] temperature sensor [dec] access failed

Explanation Module in slot [decimal digit] unable to access temperature sensor.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-4-MOD_TEMPACCESSFAIL: [chars] temperature sensor [dec] access failed

Explanation Module in slot [decimal digit] unable to access temperature sensor.

Recommended Action Please perform a 'show environment temperature' to collect more information.

Error Message PLATFORM-4-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed (or inaccessible) - collect show tech gold and show tech module

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a 'show environment temperature' to collect more information.

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-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-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a 'show environment 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_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_FAN_FLTR_STATUS: Fan Filter status: [chars]

Explanation Fan Filter status: Present/Absent

Recommended Action Please perform a 'show system internal platform internal info'.

Error Message PLATFORM-4-PFM_FAN_FLTR_STATUS: Fan Filter status: [chars]

Explanation Fan Filter status: Present/Absent

Recommended Action Please perform a 'show system internal 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_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_PS_RED_MODE_CHG: Power redundancy mode changed to [chars]

Explanation Power redundancy mode changed

Recommended Action Please perform a 'show system internal 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 system internal platform internal info'.

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

Error Message PLATFORM-4-PS_ALI_GRID_REDUNDACY_LOST_TWO_PSU : ISSU/ ISSD can be performed, but N:N grid redundancy will be lost.

Explanation Target NXOS version don't support N:N grid redundancy. Switch won't have redundant power.

Recommended Action Please install additional power supply, to have N+1 power redundancy.

Error Message PLATFORM-4-PS_ALI_GRID_REDUNDACY_LOST_TWO_PSU : ISSU/ ISSD can be performed, but N:N grid redundancy will be lost.

Explanation Target NXOS version don't support N:N grid redundancy. Switch won't have redundant power.

Recommended Action Please install additional power supply, to have N+1 power redundancy.

PLATFORM-5

Error Message PLATFORM-5-FAN_DETECT_: Fan module [dec] [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FAN_DETECT_: Fan module [dec] [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

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.

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.

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.

Error Message PLATFORM-5-FAN_STATUS_: Fan module [dec] [chars] current-status is [chars]

Explanation Fan module changed status

Recommended Action No action is required.

Error Message PLATFORM-5-FAN_STATUS_: Fan module [dec] [chars] current-status is [chars]

Explanation Fan module changed status

Recommended Action No action is required.

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-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-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-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-FEX_FAN_DETECT: Fex [dec] Fan Module [dec] detected

Explanation Fex Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_DETECT: Fex [dec] Fan Module [dec] detected

Explanation Fex Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_REMOVE: Fex [dec] Fan Module [dec] removed

Explanation Fex Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_REMOVE: Fex [dec] Fan Module [dec] removed

Explanation Fex Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_FOUND: Fex [dec] Power Supply [dec] found(Serial number [chars])

Explanation Fex power supply is found

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_FOUND: Fex [dec] Power Supply [dec] found(Serial number [chars])

Explanation Fex power supply is found

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_REMOVE: Fex [dec] Power Supply [dec] removed(Serial number [chars])

Explanation Fex power supply is removed

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_REMOVE: Fex [dec] Power Supply [dec] removed(Serial number [chars])

Explanation Fex power supply is removed

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-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-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-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-PFM_NOTICE: [chars]

Explanation Platform Notice

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-PFM_NOTICE: [chars]

Explanation Platform Notice

Recommended Action No action is required.

Error Message PLATFORM-5-PS_ALI_GRID_REDUNDANCY_LOST_THREE_PSU: ISSU/ ISSD can be performed, but N:N grid redundancy will be lost. N+1 power redundancy will be available.

Explanation Target NXOS version don't support N:N grid redundancy. Switch will use N+1 power redundancy.

Recommended Action No action is required.

Error Message PLATFORM-5-PS_ALI_GRID_REDUNDANCY_LOST_THREE_PSU: ISSU/ ISSD can be performed, but N:N grid redundancy will be lost. N+1 power redundancy will be available.

Explanation Target NXOS version don't support N:N grid redundancy. Switch will use N+1 power redundancy.

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_FOUND: Power supply [dec] found (Serial number [chars])

Explanation Power Supply is detected.

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_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-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-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-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-PS_SYSTEM_AIR_FLOW_CONFLICT: Identified airflow conflict in the switch. Preventing ISSU/ ISSD, to avoid any hardware damage.

Explanation Due to airflow conflict, switch would heat up more. This might damage hardware.

Recommended Action Resolve airflow conflict to proceed with ISSU/ ISSD.

Error Message PLATFORM-5-PS_SYSTEM_AIR_FLOW_CONFLICT: Identified airflow conflict in the switch. Preventing ISSU/ ISSD, to avoid any hardware damage.

Explanation Due to airflow conflict, switch would heat up more. This might damage hardware.

Recommended Action Resolve airflow conflict to proceed with ISSU/ ISSD.

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_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_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 system internal 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_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 system internal 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.

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.

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.

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.

PLATFORM-6

Error Message PLATFORM-6-PFM_FAN_SPEED: [chars]

Explanation Fan Speed: For Zones

Recommended Action Please perform a 'show system internal platform internal info'.

Error Message PLATFORM-6-PFM_FAN_SPEED: [chars]

Explanation Fan Speed: For Zones

Recommended Action Please perform a 'show system internal platform internal info'.

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

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.

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.

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.

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.

PLBM Messages

This section contains the PLBM messages.

PLBM-2

Error Message PLBM-2-APBR_CORRUPT: RISE APBR: in Corrupt State, RS IP: [chars], port: [dec], Proto: [dec], nhop IP: [chars], slot ID: [dec], vlan: [dec]. Reason: [chars].

Explanation RMAP | ACL cannot be completely deleted.

Recommended Action Use show commands to identify and manually delete the corresponding ACL sequence #, and delete the rmap if empty. Then use 'clear system internal iscm apbr corrupt'.

Error Message PLBM-2-DISCOVERY_CHANNEL_DOWN: service '[chars]' is down (slot id [dec]), Reason: [chars]

Explanation See reason string in the error message with the following possibilities: \ 1. Error in bootstrap/health-monitoring response. \ 2. Timed out while waiting for bootstrap/health-monitoring response. \ 3. Failed to send bootstrap/health-monitoring message. \ 4. Control VLAN interface is not operational. \ 5. RISE interface [chars] is not operational. \ 6. RISE interface [chars] does not have control VLAN [dec] as trunk member. \ 7. Control VLAN ([dec]) interface does not have valid IP. \ 8. RISE port channel po [dec] has no member ports. \ 9. Failed to send vlan-group. \ 10. RISE IP [chars] is already assigned to another service, slot id [dec].

Recommended Action Take corrective action per the reason

Error Message PLBM-2-ITD_LICENSE_EXPIRED: ITD License: license grace-period expired. Please install ENHANCED_LAYER2_PKG.

Explanation License or grace-period has expired.

Recommended Action Take steps to renew license. Feature will be disabled.

Error Message PLBM-2-ITD_LICENSE_MISSING: Feature ITD license missing: ENHANCED_LAYER2_PKG

Explanation License does not exist when attempting to enable ITD feature.

Recommended Action Acquire license or grace-period permission.

Error Message PLBM-2-LICENSE_EXPIRED: RISE License: license grace-period expired. Please install ENHANCED_LAYER2_PKG.

Explanation License or grace-period has expired.

Recommended Action Take steps to renew license. Feature will be disabled.

Error Message PLBM-2-LICENSE_MISSING_COPY_RS: RISE license missing: ENHANCED_LAYER2_PKG. Removing RISE config.

Explanation RISE license missing after NXOS version upgrade. Previous version ran RISE without a license.

Recommended Action Acquire license or grace-period permission.

Error Message PLBM-2-LICENSE_MISSING_ISSU: RISE license missing: ENHANCED_LAYER2_PKG. Removing RISE config.

Explanation RISE license missing after ISSU. Previous version ran RISE without a license.

Recommended Action Acquire license or grace-period permission.

Error Message PLBM-2-LICENSE_MISSING: RISE license missing: ENHANCED_LAYER2_PKG

Explanation License does not exist when attempting to enable RISE feature.

Recommended Action Acquire license or grace-period permission.

Error Message PLBM-2-NAM_SERVICE_ACTIVE: service [chars](slot [dec]) is active.

Explanation

Recommended Action No action is required.

Error Message PLBM-2-NAM_SERVICE_INACTIVE: service [chars](slot [dec]) is inactive.

Explanation

Recommended Action No action is required.

Error Message PLBM-2-RISE_SERVICE_ACTIVE: service '[chars]'(slot id [dec]) became active.

Explanation

Recommended Action No action is required.

Error Message PLBM-2-RISE_SERVICE_INACTIVE: service '[chars]'(slot id [dec]) became inactive.

Explanation

Recommended Action No action is required.

PLBM-3

Error Message PLBM-3-APBR_ACLMGR_ERROR: RISE APBR: ACL was not [chars], apbr payload: [chars].

Explanation Acl was not created/deleted.

Recommended Action Check TCAM resource limit, and the sys admin.

Error Message PLBM-3-APBR_INGRESS_INT_NOT_FOUND: RISE APBR: can't find the ingress interface for RS IP: [chars].

Explanation 7K cannot find a route to the real server.

Recommended Action Check real server network reachability in the current switch.

Error Message PLBM-3-APBR_PURGE_ERROR: RISE APBR: Purge failure, slot id: [dec].

Explanation PBR entries for RISE cannot be deleted cleanly.

Recommended Action Manually delete pbr entries.

Error Message PLBM-3-APBR_RPM_ERROR: RISE APBR: RPM returns internal error, rpm resp msg: [chars], apbr payload: [chars].

Explanation Rmap step was not completed.

Recommended Action Check TCAM resource limit, or rmap collision on the same interface, and the sys admin.

Error Message PLBM-3-RHI_ROUTE_ISSUE: RISE RHI: slot [dec] route [chars] cannot be [chars]. Reason:[chars].

Explanation URIB dropped this RHI request. See reason string with the following possibilities:\ 1. SVI for data vlan [dec] does not exist. \ 2. SVI for data vlan [dec] is down. \ 3. urib issues.

Recommended Action Take corrective action per the reason.

PLBM-4

Error Message PLBM-4-APBR_ADD_SUCCESS: RISE APBR: slot id: [dec] Rmap was successfully applied to interface [chars]

Explanation

Recommended Action No action is required.

Error Message PLBM-4-APBR_DEL_SUCCESS: RISE APBR: slot id: [dec] Rmap was successfully removed from interface [chars]

Explanation

Recommended Action No action is required.

Error Message PLBM-4-APBR_MAX_LIMIT: RISE APBR: Reached max apbr entries [dec] per RISE. slot id: [dec].

Explanation PBR entries for RISE cannot be deleted cleanly.

Recommended Action Manually delete pbr entries.

Error Message PLBM-4-APBR_PBR_DISABLED: RISE APBR: feature PBR Disabled.

Explanation APBR will not function correctly without pbr feature.

Recommended Action Manually enable pbr feature.

Error Message PLBM-4-APBR_WARNING: RISE APBR: slot id: [dec], interface: [chars], reason: [chars].

Explanation

Recommended Action No action is required.

Error Message PLBM-4-ISSU_PRE_UPGRADE_TIMEOUT: RISE ISSU: pre-upgrade timed out, reason: [chars].

Explanation See the reason.

Recommended Action Try again with the upgrade.

Error Message PLBM-4-ISSU_UNEXPECTED_SLOT_MSG: RISE ISSU: unexpected msg from slot [dec], opcode: [dec].

Explanation Application should not send msg during ISSU. iSCM will ignore.

Recommended Action No action is required.

Error Message PLBM-4-ITD_MAX_BUCKET_PER_NODE: load balance bucket configuration in ITD service is exceeding the Max limit , defaulting to bucket per node [dec]

Explanation The buckets configuration by user exceeded the max bucket per node limits defaulting to internal limit

Recommended Action No Action needed

Error Message PLBM-4-LICENSE_EXPIRING: RISE License: ENHANCED_LAYER2_PKG license expires in [dec] days [dec] hours [chars]econds.

Explanation License or grace-period expiration warning.

Recommended Action Take steps to renew license. Prepare for feature disable.

PLBM-5

Error Message PLBM-5-DSC_TRANSPORT_CONNECT: RISE Transport: Discovery channel for slot [dec] connected to RISE appliance.

Explanation

Recommended Action No action is required.

Error Message PLBM-5-NAM_CLI_ISSUE_CARD_ID: Module [dec] card type is NOT NAM!

Explanation See the reason.

Recommended Action Check show module to see which module is NAM.

Error Message PLBM-5-NAM_CLI_ISSUE_SC_ONLINE: Module [dec] not in SC_ONLINE

Explanation See the reason.

Recommended Action Check show module to see if app state is OK.

Error Message PLBM-5-NAM_CLI_ISSUE_SVC: Service cannot be found for the given module [dec]

Explanation See the reason.

Recommended Action Check the module using show service nam summary.

Error Message PLBM-5-SVC_TRANSPORT_CONNECT: RISE Transport: Service channel for slot [dec] connected to RISE appliance.

Explanation

Recommended Action No action is required.

Error Message PLBM-5-TRANSPORT_ISSUE: RISE Transport: slot [dec] failed to send, reason : [chars].

Explanation See the reason.

Recommended Action Check the network connectivity and the appliance status.

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.

PLTFM_CONFIG Messages

This section contains the PLTFM_CONFIG messages.

PLTFM_CONFIG-1

Error Message PLTFM_CONFIG-1-PC_RL_DRP_THRESH_ALERT: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

PLTFM_CONFIG-2

Error Message PLTFM_CONFIG-2-PC_RL_DRP_THRESH_CRIT: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

PLTFM_CONFIG-3

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_COMMIT_RESPONSE_FAIL_LOG: LOU threshold commit failed.

Explanation LOU threshold response to commit failed.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_COMMIT_TIMEOUT_LOG: LOU threshold commit timed out.

Explanation LOU threshold response to commit timed out.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_VERIFY_RESPONSE_FAIL_LOG: LOU threshold verification failed, active acls are using more LOUs than requested threshold, aborting operation.

Explanation LOU threshold response to verify failed, so sending abort msg to all LC aclqs.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_VERIFY_TIMEOUT_LOG: LOU threshold verification timed out, aborting operation.

Explanation LOU threshold response to verify timed out, so sending abort msg to all LC aclqos.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_RL_DRP_THRESH_ERR: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_RL_STAT_BAD_DATA: Rate limiter stats data from linecard [dec] is corrupted

Explanation Rate limiter statistics data from this linecard cannot be decoded

Recommended Action *Please collect tech-support for pltfm-config on supervisor and aclqos on the line-card*

PLTFM_CONFIG-4

Error Message PLTFM_CONFIG-4-PC_ACL_CAPTURE_INCOMPAT_DISABLE: ACL Capture mode is turned OFF

Explanation ACL Capture mode is turned OFF due to incompatible features

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_ACL_CAPTURE_INCOMPAT_ENABLE: ACL Capture mode is turned back ON

Explanation ACL Capture mode is turned ON as all incompatible features are OFF

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_FP_MODE_TRANSIT_ENABLE: vdc [dec] Warning: Fabricpath mode transit is enabled, ensure all L2 ports in this VDC are fabricpath core ports (or are admin down)

Explanation Fabricpath mode transit is enabled in vdc, CE vlan based forwarding is not supported

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_RBH_MODULO_CONFIG_PROXY_VDC: Some VDCs are in proxy mode and RBH modulo may not work properly for those VDCs

Explanation Port-channel load-balancing works properly for non proxy VDCs only.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_RL_DRP_THRESH_WARN: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_VDC_CONFIG_RBH_MODULO: This VDC (vdc_id: [dec]) is a proxy VDC and the RBH modulo may not work properly for this VDC.

Explanation Port-channel load-balancing works properly for non proxy VDCs only.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_XL_SMART_LICENSE: SCALABLE XL License will continue until all XL cards are turned off

Explanation SCALABLE XL license cannot be turned off until all XL modules are down

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-XL_LICENSE_MIX_NOTIFY: Mixed use of non-XL with XL modules in the same VDC may limit common resources to non-XL capacity.

Explanation This is a reminder that mixing non-XL and XL modules in the same VDC may limit XL modules to the capacity of non-XL modules.

Recommended Action No action is required.

PLTFM_CONFIG-5

Error Message PLTFM_CONFIG-5-PC_RL_DRP_THRESH_NOT: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

PLTFM_CONFIG-6

Error Message PLTFM_CONFIG-6-PC_RL_DRP_THRESH_INFO: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

PLTFM_CONFIG-7

Error Message PLTFM_CONFIG-7-PC_RL_DRP_THRESH_DBG: rate-limiter [chars] dropped packets on module [dec] exceeded the set limits

Explanation Hardware rate-limiter drop packet count exceeded the set limits

Recommended Action No action is required.

PLUGIN Messages

This section contains the PLUGIN messages.

PLUGIN-2

Error Message PLUGIN-2-LOAD_REQUEST_FAILED_ON_STANDBY: Load request failed on standby. rc ([hex])

Explanation Load request failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-NOTIFY_MSG_FAILURE: Plugin notify message ([chars]) returned failure (rc [hex])

Explanation Plugin notify message returned failure.

Recommended Action No action is required.

Error Message PLUGIN-2-NO_MEMORY: Memory allocation failed (size [dec])

Explanation The service failed to allocate memory.

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_EXTRACT_FAILED_ON_STANDBY: Plugin extraction failed on standby. rc ([hex])

Explanation Plugin extraction failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_LOAD_INTERNAL_ERROR: Plugin has internal error during load operation. Reason: [chars]

Explanation Plugin has internal error

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_UNLOAD_INTERNAL_ERROR: Plugin has internal error during unload operation. Reason: [chars]

Explanation Plugin has internal error

Recommended Action No action is required.

Error Message PLUGIN-2-SEND_NOTIFY_MSG_FAILED: Failed to send plugin notify message ([chars]). Reason: [chars]

Explanation Failed to send plugin notify message

Recommended Action No action is required.

Error Message PLUGIN-2-UNEXPECTED_LOAD_SYNC: Received unexpected plugin load sync. Current plugin request ([dec])

Explanation Standby received load sync and current standby does not have an outstanding load request

Recommended Action No action is required.

Error Message PLUGIN-2-UNEXPECTED_UNLOAD_SYNC: Received unexpected plugin unload sync. Current plugin request ([dec])

Explanation Standby received unload sync and current standby does not have an outstanding unload request

Recommended Action No action is required.

Error Message PLUGIN-2-UNLOAD_REQUEST_FAILED_ON_STANDBY: Unload request failed on standby. rc ([hex])

Explanation Unload request failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-UPDATE_SYS_INFO_FAILED: Failed to update system information ([chars])

Explanation Failed to update system information

Recommended Action No action is required.

PLUGIN-3

Error Message PLUGIN-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]/[dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

PMON Messages

This section contains the PMON messages.

PMON-2

Error Message PMON-2-PGMON_RISING_THRESHOLD: [chars].

Explanation Port Group Rising Threshold Crossed

Recommended Action No action is required.

Error Message PMON-2-PMON_CRIT_INFO: Port Monitor Critical Information: [chars].

Explanation Port Monitor Critical Information

Recommended Action No action is required.

Error Message PMON-2-PMON_INIT_FAIL: Port Monitor : [chars].

Explanation Initialization failed, need to exit.

Recommended Action No action is required.

Error Message PMON-2-PMON_MTS_FAIL: Port Monitor MTS Error: [chars].

Explanation There's mts error.

Recommended Action No action is required.

Error Message PMON-2-PMON_PORTGUARD_ACTION: [chars].

Explanation Port Guard config Applied

Recommended Action No action is required.

PMON-3

Error Message PMON-3-FALLING_THRESHOLD_REACHED: [chars].

Explanation Port-monitor Falling Threshold reached

Recommended Action No action is required.

Error Message PMON-3-PMON_ERR_INFO: Port Monitor Error: [chars].

Explanation Port Monitor error

Recommended Action No action is required.

Error Message PMON-3-RISING_THRESHOLD_REACHED: [chars].

Explanation Port-monitor Rising Threshold reached

Recommended Action No action is required.

PMON-4

Error Message PMON-4-WARNING_THRESHOLD_REACHED_DOWNWARD: [chars].

Explanation Port-monitor Warning Threshold reached (Downward)

Recommended Action No action is required.

Error Message PMON-4-WARNING_THRESHOLD_REACHED_UPWARD: [chars].

Explanation Port-monitor Warning Threshold reached (Upward)

Recommended Action No action is required.

PMON-5

Error Message PMON-5-PGMON_FALLING_THRESHOLD: [chars].

Explanation Port Group Falling Threshold Crossed

Recommended Action No action is required.

PMON-6

Error Message PMON-6-PMON_LOG_INFO: Port Monitor Log Information: [chars].

Explanation Port Monitor Log Information

Recommended Action No action is required.

POAP Messages

This section contains the POAP messages.

POAP-2

Error Message POAP-2-POAP_DHCP_DISCOVER_RECVD_NAK: Received DHCP NAK

Explanation Received DHCP NAK

Recommended Action No action is required.

Error Message POAP-2-POAP_DHCP_DISCOVER_START: POAP DHCP Discover phase started

Explanation POAP DHCP Discover phase started

Recommended Action No action is required.

Error Message POAP-2-POAP_FAILURE: [chars]

Explanation POAP failure

Recommended Action No action is required.

Error Message POAP-2-POAP_FLASH_FULL: POAP bootflash has not enough space

Explanation POAP bootflash has not enough space (85% FULL)

Recommended Action No action is required.

Error Message POAP-2-POAP_INFO: [chars]

Explanation POAP Info

Recommended Action No action is required.

Error Message POAP-2-POAP_INITED: POAP process initialized

Explanation POAP process initialized

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_DOWNLOADED: Successfully downloaded POAP script file

Explanation Successfully downloaded POAP script file

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_EXEC_SUCCESS: POAP script execution success

Explanation POAP script execution success

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_NOT_VALIDATED: POAP script execution started(MD5 not validated)

Explanation POAP script execution started(MD5 not validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATED: POAP script execution started(MD5 validated)

Explanation POAP script execution started(MD5 validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATION_FAIL: POAP boot file validation failed

Explanation POAP boot file validation failed.

Recommended Action No action is required.

POAP-5

Error Message POAP-5-POAP_DISABLED: POAP Disabled

Explanation POAP Service Disabled

Recommended Action No action is required.

Error Message POAP-5-POAP_ENABLED: POAP Enabled

Explanation POAP Service nabled

Recommended Action No action is required.

PONG Messages

This section contains the PONG messages.

PONG-2

Error Message PONG-2-PONG_SL_CRIT: [chars]

Explanation Pong Smart License Critical: [chars]

Recommended Action No action is required.

PONG-3

Error Message PONG-3-PONG_SL_ERR: [chars]

Explanation Pong Smart License Error: [chars]

Recommended Action No action is required.

PONG-4

Error Message PONG-4-PONG_SL_WARN: [chars]

Explanation Pong Smart License Warning: [chars]

Recommended Action No action is required.

PONG-5

Error Message PONG-5-PONG_DISABLED: Pong Manager disabled

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message PONG-5-PONG_ENABLED: Pong Manager enabled

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message PONG-5-PONG_INJECTED: Pong packet injected

Explanation Pong packet injected

Recommended Action No action is required.

PONG-6

Error Message PONG-6-PONG_SL_INFO: [chars]

Explanation Pong Smart License Information: [chars]

Recommended Action No action is required.

PONG-7

Error Message PONG-7-PONG_SL_DEBUG: [chars]

Explanation Pong Smart License Debug: [chars]

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.

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.

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.

PORT-PROFILE-4

Error Message PORT-PROFILE-4-FEATURE_DISABLED_CHECK_CMDS: Feature [chars] is disabled, profile commands may have been deleted

Explanation Some feature is disabled, profile commands may have been deleted

Recommended Action It is user responsibility to make sure that profile are correct, when applying it again.

Error Message PORT-PROFILE-4-MISSING_COMMAND_NAME: The command [chars] does not have command name and may cause PPM to work incorrectly.

Explanation The command does not have command name defined in its command definition file.

Recommended Action If the command is to be configured with port profile or config profile, the developer must define its command name.

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-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 reenable

Error Message PORT-SECURITY-2-INIT_FAILURE: : [chars]

Explanation Mgmt Security initialisation has failed due to [chars].

Recommended Action No action is required.

Error Message PORT-SECURITY-2-SLCRIT: [chars]

Explanation PSM Smart License Critical: [chars]

Recommended Action No action is required.

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.

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-FCID_CONV_ERR: : [chars]

Explanation Mgmt Security pwwn to fcid conversion has failed due to [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-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-MAX_LIMIT_CROSSED: [chars]

Explanation MGMT_SEC: Max Limit for the config has exceeded.[chars]

Recommended Action No action is required.

Error Message PORT-SECURITY-3-MS_DB_ERR: : [chars]

Explanation Mgmt Security db operation has failed due to [chars].

Recommended Action No action is required.

Error Message PORT-SECURITY-3-MS_DISABLE_ERR: [chars]

Explanation An error occurred during an mgmt-security disable operation. [chars] indicates the 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-MS_ENABLE_ERR: [chars]

Explanation An error occurred during an mgmt-security enable operation. [chars] indicates the 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-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 a 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.

Error Message PORT-SECURITY-3-SDB_ERR: [chars]

Explanation An error occurred during an mgmt-security sdb operation. [chars] indicates the 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-SDB_UPDATE_ERR: : [chars]

Explanation Mgmt Security update has failed due to [chars].

Recommended Action No action is required.

Error Message PORT-SECURITY-3-SLERR: [chars]

Explanation PSM Smart License Error: [chars]

Recommended Action No action is required.

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

Error Message PORT-SECURITY-4-MAX_LIMIT_REACHED: [chars]

Explanation MGMT_SEC: Max Limit for the config has reached.[chars]

Recommended Action No action is required.

Error Message PORT-SECURITY-4-PSS_WARN: [chars]

Explanation A failure occurred during a PSM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action No action is required.

Error Message PORT-SECURITY-4-SLWARN: [chars]

Explanation PSM Smart License Warning: [chars]

Recommended Action No action is required.

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.

Error Message PORT-SECURITY-6-MGMT_SEC_INFO: [chars]

Explanation An event happend that affects Mgmt Security. [chars] indicates the event

Recommended Action No action is required.

Error Message PORT-SECURITY-6-SLINFO: [chars]

Explanation PSM Smart License Information: [chars]

Recommended Action No action is required.

PORT-SECURITY-7

Error Message PORT-SECURITY-7-SLDEBUG: [chars]

Explanation PSM Smart License Debug: [chars]

Recommended Action No action is required.

PREFPATH Messages

This section contains the PREFPATH messages.

PREFPATH-1

Error Message PREFPATH-1-LC_CFG_FAILURE: configuring module [dec] failed [[chars]]

Explanation Module configuration failed

Recommended Action No action is required.

Error Message PREFPATH-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 No action is required.

PREFPATH-2

Error Message PREFPATH-2-INITFAIL: Preferred Path Initialization failed: [chars]

Explanation Preferred Path initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message PREFPATH-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation Preferred Path component encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message PREFPATH-2-PREFPATH_INIT: Preferred Path initialization of [chars] [chars]

Explanation Preferred Path 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.

PREFPATH-3

Error Message PREFPATH-3-ACL_PROG_FAILURE: SLOT [dec]: Failed to [chars] ACL for route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars] (ACL return code=[hex], [chars])

Explanation The Preferred Path has failed to program or erase Preferred Path related ACL. The error code returned by ACL module is [int.].

Recommended Action No action is required.

Error Message PREFPATH-3-DBERROR: [chars]

Explanation Preferred Path encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-FAILURE_RESPONSE: [chars] [dec]

Explanation Preferred Path failed to get response [chars][int.] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-GENERAL_ERROR: General Error: [chars]

Explanation General error

Recommended Action No action is required.

Error Message PREFPATH-3-MTSERROR: [chars]

Explanation Preferred Path encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-PREFPATH_ACTIVE_FAILURE: Failed to [chars] route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars] (reason: [chars])

Explanation The Preferred Path has failed to activate route. The reason is [str.].

Recommended Action No action is required.

Error Message PREFPATH-3-PSSERROR: [chars]

Explanation Preferred Path encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-RIB_ERR: Error in RIB : [chars]

Explanation Failed to interact with RIB for static route update, error description in [chars].

Recommended Action No action is required.

Error Message PREFPATH-3-TIMEOUT_ERROR: [chars] [dec]

Explanation Preferred Path encountered a timeout [chars][int.] specify the context where the failure occurred.

Recommended Action No action is required.

PREFPATH-4

Error Message PREFPATH-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

PREFPATH-6

Error Message PREFPATH-6-ACL_PROG_SUCCESS: SLOT [dec]: Successfully [chars] route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars]

Explanation The Preferred Path has successfully programmed or erased Preferred Path related ACL.

Recommended Action No action is required.

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

Explanation Preferred Path Service Up

Recommended Action No action is required.

Error Message PREFPATH-6-STATE_CREATED: Internal state created [chars]

Explanation Preferred Path has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

PRIVATE_VLAN Messages

This section contains the PRIVATE_VLAN messages.

PRIVATE_VLAN-2

Error Message PRIVATE_VLAN-2-PVLAN_ELTM_MTS_SEND_FAILED: Failed to send mts message to eltm manager for configuring hardware.

Explanation ELTM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ELTM_TIMED_OUT: ELTM timed out while configuring hardware.

Explanation Failed to received a response from eltm manager during hardware vlan translation configuration

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ETHPM_TIMED_OUT: ETHPM timed out while configuring/unconfiguring hardware

Explanation On disabling feature private vlan, ethpm response was not received in the expected time interval.

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_ASSOCIATE_PRIMARY_WITH_SECONDARY_VLAN: Failed to bring up the association between [dec] & [dec]

Explanation Association between primary and secondary vlan failed due to an error returned by vlan manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_COMMUNICATE_REMOVE_VLAN_ASSOCIATION_TO_ELTM: Failed to bring down the association between [dec] & [dec]

Explanation Fail to remove association between primary and secondary vlan due to an error returned by eltm manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_COMMUNICATE_VLAN_ASSOCIATION_TO_ELTM: Failed to bring up the association between [dec] & [dec]

Explanation Failed to associate primary and secondary vlan due to an error returned by eltm manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_REMOVE_ASSOCIATION_BETWEEN_PRIMARY_AND_SECONDARY_VLAN: Failed to bring down the association between [dec] & [dec]

Explanation Removing association between primary and secondary vlan failed due to an error returned by vlan manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_HW_ERROR: Error [hex] occurred for ifindex [hex] while programming hardware: [chars]

Explanation Pixm manager was not able to configured the vlan cbl state for the specified interface

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_MTS_SEND_FAILED: MTS send failed while communicating with PIXM

Explanation Failed to send a message to PIXM manager, to programm vlan cbl state due to mts internal error.

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_TIMED_OUT: PIXM timed out while configuring hardware.

Explanation Failed to received a response from pixm manager during cbl hardware configuration

Recommended Action No action is required.

PRIVATE_VLAN-3

Error Message PRIVATE_VLAN-3-PVLAN_ASSOC_SDB_UPDATE_FAILED: Failed to update SDB while [chars] association for vlan [dec]

Explanation Failed to save primary-secondary vlan association to the database due to fsm internal error

Recommended Action No action is required.

PRIVATE_VLAN-5

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 the ports that are in switchport mode private-vlan: [chars]

Explanation Disabling of private-vlan failed

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_VTP_DISABLE_FAILED: Either remove all private-vlans from VTP domain or change VTP to transparent mode

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

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 No action is required.

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.

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.

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.

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.

PROFILER Messages

This section contains the PROFILER messages.

PROFILER-0

Error Message PROFILER-0-EMERGENCY_MSG: [chars]

Explanation Profiler Emergency Message

Recommended Action Please file the bug for Profiler Library Component thro' CDETS

PROFILER-1

Error Message PROFILER-1-ALERT_MSG: [chars]

Explanation Profiler Alert Message

Recommended Action Profiler Internal Operation Alert

PROFILER-2

Error Message PROFILER-2-CRITICAL_MSG: [chars]

Explanation Profiler Critical Message

Recommended Action No action is required.

Error Message PROFILER-2-PROFILER_CAPTURED_TECH_SUPPORT_ON_CRASH: Profiler Captured Internal Details on Process Crash with Signal [dec]

Explanation Profiler Captured Internal Details on Process Crash

Recommended Action No action is required.

Error Message PROFILER-2-PROFILER_CAPTURED_TECH_SUPPORT_ON_DROP_TIMEOUT: Profiler Captured [chars] Tech-Support on Drop Timeout of Opcode [chars]

Explanation Profiler Captured Tech-Support on MTS Drop Timeout

Recommended Action No action is required.

Error Message PROFILER-2-PROFILER_CAPTURED_TECH_SUPPORT_ON_TIMEOUT: Profiler Captured [chars] Tech-Support on Process Timeout of Opcode [chars] rrtoken [dec] msgid [dec]

Explanation Profiler Captured Tech-Support on Timeout

Recommended Action No action is required.

Error Message PROFILER-2-PROFILER_CAPTURED_TECH_SUPPORT: Profiler Captured [chars] Tech-Support

Explanation Profiler Captured Tech-Support

Recommended Action No action is required.

PROFILER-3

Error Message PROFILER-3-ERROR_MSG: [chars]

Explanation Profiler Error Message

Recommended Action No action is required.

PROFILER-4

Error Message PROFILER-4-WARN_MSG: [chars]

Explanation Profiler Warning Message

Recommended Action No action is required.

PROFILER-5

Error Message PROFILER-5-NOTIF_MSG: [chars]

Explanation Profiler Notification Message

Recommended Action No action is required.

PROFILER-6

Error Message PROFILER-6-INFO_MSG: [chars]

Explanation Profiler Informational Message

Recommended Action No action is required.

PROFILER-7

Error Message PROFILER-7-DEBUG_MSG: [chars]

Explanation Profiler Debug Message

Recommended Action No action is required.

PSSHHELPER Messages

This section contains the PSSHHELPER messages.

PSSHHELPER-2

Error Message PSSHHELPER-2-PSS_HELPER_MTS_FAIL: Failed to do MTS operation: [chars].

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

Recommended Action Reload module to recover

PSSHHELPER-3

Error Message PSSHHELPER-3-PSS_HELPER_ERROR_MESSAGE: [chars]

Explanation Error message

Recommended Action SYSLOGDOC_NO_ACTION

PSSHHELPER-7

Error Message PSSHHELPER-7-PSS_HELPER_BADFLAG : PSS Helper: [chars]

Explanation PSSHelper received a bad flag for bind/unbind request

Recommended Action SYSLOGDOC_NO_ACTION

Error Message PSSHHELPER-7-PSS_HELPER_RESP_UNACK: PSS Helper: [chars]

Explanation PSS Helper msg out of order

Recommended Action SYSLOGDOC_NO_ACTION

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_NO_MORE_RSM_PAGES: [chars]: needs more rsm pages

Explanation Service needs more rsm 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.

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_FAILURE: [chars]: failed to write data: [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.

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_ERROR: [chars]

Explanation PSS error log

Recommended Action No action is required.

Error Message PSS-2-PSS_INFRACONVERT: [chars]

Explanation Error in libinfraconvert during pss conversion

Recommended Action No action is required.

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.

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.

PTPLC Messages

This section contains the PTPLC messages.

PTPLC-3

Error Message PTPLC-3-PTPLC_PORT_CFG_FAILED: Configuration failed on port [hex], [chars]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

Error Message PTPLC-3-PTPLC_PTP_INTF_CONFIG_ERROR: Failed to configure PTP/PONG on port [dec]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

PTP Messages

This section contains the PTP messages.

PTP-5

Error Message PTP-5-PTP_DISABLED: PTP service is disabled

Explanation PTP Service is disabled at this point

Recommended Action *DEBUG*

Error Message PTP-5-PTP_DOMAIN_CHANGE: PTP domain number is changed to [dec]

Explanation PTP domain number is changed

Recommended Action *DEBUG*

Error Message PTP-5-PTP_ENABLED: PTP service is enabled

Explanation PTP Service is enabled at this point

Recommended Action *DEBUG*

Error Message PTP-5-PTP_ENCAP_CHANGE: PTP encapsulation is changed to '[chars]'

Explanation PTP encapsulation is changed

Recommended Action *DEBUG*

Error Message PTP-5-PTP_MODE_CHANGE: PTP mode is changed to '[chars]'

Explanation PTP mode is changed

Recommended Action *DEBUG*

Error Message PTP-5-PTP_NEW_SLAVE: New PTP Slave interface is '[chars]'

Explanation New PTP Slave interface is selected by Best Master Clock (BMC) selection algorithm

Recommended Action Because of change in physical connection or configuration, PTP slave interface may get changed. If this is expected, no action is required. But, if this is not expected, please collect show tech-support ptp output, call your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support ptp 2. show accounting log

TAC Details Please analyze show tech-support ptp and other logs (like, show accounting log) to decide if it is expected or not. If it is not expected and root cause cannot be determined, please report this to Engineering. You should use Topic to search for a similar DDTs.

Error Message PTP-5-PTP_NO_MORE_SLAVE: Current PTP Slave interface '[chars]' is no longer Slave

Explanation Existing PTP Slave interface will no longer be Slave interface. New PTP Slave interface will be selected by Best Master Clock (BMC) selection algorithm

Recommended Action Because of change in physical connection or configuration, PTP slave interface may get changed. If this is expected, no action is required. But, if this is not expected, please collect show tech-support ptp output, call your Cisco technical support representative and provide the representative with the gathered information.

Required Info 1. show tech-support ptp 2. show accounting log

TAC Details Please analyze show tech-support ptp and other logs (like, show accounting log) to decide if it is expected or not. If it is not expected and root cause cannot be determined, please report this to Engineering. You should use Topic to search for a similar DDTs.

PTP-6

Error Message PTP-6-PTP_ANNOUNCE_INTERVAL_CHANGE: PTP announce interval for [chars] is changed to [dec] (log mean)

Explanation PTP announce interval (specified as log mean) for specific interface is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_ANNOUNCE_TIMEOUT_CHANGE: PTP announce timeout interval for [chars] is changed to [dec]

Explanation PTP announce timeout interval for specific interface is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_DELAY_REQ_INTERVAL_CHANGE: PTP delay-req interval for [chars] is changed to [dec] (log mean)

Explanation PTP delay-req interval (specified as log mean) for specific interface is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_PRIORITY1_CHANGE: PTP priority1 is changed to [dec]

Explanation PTP priority1 is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_PRIORITY2_CHANGE: PTP priority2 is changed to [dec]

Explanation PTP priority2 is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_RESIDENCE_DELAY_CHANGE: PTP residence delay is changed to [dec]

Explanation PTP residence delay is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_SYNC_INTERVAL_CHANGE: PTP sync interval for [chars] is changed to [dec] (log mean)

Explanation PTP sync interval (specified as log mean) for specific interface is changed

Recommended Action *DEBUG*

Error Message PTP-6-PTP_VLAN_CHANGE: PTP vlan for [chars] is changed to [dec]

Explanation PTP vlan for specific interface is changed

Recommended Action *DEBUG*

PULSE Messages

This section contains the PULSE messages.

PULSE-0

Error Message PULSE-0-EMERGENCY_MSG: [chars]

Explanation Pulse Emergency Message

Recommended Action Please file the bug for Pulse Library Component thro' CDETS

PULSE-1

Error Message PULSE-1-ALERT_MSG: [chars]

Explanation Pulse Alert Message

Recommended Action Pulse Internal Operation Alert

PULSE-2

Error Message PULSE-2-CRITICAL_MSG: [chars]

Explanation Pulse Critical Message

Recommended Action No action is required.

Error Message PULSE-2-PULSE_CAPTURED_INTERNAL_DETAILS_ON_CRASH: NX-OS Pulse Auto-Captured Internal Details on Process Crash with Signal [dec]

Explanation NX-OS Pulse Captured Internal Details on Process Crash

Recommended Action No action is required.

Error Message PULSE-2-PULSE_CAPTURED_Tech_SUPPORT_EVENT_SEQ_FAILED: NX-OS Pulse Captured [chars] Tech-Support on Event Seq. Failure: [chars]

Explanation NX-OS Pulse Captured Tech-Support

Recommended Action No action is required.

Error Message PULSE-2-PULSE_CAPTURED_Tech_SUPPORT_ON_DROP_TIMEOUT: NX-OS Pulse Auto-Captured [chars] Tech-Support on Drop Timeout of Opcode [chars]

Explanation NX-OS Pulse Auto-Captured Tech-Support on MTS Drop Timeout

Recommended Action No action is required.

Error Message PULSE-2-PULSE_CAPTURED_Tech_SUPPORT_ON_TIMEOUT: NX-OS Pulse Auto-Captured [chars] Tech-Support on Process Timeout of Opcode [chars] rrtoken [dec] msgid [dec]

Explanation NX-OS Pulse Auto-Captured Tech-Support on Timeout

Recommended Action No action is required.

Error Message PULSE-2-PULSE_CAPTURED_TECH_SUPPORT: NX-OS Pulse Captured [chars] Tech-Support

Explanation NX-OS Pulse Captured Tech-Support

Recommended Action No action is required.

PULSE-3

Error Message PULSE-3-ERROR_MSG: [chars]

Explanation Pulse Error Message

Recommended Action No action is required.

PULSE-4

Error Message PULSE-4-WARN_MSG: [chars]

Explanation Pulse Warning Message

Recommended Action No action is required.

PULSE-5

Error Message PULSE-5-NOTIF_MSG: [chars]

Explanation Pulse Notification Message

Recommended Action No action is required.

PULSE-6

Error Message PULSE-6-INFO_MSG: [chars]

Explanation Pulse Informational Message

Recommended Action No action is required.

PULSE-7

Error Message PULSE-7-DEBUG_MSG: [chars]

Explanation Pulse Debug Message

Recommended Action No action is required.

QD Messages

This section contains the QD messages.

QD-3

Error Message QD-3-QD_COSMAP_TMO: Cos map update for [chars] timed out

Explanation Cos map update timed out.

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.

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-SLCRIT: [chars]

Explanation QoS Manager Smart License Critical: [chars]

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.

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.

Error Message QOS-3-SLERR: [chars]

Explanation QoS Manager Smart License Error: [chars]

Recommended Action No action is required.

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.

Error Message QOS-4-SLWARN: [chars]

Explanation QoS Manager Smart License Warning: [chars]

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.

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.

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-SLINFO: [chars]

Explanation QoS Manager Smart License Information: [chars]

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.

QOS-7

Error Message QOS-7-SLDEBUG: [chars]

Explanation QoS Manager Smart License Debug: [chars]

Recommended Action No action is required.

QUACK_SMC Messages

This section contains the QUACK_SMC messages.

QUACK_SMC-6

Error Message QUACK_SMC-6-QUACK_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

R2D2_USD Messages

This section contains the R2D2_USD messages.

R2D2_USD-2

Error Message R2D2_USD-2-R2D2_ASSERTED: R2D2 USD asserted @ [chars]:[dec]!

Explanation

Recommended Action No action is required.

Error Message R2D2_USD-2-R2D2_SYSLOG_CRIT: [chars] :[dec], [chars]

Explanation R2D2 instance not ok to use

Recommended Action Collect more information about R2D2 Reloading the module will recover.

R2D2_USD-3

Error Message R2D2_USD-3-R2D2_SYSLOG_ERROR: [chars]

Explanation

Recommended Action No action is required.

R2D2_USD-4

Error Message R2D2_USD-4-R2D2_SYSLOG_WARNING: [chars]

Explanation

Recommended Action No action is required.

R2D2_USD-6

Error Message R2D2_USD-6-R2D2_SYSLOG_INFO: [chars]

Explanation R2D2 log message

Recommended Action No action is required.

RADIUS Messages

This section contains the RADIUS messages.

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-4

Error Message RADIUS-4-RADIUS_WARNING: [chars]

Explanation RADIUS Warning

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.

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.

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.

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: RES_MGR Error: 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_CONFLICTING_RESOURCE_KEYS: RES_MGR Critical Error: The [chars] resource key [dec] from node [dec] is conflicting with other nodes.

Explanation The user should try and release the conflicting resource.

Recommended Action No action is required.

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: RES_MGR Error: 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.

Error Message RES_MGR-2-RES_MGR_INSUFFICIENT_RESOURCE: RES_MGR Error: [chars] resource cannot be reserved for VDC [dec]

Explanation A limit-resource command was issued such that a desired limit

Recommended Action No action is required.

Error Message RES_MGR-2-RES_MGR_WARNING_NEED_RELOAD: RES_MGR Warning: Changing the limit for [chars] takes affect after a device reload or a stateful supervisor module switch-over

Explanation User need to do a device reload or stateful supervisor module switchover for the resource configurations to take affect

Recommended Action No action is required.

RES_MGR-3

Error Message RES_MGR-3-RES_MGR_RES_ALREADY_EXCEEDED: RES_MGR Error: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec])

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: RES_MGR Error: 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: RES_MGR Error: 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: RES_MGR Error: 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: RES_MGR Warning: 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.

Error Message RES_MGR-4-RES_MGR_RES_ALREADY_EXCEEDED_BUT_NOT_ENFORCED: RES_MGR Warning: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec]) 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: RES_MGR Notification: 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: RES_MGR Notification: 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.

Error Message RES_MGR-4-RES_MGR_UNEXPECTED_MSG_LEN: RES_MGR Warning: The size of this message was expected to be [dec] ([dec] keys of [dec] size with a [dec] bytes header) and instead was [dec].

Explanation A message of unexpected length was received.

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_VLAN_RESERVED_RANGE_UNAVAILABLE: RES_MGR Warning: System is running with limited functionality due to restricted reserved vlan range 3968-4047 should be 3968-4096.

Explanation User should delete VLANS in range 4048-4093 and use following command: system vlan 3968 reserve

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: RES_MGR info: 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.

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.

Error Message RIB-1-LCM_FIB_ERR: RIB failed LC insertion

Explanation RIB stopped linecard from coming online due to error received from FIB during merge operation

Recommended Action Check RIB error logs to see error received from FIB

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.

Error Message RIB-3-MISS_APPS: Missing response from service

Explanation Service not responding to rib

Recommended Action Please contact the 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-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.

Error Message RIB-4-DUP_FIB: Duplicate response from fib

Explanation Rib ignored duplicate response from fib

Recommended Action Please contact the 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-4-LATE_FIB: Late response from fib

Explanation Rib ignored late response from fib

Recommended Action Please contact the 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-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.

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.

Error Message RLIR-2-SYSLOG_ERROR: RLIR Syslog error: [chars]: [dec]

Explanation RLIR Syslog error: [chars] [dec]

Recommended Action No action is required.

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: Critical error occurred due to [chars]. Service Module will be reloaded

Explanation Critical error have occurred in ILC or dependent software.

Recommended Action SUPPORT

Error Message RM-SLOT#-2-OHMS_DISABLE_ERROR: ERROR: Disable of OHMS for the module failed.

Explanation OHMS Disable error. App cannot be provisioned.

Recommended Action Retry App provisioning or restart the linecard

Error Message RM-SLOT#-2-OHMS_ENABLE_ERROR: ERROR: Enable of OHMS for the module failed.

Explanation OHMS Enable error. App cannot be provisioned.

Recommended Action No action is required.

Error Message RM-SLOT#-2-PROV_CONFIG_ERROR: ERROR: Failed provisioning due to [chars] .

Explanation Provisioning error. App could not be provisioned.

Recommended Action Retry App provisioning or restart the linecard

Error Message RM-SLOT#-2-RM_CPP_RELOAD_TMOUT: ERROR: Time out seen in [chars] for critical error response. Service Module will be reloaded

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_CRITICAL_ALERT: [chars]

Explanation Critical Alert needs user attention

Recommended Action Follow the recommended steps appeared on console

Error Message RM-SLOT#-2-RM_PROCESS_FAILED: ERROR: [chars] failed

Explanation An activity failed in ILC. Activity details shown in the message

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_PROCESS_TMOUT: ERROR: [dec] did not complete due to timeout.
Reloading Service Module

Explanation Mentioned activity can not be completed in ILC due to timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_VICPP_RECREATE_ERROR: All the fast path resources are down due to VICPP connectivity lost

Explanation Component caused critical error as per reason stated above

Recommended Action Restart the linecard

Error Message RM-SLOT#-2-SPI_FIFO_CONFIG_ERROR: ERROR: Failed to configure the SPI FIFO for the APP.

Explanation SPI FIFO error. App cannot be provisioned.

Recommended Action Retry App provisioning or restart the linecard

RM-SLOT#-4

Error Message RM-SLOT#-4-RM_WARNING: [chars]

Explanation Warning displayed due to reason stated above

Recommended Action No action is required.

RSCN Messages

This section contains the RSCN messages.

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-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-3

Error Message RSCN-3-PSS_FAILED: RSCN PSS operation failed: [chars]: [chars]

Explanation RSCN PSS operation failed: [chars] [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.

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-RSCN_EVENT: RSCN event: [chars] [chars]

Explanation RSCN Event: [chars] [chars]

Recommended Action No action is required.

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.

SABRE_APP Messages

This section contains the SABRE_APP messages.

SABRE_APP-SLOT#-2

Error Message SABRE_APP-SLOT#-2-SABRE_APP_EXITED: Sabre driver application exited (syserr = [dec], errno = [dec])

Explanation Sabre driver application exited

Recommended Action No action is required.

SAC_USD Messages

This section contains the SAC_USD messages.

SAC_USD-2

Error Message SAC_USD-2-JTAG_CHECK_FAILED: Xbar Driver JTAG ID check failed for slot:[dec] asic:[dec]

Explanation Xbar Driver JTAG ID check failed

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_ACCESS_FAILED: Xbar Driver Failed to access reg for [chars]

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Explanation Xbar Driver catastrophic error

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR_OCCURED: Xbar ASIC interrupt occurred: [chars]

Explanation Interrupt occurred

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR_THRESHLD: Xbar ASIC interrupt threshold reached: [chars]

Explanation Interrupt threshold reached

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR: Xbar ASIC interrupt occurred: [chars]

Explanation Interrupt occurred on the xbar

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_MALLOC_FAILED: Xbar Driver memory allocation failed

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message SAC_USD-2-SHUTDOWN: Xbar Driver software process exiting: [chars]

Explanation Xbar Driver shutting down

Recommended Action No action is required.

Error Message SAC_USD-2-SYNC_FAILED: Xbar Driver sync failed: [chars]

Explanation Xbar Driver Sync failed for the xbar channel

Recommended Action No action is required.

SAC_USD-3

Error Message SAC_USD-3-EN_DATA_FAILED: Xbar Driver enable data failed for slot:[dec] asic:[dec] channel:[hex]

Explanation Xbar Driver Enable Datapath failed for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-3-FPOE_DB_ECC: Xbar Driver FPOE DB ECC error in [chars]

Explanation FPOE DB ECC error

Recommended Action No action is required.

SAC_USD-5

Error Message SAC_USD-5-STARTING: Xbar Driver process starting

Explanation Xbar Driver process is being started

Recommended Action No action is required.

Error Message SAC_USD-5-XBAR_FLOW_CTRL_DIS_EN: XBAR Multicast Flow Control [chars]

Explanation Sacramento xbar multicast flow control on Stage3 ports

Recommended Action No action is required.

SAC_USD-6

Error Message SAC_USD-6-DIS_DATA: Xbar Driver disable datapath done for slot:[dec] asic:[dec] channel:[hex]

Explanation Disabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-6-EN_DATA: Xbar Driver enable datapath done for slot:[dec] asic:[dec] channel:[hex]

Explanation Enabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-6-SAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message SAC_USD-6-SPINE_HW_INIT: Xbar Driver HW initialization has been done for Fabric-Slot:[dec] Asic:[dec]

Explanation Xbar Driver HW initialization has been called[dec]

Recommended Action No action is required.

Error Message SAC_USD-6-SYNC_DONE: Xbar Driver sync done for slot:[dec] asic:[dec] channel:[hex]

Explanation Sync Completed successfully for the xbar channel

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.

SANTAP Messages

This section contains the SANTAP messages.

SANTAP-SLOT#-2

Error Message SANTAP-SLOT#-2-AVT_CREATE_FAILED: AVT PWWN: [chars], NWWN: [chars], Vsan: [dec], Host: [chars], Tgt: [chars], TgtVsan: [dec], RC: [chars]

Explanation AVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-AVT_SCSI_FAILED: AVT PWWN: [chars], Host: [chars], AVT Lun: 0x%Ld AVTVsan: [dec], OPC: [hex] RC: [chars]

Explanation SCSI command to AVT is invalid Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-COMMIT_FAILED: Commit Failed, status: [dec] token = [dec], vtUid = 0x%Lx, lunId = 0x%Lx

Explanation ISAPI Commit Failed, number of ITLs exceeded limit for the DPP

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-CVT_CREATE_FAILED: CVT PWWN: [chars], NWWN: [chars], Vsan: [dec], RC: [chars]

Explanation CVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_CREATE_FAILED: DVT PWWN: [chars], FEVsan: [dec], BEVsan: [dec], io_tmo: [dec], app_io_tmo: [dec], RC: [chars]

Explanation DVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_DELETE_FAILED: DVT PWWN: [chars], RC: [chars]

Explanation DVT delete failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_LUN_CREATE_FAILED: DVT: [chars], Host: [chars], DVTLun: 0x%LX, TGTLun: 0x%LX, HIIndex: [dec], Expected HIIndex: [dec], RC: [chars]

Explanation DVT LUN create failed because of sanity checks. Please check reason code for exact failure

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-FIT_EXISTS_ON_DIFFERENT_DPP_ERR: CONFIG Error: Cannot Create FIT on DPP [dec] for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Same Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] is logged in to another DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] on a different DPP [dec]

Explanation Same HOST cannot log into two DVTs which are on different DPPs

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-FIT_EXISTS_ON_DIFFERENT_PORT_ERR: CONFIG Error: Cannot Create FIT on Ifindex [hex]. Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] logged in to DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] on a different ifindex [hex]

Explanation Same HOST cannot log into two DVTs which are on different ports

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-HOST_PWWN_EXISTS_IN_BE_VSAN: WARNING:: Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] Exists in BackEnd Vsan [dec], cannot create FIT for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation FIT cannot be created, as Host exists in the Backend Vsan.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-INTERNAL_ERR: [chars]

Explanation Santap Internal Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ISAPI_CRIT_PROCESS_CRASH: [chars]. [chars]. SANTAP VM Size: [dec]kB

Explanation ISAPI critical error - process crash.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_AVT_REC: AVT PWWN: [chars], NWWN: [chars], Vsan: [dec], Host: [chars], Tgt: [chars], TgtVsan: [dec], RC: [chars]

Explanation AVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_CVT_REC: CVT PWWN: [chars], NWWN: [chars], Vsan: [dec], RC: [chars]

Explanation CVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_DVT_REC: DVT PWWN: [chars], FEvsan: [dec], BEVsan: [dec], io_tmo: [dec], app_io_tmo: [dec], RC: [chars]

Explanation DVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-SANTAP_UNPROVISIONING_NOT_SUPPORTED_DURING_PSS_RECOVERY: Santap can not be unprovisioned during pss recovery. Please wait for Santap to recover and retry.

Explanation Santap can not be unprovisioned during pss recovery. Please wait for Santap to recover and retry.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-SANTAP_VERSION_NOT_SUPPORTED: Santap feature is not supported in this version of NX-OS. Please refer to NX-OS release notes for more detail.

Explanation Santap feature is not supported in this version of NX-OS. Please refer to NX-OS release notes for more detail.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_AVT_DELETED: Santap: AVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (avt vsan [dec]) deleted

Explanation Santap AVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_AVT_LUN_DELETED: Santap: AVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (avt lun 0x%Lx) deleted

Explanation Santap avtlun is deleted as part of Unprovisioning or VSAN Delete or CLI

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_CVT_DELETED: Santap: CVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (cvt vsan [dec], name [chars]) deleted

Explanation Santap CVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_DVT_DELETED: Santap: DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (FE vsan [dec], BE vsan [dec]) deleted

Explanation Santap DVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_AVT_REC: PSS Error: Deleting duplicate AVT %Lx PSS record

Explanation Duplicate AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_CVT_IN_VSAN: PSS Error: VSAN: [dec] already has CVT %Lx. Deleting CVT %Lx PSS record

Explanation Multiple CVT in VSAN Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_DVT_REC: PSS Error: Deleting duplicate DVT %Lx PSS record

Explanation Duplicate DVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_DVT_AVT_ERR: DVT %Lx does not exist for AVT

Explanation No DVT for AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_HIFIT_AVT_ERR: HI %Lx does not exist for AVT %Lx

Explanation No HI for AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_AVT: PSS Error: VSAN: [dec] deleted. Deleting AVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_CVT: PSS Error: VSAN: [dec] deleted. Deleting CVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_DVT: PSS Error: VSAN: [dec] deleted. Deleting DVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_HOST_PURGED_FROM_DVT: Santap: Host
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] removed from DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (FE vsan [dec], BE vsan [dec]).

Explanation Santap Host Initiator is removed from DVT

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_32BIT_LUNS_PER_HOST_REACHED:
MAX_32bit_LUNS_PER_HOST([dec]) limit reached for Host
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per Host. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_DVT_LUNS_PER_LC_REACHED: MAX_DVT_LUNS_PER_LC([dec])
limit reached. Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per LC. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_HOSTS_PER_DVT_REACHED: MAX_HOST_PER_DVT([dec]) limit
reached for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Reject Plogi/Prli from
Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation System limit reached for the number of Hosts logging into DVT. More Hosts cannot be configured at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_ITLS_PER_DPP_REACHED: MAX_LUNS_PER_DPP([dec]) limit
reached on DPP [dec] for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of ITLS per DPP. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_LUNS_PER_DVT_REACHED: MAX_LUNS_PER_DVT([dec]) limit
reached for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per DVT. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_LUNS_PER_HOST_REACHED: MAX_LUNS_PER_HOST([dec]) limit reached for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per Host. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_REPORT_LUNS_FAILED_ZONE_MISCONFIG: ZONE MISCONFIG: Report Luns Failed for Host: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Tgt: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], dd-sts [hex], scsi-sts [hex], isapi-sts [hex]

Explanation Report Luns Failed for the specified Host, Tgt pair due to missing zone. Please check the zone configuration.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_REPORT_LUNS_FAILED: Report Luns Failed for Host: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Tgt: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], dd-sts [hex], scsi-sts [hex], isapi-sts [hex]

Explanation Report Luns Failed for the specified Host, Tgt pair. Please check the configuration.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_SES_DELETED: Santap: Ses [dec] deleted

Explanation Santap ses is deleted as part of Unprovisioning or VSAN Delete or CLI

Recommended Action No action is required.

SANTAP-SLOT#-4

Error Message SANTAP-SLOT#-4-INTERNAL_WARNING: [chars]

Explanation Santap Internal Warning

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_16_BIT_LUNS_PRESENT: 16 Bit luns installed (current num luns [dec]) for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx !!

Explanation Cannot Install 16bit and 32 bit luns for the same Host-Tgt pair

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_32_BIT_LUNS_PRESENT: 32 Bit luns installed (current num luns [dec]) for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx !!

Explanation Cannot Install 16bit and 32 bit luns for the same Host-Tgt pair

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_BLK_SIZE_GREATER_THAN_FIVE_TWELVE: Lun Block Size 0x%Lx detected is greater than 512 for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support Luns with Blk Size greater than 512

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_DEVICE_TYPE_NOT_SUPPORTED: Lun Device Type [dec] detected is not supported for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support devices other than DASD and ArrCntl

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_SIZE_GREATER_THAN_2_POW_48: Lun Size 0x%Lx detected is greater than 2 power 48 for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support Luns greater than 2 power 48

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_MISSING_LUN_IN_TARGET_AVT_LUN_EXISTS: Warning: Lun 0x%Lx deleted on Target but AVT LUN 0x%Lx exists for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], AVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Please remove relevant avtluns, as Lun no longer exists on Target

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_MISSING_LUN_IN_TARGET_SES_EXISTS: Warning: Lun 0x%Lx deleted on Target but Session [dec] exists for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Please remove relevant sessions, as Lun no longer exists on Target

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_NEAR_MAX_HOSTS_PER_DVT: Warning: Approaching MAX_HOSTS_PER_DVT([dec]) for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Existing num hosts [dec]

Explanation Please be wary of the number of hosts logging in.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_NEAR_MAX_LUNS_PER_HOST: Warning: Approaching MAX_LUNS_PER_HOST([dec]) limit for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Existing num luns [dec]

Explanation Please be wary of the number of luns configured for this host.

Recommended Action No action is required.

SANTAP-SLOT#-5

Error Message SANTAP-SLOT#-5-SANTAP_INFO: [chars]

Explanation SANTAP notification.

Recommended Action No action is required.

SANTAP-SLOT#-6

Error Message SANTAP-SLOT#-6-FIT_CREATE_ERROR_TARGET_OFFLINE: Target Offline, Cannot Create FIT in vsan [dec] for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] and DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation FIT Cannot be created as the target is offline

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_COUNTER_RESET: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has reset avt lun mask pacing counter

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_DISABLED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has disabled avt lun mask pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_ENABLED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has enabled avt lun mask pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_EXCL_MASK_IN_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified excl mask in threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_MASK_ALL_OUT_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified mask all out threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_MASK_OUT_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified mask out threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_RECOVER_VSAN_DATABASE: Attempting VSAN database resync

Explanation Santap force recovery of vsans has been attempted by user. This will attempt to bring back santap vsan database in sync with the switch

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_RESYNC_VTS_IN_VSAN: ReSync Vsan [dec], changing state from [chars] to [chars]. All the VTs in this vsan will be resynced

Explanation Santap force recovery of vsans has been attempted by user. This will attempt to bring back santap vt in sync with ISAPI

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_COUNTER_RESET: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has reset scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_DISABLED: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has disabled scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_ENABLED: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has enabled scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_PARAM_MODIFIED: Current outstanding scp [dec] reset counter [dec] pacing enabled? [dec], new threshold [dec]

Explanation User has modified the scp pacing threshold

Recommended Action No action is required.

SAN_EXT_TUNER Messages

This section contains the SAN_EXT_TUNER messages.

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

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.

SCM Messages

This section contains the SCM messages.

SCM-2

Error Message SCM-2-SCMLCINSERTFAIL: [chars]

Explanation FCoE Card Insertion Failed due to reason mentioned above

Recommended Action No action is required.

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 pwnn 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.

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.

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.

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 None

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.

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_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-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.

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.

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-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-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-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-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-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-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.

Error Message SDV-3-INTERNAL_ERR: [chars]

Explanation SDM process encountered an internal error due to [chars]

Recommended Action No action is required.

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-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_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_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 command. 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 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.

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: fcid rewrite [chars] request vsan [dec] vdevvid [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 SDV-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: fcid rewrite [chars] request vsan [dec] vdevvid [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.

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.

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.

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-FEATURE_ENABLE_DISABLE: User [chars] has [chars] the feature [chars]

Explanation User has enabled or disabled the feature

Recommended Action No action is required.

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.

Error Message SECURITYD-2-FIPS_IMAGE_INTEGRITY_SELF_TEST_STATUS: FIPS Image Integrity self-test status : [chars]

Explanation Status of image integrity self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_INTEGRITY_CONFIG_FAIL: Integrity enable info check failed with error(%#x:[chars])

Explanation Status of FIPS integrity enable info config

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_INTEGRITY_TEST_FAIL: Integrity check for FIPS mode failed with error(%#x:[chars])

Explanation Status of FIPS integrity check

Recommended Action Security threat detected,execute cli command #write erase# followed by #reload#

Error Message SECURITYD-2-FIPS_POST_ERROR_MSG: [chars]

Explanation Fips post Error Message

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_MAINTENANCE: FIPS Test failed. Moving to maintenance mode

Explanation FIPS Test failed. Moving to maintenance mode

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_TEST_FAILED: FIPS crypto-test failure : [dec]

Explanation FIPS crypto-test failed [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-INVALID_ADMIN_PASSWD: User admin has NULL password. Copy r s aborted

Explanation User admin has NULL password. Copy r s aborted

Recommended Action No action is required.

Error Message SECURITYD-2-MOVE_TO_MAINTENANCE_MODE: [chars], Moving to maintenance mode

Explanation Moving to maintenance mode

Recommended Action No action is required.

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.

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.

Error Message SECURITYD-3-SECURITY_ERR_MSG : [chars]

Explanation Security Error Message

Recommended Action No action is required.

Error Message SECURITYD-3-USERPASSPHRASE_TIMEVALUE_FAIL: Update timevalue for user: [chars] [FAIL]

Explanation Update timevalue 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.

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.

Error Message SECURITYD-5-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 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'

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.

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.

Error Message SECURITYD-6-FIPS_POST_INFO_MSG: [chars]

Explanation Fips post Information Message

Recommended Action No action is required.

Error Message SECURITYD-6-SECURITY_INFO_MSG : [chars]

Explanation Security Info Message

Recommended Action No action is required.

SECURITYD-7

Error Message SECURITYD-7-FIPS_INTEGRITY_TEST_PASS: Integrity check for FIPS mode is successful

Explanation Status of FIPS integrity check

Recommended Action No action is required.

Error Message SECURITYD-7-SECURITY_DBG_MSG : [chars]

Explanation Security Debug Message

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.

Error Message SENSOR_USD-3-SNSM_API_CALL_FAILURE: Sensor Mgr Error in [chars] call
errno=[dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

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
Dequeing 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 Messages

This section contains the SENSOR messages.

SENSOR-0

Error Message SENSOR-0-DC3_SENSOR_MSG: [chars]

Explanation SENSOR log emergency message

Recommended Action No action is required.

SENSOR-3

Error Message SENSOR-3-DC3_SENSOR_MSG1: [chars]

Explanation SENSOR log message

Recommended Action No action is required.

SESSION-MGR Messages

This section contains the SESSION-MGR messages.

SESSION-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.

SESSION-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.

SESSION-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.

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.

SFPFPGA_USD Messages

This section contains the SFPFPGA_USD messages.

SFPFPGA_USD-3

Error Message SFPFPGA_USD-3-SFP_FPGA_LOG_MSG: [chars]

Explanation**Recommended Action** No action is required.***SIM Messages***

This section contains the SIM messages.

SIM-2**Error Message** SIM-2-GENERAL_ERROR: [chars]**Explanation** General error**Recommended Action** Check for any issues with shared fex port**Error Message** SIM-2-GENERAL_NOTICE: [chars]**Explanation** General notice**Recommended Action** Collect show tech sim**Error Message** SIM-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** SIM-2-IF_SEQ_ERROR: Error ([chars]) communicating with [chars] for opcode [chars] ([chars])**Explanation** Some component returned system error as a response to one of the port event sequence.**Recommended Action** Collect show tech sim**Error Message** SIM-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** Collect show tech sim and show tech for the component printed in syslog**Error Message** SIM-2-SIM_TXN_EVSEQ_RSP_FAILED: evseq [chars] response failed for transaction [chars] sap [chars] opcode [chars] err [chars]**Explanation** Sim evseq response failure**Recommended Action** Collect show tech sim

Error Message SIM-2-SIM_TXN_EVSEQ_TIMER_EXPIRED: evseq [chars] timed out for transaction [chars] sap [chars] opcode [chars]

Explanation Sim evseq timer expired

Recommended Action Collect show tech sim and show tech for the component printed in syslog

Error Message SIM-2-SIM_TXN_ROLLBACK_STARTED: from original transaction [chars] to roll-back transaction [chars]

Explanation Sim rollback started

Recommended Action Collect show tech sim

SKT_USD Messages

This section contains the SKT_USD messages.

SKT_USD-2

Error Message SKT_USD-2-SKT_RF_CRC_ERR: [chars]

Explanation Skytrain received packet(s) from fabric with CRC error

Recommended Action No action is required.

SKT_USD-6

Error Message SKT_USD-6-SKT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

SKYLINE_APP Messages

This section contains the SKYLINE_APP messages.

SKYLINE_APP-SLOT#-2

Error Message SKYLINE_APP-SLOT#-2-SKYLINE_APP_EXITED: Skyline driver application exited (syserr = [dec], errno = [dec])

Explanation Skyline driver application exited

Recommended Action No action is required.

SLA_RESPONDER Messages

This section contains the SLA_RESPONDER messages.

SLA_RESPONDER-2

Error Message SLA_RESPONDER-2-IPSLARESPERROR: IP SLA responder configuratioin failed.
[chars]

Explanation Responder configuration failed

Recommended Action Reconfigure the sla responder

SLA_SENDER Messages

This section contains the SLA_SENDER messages.

SLA_SENDER-3

Error Message SLA_SENDER-3-IPSLATHRESHOLD: IP SLAs([dec]): Threshold [chars] for [chars]

Explanation Threshold exceeded or cleared

Recommended Action None

Error Message SLA_SENDER-3-SAAMPLS: IP SLA Monitor([dec]): MPLS [chars] Probe [chars]
[chars] for destination-address %i lsp-selector %i

Explanation Reaction event for LSP

Recommended Action None

Error Message SLA_SENDER-3-SNMP: rttMonCtrlAdminTag = [chars]

Explanation The tag associated with the probe

Recommended Action None

SLA_SENDER-4

Error Message SLA_SENDER-4-OPER_CLOSE_OR_TIMEOUT: condition [chars], entry number = [dec]

Explanation Connection loss or timeout condition

Recommended Action None

SOTRA_USD Messages

This section contains the SOTRA_USD messages.

SOTRA_USD-2

Error Message SOTRA_USD-2-SOTRA_SYSLOG_CRIT: [chars] :[dec], [chars]

Explanation Sotra instance not ok to use

Recommended Action Collect more information about Sotra Reloading the module will recover.

SOTRA_USD-3

Error Message SOTRA_USD-3-SOTRA_MSG1: [chars]

Explanation SOTRA log 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.

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.

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.

SRVNAME_FIPSM Messages

This section contains the SRVNAME_FIPSM messages.

SRVNAME_FIPSM-5

Error Message SRVNAME_FIPSM-5-SPLITTER_DISABLED: SPLITTER Disabled

Explanation SPLITTER Service Disabled

Recommended Action No action is required.

Error Message SRVNAME_FIPSM-5-SPLITTER_ENABLED: SPLITTER Enabled

Explanation SPLITTER Service nabled

Recommended Action No action is required.

SRVNAME_RTD_MONITOR Messages

This section contains the SRVNAME_RTD_MONITOR messages.

SRVNAME_RTD_MONITOR-2

Error Message SRVNAME_RTD_MONITOR-2-SECURITY_ALERT: SECURITY-WARNING: [chars]

Explanation Security related alert messages

Recommended Action *Contact TAC to open a case*

SRVNAME_RTD_MONITOR-7

Error Message SRVNAME_RTD_MONITOR-7-RTD_MONITOR_DBG_MSG: [chars]

Explanation RTD_MONITOR Debug Message

Recommended Action No action is required.

STATSCLIENT Messages

This section contains the STATSCLIENT messages.

STATSCLIENT-2

Error Message STATSCLIENT-2-STATSCL_CRIT: [chars]

Explanation StatsClient Critical 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.

STATSCLIENT-3

Error Message STATSCLIENT-3-STATSCL_ERR2: [chars] [dec] [dec]

Explanation StatsClient 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 STATSCLIENT-3-STATSCL_ERR: [chars] [dec]

Explanation StatsClient 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.

STATSCLIENT-6

Error Message STATSCLIENT-6-STATSCL_INFO: [chars]

Explanation StatsClient Flow 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.

STP Messages

This section contains the STP messages.

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 no shutdown command in interface configuration mode. /*-----*/ /* Messages related to port inconsistency checking */ /*-----*/

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.

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 Investigate on the loss of BPDUs

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 No action is necessary. This is a recovery syslog. /*-----
-----*/ /* Messages related to PVST Peer inconsistency */ /*-----
-----*/

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 No action is necessary. This is a recovery syslog. /*-----
-----*/ /* Messages related to port state change */ /*-----
-----*/

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 BPDUs 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 show spanning-tree inconsistentports 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 Fix the error specified in the error message. /*-----

-----*/ /* Messages related to bpduguard */ /*-----
-*/

Error Message STP-2-L2GW_BACKBONE_BLOCK: L2 Gateway Backbone port inconsistency blocking port [chars] on [chars].

Explanation A BPDU was received on the listed interface which advertises a superior spanning tree root bridge to that currently in use. The interface is put into blocking state and marked as L2 Gateway Backbone port inconsistent in order to prevent a suboptimal spanning tree topology to form.

Recommended Action Issue the show spanning-tree inconsistentports command to review the list of interfaces with L2 Gateway Backbone port 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. /*-----
-----*/

Error Message STP-2-L2GW_BACKBONE_UNBLOCK: L2 Gateway Backbone port inconsistency cleared unblocking port [chars] on [chars].

Explanation The listed interface is no longer receiving BPDUs advertizing a superior root bridge. The L2 Gateway Backbone port inconsistency is cleared for the interface and then it is taken out of the blocking state if appropriate.

Recommended Action No action is necessary. This is a recovery syslog. /*-----

-----*/ /* Messages related to VPC Hitless Role-change */ /*-----
-----*/

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 show spanning-tree inconsistentports 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 No action is necessary. This is a recovery syslog. /*-----
-----*/
/* Messages related to Dispute Mechanism */ /*-----
-----*/

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 reenable 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.

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 No action is necessary. This is a recovery syslog. /*-----
-----*/
/* Messages related to Pre-standard MST Detection */ /*-----
-----*/

Error Message STP-2-RANDNUM_FAIL: [chars]

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action Correct the error specified in the syslog. /*-----
 -----*/ /* Messages related to vPC peer-switch configuration */ /*-----
 -----*/

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 Investigate on why the BPDU was missing VLAN id tag. /*-----
 -----*/ /* Messages related to rootguard */ /*-----
 -----*/

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 show spanning-tree inconsistentports 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 this 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.

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 No action is necessary. This is a recovery syslog. /*-----

-----*/
-----*/
-----*/

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 Check the error message for more details and how to fix.

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 Check with PIXM on the reson for timeout.

Error Message STP-2-STP_INIT: STP initialization of [chars] [chars]

Explanation STP initialization failed

Recommended Action SYSLOGDOC_CONTACT_TAC

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 Make sure network is stable with no topology change during ISSU. /*-----

-----*/
-----*/
-----*/

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 No action is necessary. This is a recovery syslog.

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 No action is necessary. This is a recovery syslog. /*-----

-----*/ /* Messages related to Root Change */ /*-----
-----*/

Error Message STP-2-VLAN_PORT_LIMIT_EXCEEDED: The number of vlan-port instances 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 show interface trunk command to see the total number of trunks and VLANs. /*-----
-----*/ /* Messages related to hello time change */ /*-----*/

Error Message STP-2-VPC_HITLESS_FAILURE: VPC Hitless Role Change Failure. Reason: [chars].

Explanation VPC Hitless Role Change has failed.

Recommended Action Flap of VPC Peer-link. /*-----*/

#endif

Error Message STP-2-VPC_PEERSWITCH_CONFIG_DISABLED : vPC peer-switch configuration is disabled. Please make sure to change spanning tree bridge priority as per the Recommended guidelines.

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree bridge priority as per the Recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the Recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch Recommended guidelines. /*-----*/ /* Messages related to VPC Peer-link Inconsistency */ /*-----*/

Error Message STP-2-VPC_PEERSWITCH_CONFIG_ENABLED: vPC peer-switch configuration is enabled. Please make sure to configure spanning tree bridge priority as per Recommended guidelines to make vPC peer-switch operational.

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree bridge priority as per the Recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the Recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch Recommended guidelines.

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 Clear the inconsistency mentioned in the message.

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 no shutdown 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 No action is necessary. This is a recovery syslog.

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 interace 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 stongly 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

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 stongly 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. /*-----*/ /* Messages related to forward delay change */ /*-----*/

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 Check port and L2FM for timeout.

Error Message STP-4-MAC_ADDR_MOVE_L2FT_REQ_TIMEOUT: MAC Address Move 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 Move Request to L2FM has timedout. check port

Recommended Action Investigate on timeout from L2FM.

STP-6

Error Message STP-6-FIRST_BPDU_TX: First BPDU transmitted

Explanation First BPDU transmitted.

Recommended Action No action is necessary. This syslog is for information purposes. /*-----*/ /* Messages related to VPC Peer-link Inconsistency */ /*-----*/

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 No action is necessary. /*-----*/ /* Messages related to MST boundary port */ /*-----*/

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 No action is necessary. This is a change in topology. /*-----*/ /* Messages related to MST pre-standard port */ /*-----*/

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 No action necessary. This is change in port. /*-----

-----*/ /* Messages related to vlan-port limit */ /*-----
 ----*/

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 No action is necessary. This syslog is for information purposes. /*-----

-----*/ /* Messages related to consolidated Port UP */ /* WARNING: If you change this definition, please update the following func: */ /* stp_syslog.c:stp_syslog_get_template_len */ /*-----
 -----*/

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 No action is necessary. This syslog is for information purposes. /*-----

-----*/ /* Messages related to Port Priority Change */ /*-----
 -----*/

Error Message STP-6-PORT_DELETED: Interface [chars], removed from [chars]

Explanation This spanning tree port has been deleted

Recommended Action No action is necessary. This syslog is for information purposes. /*-----

-----*/ /* Messages related to consolidated Port DOWN */ /* WARNING: If you change this definition, please update the following func: */ /* stp_syslog.c:stp_syslog_get_prefix_len */ /*-----
 -----*/

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 No action is necessary. This syslog is for information purposes. /*-----

-----*/ /* Messages related to Port UP */ /*-----
 -----*/

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 No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to Port Link Type Change */ /*-----
 -----*/

Error Message STP-6-PORT_RANGE_ADDED: Interface [chars] added to [chars] with cost [dec],
 priority [dec], link-type [chars]

Explanation This spanning tree port has been added

Recommended Action No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to Port DOWN */ /*-----
 -----*/

Error Message STP-6-PORT_RANGE_DELETED: Interface [chars] removed from [chars]

Explanation This range spanning tree logical ports has been deleted

Recommended Action No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to MST Region configuration digest */ /*-----
 -----*/

Error Message STP-6-PORT_RANGE_ROLE : new_role=[chars] interface=[chars] [chars]

Explanation The role of the range of spanning tree logical ports has changed

Recommended Action No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to Port Cost Change */ /*-----
 -----*/

Error Message STP-6-PORT_RANGE_STATE: new_state=[chars] interface=[chars] [chars]

Explanation The range of Spanning-Tree logical ports have changed state.

Recommended Action No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to catastrophic errors */ /*-----
 -----*/

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 No action is necessary. This syslog is for information purposes. /*-----
 -----*/ /* Messages related to consolidated Port Role Change */ /* WARNING: If you
 change this definition, please update the following func: */ /* stp_syslog.c:stp_syslog_get_prefix_len */ /*-----
 -----*/

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 No action is necessary. This syslog is for information purposes. /*-----
-----*/ /* Messages related to consolidated port state change */ /* WARNING: If you
change this definition, please update the following func: /* stp_syslog.c:stp_syslog_get_prefix_len /* /*-----
-----*/

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 No action is necessary. This syslog is for information purposes. /*-----
-----*/ /* Messages related to Bridge Assurance */ /*-----
-----*/

Error Message STP-6-ROOT: Root bridge for [chars] changed to [chars]

Explanation The spanning tree root bridge has changed

Recommended Action No action is necessary. This syslog is for information purposes. /*-----
-----*/ /* Messages related to Port Role Change */ /*-----
-----*/

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

Explanation STP line 2.

Recommended Action No action is necessary. This syslog is for information purposes.

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 necessary. This syslog is for information purposes. /*-----
-----*/

SVC_CLNT Messages

This section contains the SVC_CLNT messages.

SVC_CLNT-2

Error Message SVC_CLNT-2-SVC_CLNT_PRINT1: [chars] [dec]

Explanation No action is required.

Recommended Action

Error Message SVC_CLNT-2-SVC_CLNT_PRINT2: [chars] [dec] [dec]

Explanation No action is required.

Recommended Action

Error Message SVC_CLNT-2-SVC_CLNT_PRINT3: [chars] [dec] [dec] [dec]

Explanation No action is required.

Recommended Action

Error Message SVC_CLNT-2-SVC_CLNT_PRINT4: [chars] [chars] [dec]

Explanation No action is required.

Recommended Action

Error Message SVC_CLNT-2-SVC_CLNT_PRINT: [chars]

Explanation No action is required.

Recommended Action

SYSMGR Messages

This section contains the SYSMGR messages.

SYSMGR-0

Error Message SYSMGR-0-ACTIVE_SUP_LESS_MEMORY: Active is Sup-A & Standby is Sup-B, replace Sup-A in slot [dec] with Sup-B for continued redundancy post switchover

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-0-ACTIVE_SUP_LESS_MEMORY: Active is Sup-A & Standby is Sup-B, replace Sup-A in slot [dec] with Sup-B for continued redundancy post switchover

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-0-STANDBY_SUP_LESS_MEMORY: Active is Sup-B & Standby is Sup-A, replace Sup-A in slot [dec] with Sup-B for continued redundancy post switchover

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-0-STANDBY_SUP_LESS_MEMORY: Active is Sup-B & Standby is Sup-A, replace Sup-A in slot [dec] with Sup-B for continued redundancy post switchover

Explanation Supervisor memory mismatch

Recommended Action No action is required.

SYSMGR-2

Error Message SYSMGR-2-ACTIVE_LOWER_MEM_THAN_STANDBY: Active supervisor in slot [dec] is running with less memory than standby supervisor in slot [dec].

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-2-ACTIVE_LOWER_MEM_THAN_STANDBY: Active supervisor in slot [dec] is running with less memory than standby supervisor in slot [dec].

Explanation Supervisor memory mismatch

Recommended Action No action is required.

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-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-CFGCTRL_SBY_SAVE_FAILED: The cfgctrl process has failed to save the config on the standby supervisor. reason: [chars]

Explanation Configuration control has failed to save the configuration on the standby supervisor.

Recommended Action Please see the reason string

Error Message SYSMGR-2-CFGCTRL_SBY_SAVE_FAILED: The cfgctrl process has failed to save the config on the standby supervisor. reason: [chars]

Explanation Configuration control has failed to save the configuration on the standby supervisor.

Recommended Action Please see the reason string

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-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_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_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-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.

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.

Error Message SYSMGR-2-CFGWRITE_ABORTED_CONFELEMENT_RETRIES: Copy R S failed as config-failure retries are ongoing. Type show nxapi retries to check the ongoing retries.

Explanation Copy R S failed as config-failure retries are ongoing.

Recommended Action Please verify the syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGWRITE_ABORTED_CONFELEMENT_RETRIES: Copy R S failed as config-failure retries are ongoing. Type show nxapi retries to check the ongoing retries.

Explanation Copy R S failed as config-failure retries are ongoing.

Recommended Action Please verify the syslog messages printed correct the problem, and try again.

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_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_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_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_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_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.

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.

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_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-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_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_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_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.

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.

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-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 Saving of a core file failed.

Recommended Action No action is required.

Error Message SYSMGR-2-CORE_SAVE_FAILED: [chars]: PID [dec] with message [chars].

Explanation Saving of a core file failed.

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-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-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-FEATURE_SET_NOT_DISABLED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not cleanup: [chars]

Explanation Services from a feature-set did not cleanup properly.

Recommended Action Please contact the 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-FEATURE_SET_NOT_DISABLED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not cleanup: [chars]

Explanation Services from a feature-set did not cleanup properly.

Recommended Action Please contact the 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-FEATURE_SET_SRVTIMEOUT: vdc [dec]: feature-set 0x%llx [chars]: Following services did not respond in time: [chars]

Explanation The services did not handshake with sysmgr in time

Recommended Action No action is required.

Error Message SYSMGR-2-FEATURE_SET_SRVTIMEOUT: vdc [dec]: feature-set 0x%llx [chars]: Following services did not respond in time: [chars]

Explanation The services did not handshake with sysmgr in time

Recommended Action No action is required.

Error Message SYSMGR-2-FEATURE_SET_UNGRACEFUL_DISABLE_FAILED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not exit even after SIGKILL: [chars]

Explanation Services from a feature-set did not exit properly.

Recommended Action Please contact the 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-FEATURE_SET_UNGRACEFUL_DISABLE_FAILED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not exit even after SIGKILL: [chars]

Explanation Services from a feature-set did not exit properly.

Recommended Action Please contact the 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-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-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 ' to reset the standby supervisor if you want to try again.

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 ' to reset the standby supervisor if you want to try again.

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_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_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-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-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-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 show what caused the switchover.

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 show what caused the switchover.

Error Message SYSMGR-2-HASWITCHOVER_START: Supervisor [dec] 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 show what caused the switchover.

Error Message SYSMGR-2-HASWITCHOVER_START: Supervisor [dec] 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 show 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-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-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_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_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.

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.

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-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 Generic trace message for core file saving.

Recommended Action No action is required.

Error Message SYSMGR-2-LAST_CORE_BASIC_TRACE: [chars]: PID [dec] with message [chars].

Explanation Generic trace message for core file saving.

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-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 There has been an error calling `mts_flush_sync_queue` to guarantee no outstanding messages. This 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-MTS_FLUSH_SYNC_QUEUE_FAILURE: flush mts sync queue failed with [chars] (errno [dec])`

Explanation There has been an error calling `mts_flush_sync_queue` to guarantee no outstanding messages. This 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 '` 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-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 '` 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-NON_VOLATILE_DB_INODE_FULL: System non-volatile inode storage usage is unexpectedly high at [dec]%.

Explanation System non-volatile inode storage space is almost full.

Recommended Action Please run the command 'clear processes log 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-NON_VOLATILE_DB_INODE_FULL: System non-volatile inode storage usage is unexpectedly high at [dec]%.

Explanation System non-volatile inode storage space is almost full.

Recommended Action Please run the command 'clear processes log 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.

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.

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_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_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_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_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.

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.

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_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_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_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_FT_SET_ID_PARSEERR: [chars]: ft_set_id ([dec]) out of bound for [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_FT_SET_ID_PARSEERR: [chars]: ft_set_id ([dec]) out of bound for [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_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.

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.

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_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_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_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_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.

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.

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_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_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_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_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.

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.

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_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_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_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 not 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 not 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.

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.

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_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_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_STARTUP_MODE_DEPENDENCY: [chars]: Invalid dependency. Service [chars]'s startup mode ('[chars]') does not match dependent service [chars]'s startup mode ('[chars]').

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action No action is required.

Error Message SYSMGR-2-PARSEERR_INVALID_STARTUP_MODE_DEPENDENCY: [chars]: Invalid dependency. Service [chars]'s startup mode ('[chars]') does not match dependent service [chars]'s startup mode ('[chars]').

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action No action is required.

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_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_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.

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.

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_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_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_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 not 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 not 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 not 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 not 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_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 not 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_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 not 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 not 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 not 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_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_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.

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.

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 not 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_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 not 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 not 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 not 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-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-PATCH_ACTIVE_SYNC_FAILED: Active could not sync patch to standby.
Reloading Standby

Explanation Active could not sync patch to standby. Reloading Standby to recover

Recommended Action Check if .patch directory is present on active. Otherwise reload the switch

Error Message SYSMGR-2-PATCH_ACTIVE_SYNC_FAILED: Active could not sync patch to standby.
Reloading Standby

Explanation Active could not sync patch to standby. Reloading Standby to recover

Recommended Action Check if .patch directory is present on active. Otherwise reload the switch

Error Message SYSMGR-2-PATCH_REPO_STORE_FAILED: Not enough space to store patch repo in standby bootflash

Explanation Failed to store patch repo in standby bootflash due to insufficient space available

Recommended Action Please free up a few hundred mb in standby bootflash to store patch repo OR insert bootflash with needed space and then reload standby from active

Error Message `SYSMGR-2-PATCH_REPO_STORE_FAILED: Not enough space to store patch repo in standby bootflash`

Explanation Failed to store patch repo in standby bootflash due to insufficient space available

Recommended Action Please free up a few hundred mb in standby bootflash to store patch repo OR insert bootflash with needed space and then reload standby from active

Error Message `SYSMGR-2-PATCH_STANDBY_SYNC_FAILED: Standby could not sync patch repo. Reloading to recover`

Explanation Patch installer on standby exited during patch sync. Module will be reloaded

Recommended Action No action is required.

Error Message `SYSMGR-2-PATCH_STANDBY_SYNC_FAILED: Standby could not sync patch repo. Reloading to recover`

Explanation Patch installer on standby exited during patch sync. Module will be reloaded

Recommended Action No action is required.

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 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-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 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-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-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]%. Top 3 huge files are [chars]

Explanation System volatile database in kernel space is almost full.

Recommended Action Please run the command 'show system internal pss kernel memstats'. If this message continues to persist, please contact TAC.

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 'show system internal pss kernel memstats'. If this message continues to persist, please contact TAC.

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_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 set 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 set 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 it is 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_CHANNEL_FAILURE: Remote sup will be rebooted since it is 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, potentially including switchover 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-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, potentially including switchover 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-REMOTE_VER_FAIL: Remote version extraction failed.

Explanation Remote version extraction failed. Standby may not be in ha standby state.

Recommended Action Reload Standby with image in bootflash

Error Message SYSMGR-2-REMOTE_VER_FAIL: Remote version extraction failed.

Explanation Remote version extraction failed. Standby may not be in ha standby state.

Recommended Action Reload Standby with image in bootflash

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-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.

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.

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-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-SBY_RELOAD_CFGCTRL: The cfgctrl process on sby has failed [dec] times, reloading sby sup to recover

Explanation Configuration control has failed multiple times, the standby supervisor will be automatically reloaded so that it can be recovered.

Recommended Action No action is required.

Error Message SYSMGR-2-SBY_RELOAD_CFGCTRL: The cfgctrl process on sby has failed [dec] times, reloading sby sup to recover

Explanation Configuration control has failed multiple times, the standby supervisor will be automatically reloaded so that it can be recovered.

Recommended Action No action is required.

Error Message SYSMGR-2-SBY_SUP_LESS_MEMORY_SLOT: Supervisor in slot [dec] is running with less memory than active supervisor in slot [dec]

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-2-SBY_SUP_LESS_MEMORY_SLOT: Supervisor in slot [dec] is running with less memory than active supervisor in slot [dec]

Explanation Supervisor memory mismatch

Recommended Action No action is required.

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-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_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_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-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.

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.

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-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 Clear Memory Alert Event received

Recommended Action No action is required.

Error Message `SYSMGR-2-SRV_CLEAR_MEMORY_ALERT: Service [chars] clear memory alert ([dec]%)`

Explanation Clear 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_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_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-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.

TAC Details Please use the following wiki to debug: <http://www.icntnetworks.com/>

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.

TAC Details Please use the following wiki to debug: [https://wiki.cisco.com/display/NXOSSYSMGR/Sysmgr%20Troubleshooting%20-%20Switch%20bootup%20failure%20or%20Standby%20failed%20to%20\[dec\]ome%20online](https://wiki.cisco.com/display/NXOSSYSMGR/Sysmgr%20Troubleshooting%20-%20Switch%20bootup%20failure%20or%20Standby%20failed%20to%20[dec]ome%20online)

Error Message SYSMGR-2-STANDBY_FAILED_ACTION_GSYNC: Standby supervisor failed to boot up: Service (UUID: [hex]) failed to complete gsync on standby supervisor

Explanation The initial synchronization of service 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-STANDBY_FAILED_ACTION_GSYNC: Standby supervisor failed to boot up: Service (UUID: [hex]) failed to complete gsync on standby supervisor

Explanation The initial synchronization of service 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-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-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-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-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_OVER: Switchover completed.

Explanation The switchover is completed.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SVCRASHED: Service [chars] (PID [dec]) crashed during switchover - hasn't caught signal [dec] . Core will not be collected.

Explanation The switchover failed because a service crashed during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVCRAshed: Service [chars] (PID [dec]) crashed during switchover - hasn't caught signal [dec] . Core will not be collected.

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_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.

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.

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_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 timed out 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-SWITCHOVER_TIMEOUT: Service [chars] (vdc [dec]) did not respond to switchover message in [dec] seconds

Explanation The switchover timed out 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 A MTS sync failure has occurred. See the full text of the message for further details.

Recommended Action Please contact the 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 A MTS sync failure has occurred. See the full text of the message for further details.

Recommended Action Please contact the 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-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-SYSMGR_AUTOCOLLECT_TECH_SUPPORT_LOG: This supervisor will temporarily remain online in order to collect show tech-support. This behavior is

configurable via 'system [no] auto-collect tech-support'. Collected information in /bootflash/hap_reset_show_tech.gz.

Explanation Supervisor is automatically collecting logs

Recommended Action No action is required.

Error Message SYSMGR-2-SYSMGR_AUTOCOLLECT_TECH_SUPPORT_LOG: This supervisor will temporarily remain online in order to collect show tech-support. This behavior is configurable via 'system [no] auto-collect tech-support'. Collected information in /bootflash/hap_reset_show_tech.gz.

Explanation Supervisor is automatically collecting logs

Recommended Action No action is required.

Error Message SYSMGR-2-SYSMGR_MALLOC_FAIL: [chars]: malloc ([dec] bytes) for [chars] failed [chars]([dec])

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.

Error Message SYSMGR-2-SYSMGR_MALLOC_FAIL: [chars]: malloc ([dec] bytes) for [chars] failed [chars]([dec])

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.

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-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-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 Please contact the 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_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 Please contact the 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_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 Please contact the 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_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 Please contact the 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_CREATE_FAILURE: The vdc [dec] creation failed due to incorrect state of services: [chars]

Explanation The creation of a VDC has failed due to services being in the incorrect state.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_CREATE_FAILURE: The vdc [dec] creation failed due to incorrect state of services: [chars]

Explanation The creation of a VDC has failed due to services being in the incorrect state.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_DELETE_FAILURE: The vdc delete has failed: [chars] (error-id [hex])

Explanation The deletion of the VDC 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_DELETE_FAILURE: The vdc delete has failed: [chars] (error-id [hex])

Explanation The deletion of the VDC 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_DEL_FAILURE_SRV: The vdc [dec] deletion failed due to incorrect state of services: [chars]

Explanation The deletion of a VDC has failed due to services being in the incorrect 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-VDC_DEL_FAILURE_SRV: The vdc [dec] deletion failed due to incorrect state of services: [chars]

Explanation The deletion of a VDC has failed due to services being in the incorrect 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-VDC_NOT_CLEANEDUP_SRVS: vdc [dec]: The following services did not clean up: [chars]

Explanation The shown services did not cleanup during VDC deletion.

Recommended Action Please contact the 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]: The following services did not clean up: [chars]

Explanation The shown services did not cleanup during VDC deletion.

Recommended Action Please contact the 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-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-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 show what caused the switchover.

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 show what caused the switchover.

Error Message SYSMGR-2-WDT_KGDB: System watchdog kgdb has been [chars] for slot [dec].

Explanation System watchdog kgdb has been enabled/disabled. If the command has been enabled, the system will go into kgdb if there is a watchdog timeout.

Recommended Action No action is required.

Error Message SYSMGR-2-WDT_KGDB: System watchdog kgdb has been [chars] for slot [dec].

Explanation System watchdog kgdb has been enabled/disabled. 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 Generic trace message. See message printout for further details.

Recommended Action No action is required.

Error Message `SYSMGR-3-BASIC_TRACE: [chars]: PID [dec] with message [chars].`

Explanation Generic trace message. See message printout for further details.

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-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 supervisor state changes to unstable, cfgctrl should be terminated

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 supervisor 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-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.

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.

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_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_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_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_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_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.

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.

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_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_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_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-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-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.

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.

Error Message SYSMGR-3-CORE_CLIENT_INIT_FAILED: Core client will not be started due to an internal error.

Explanation Core client will not be started due to an internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_CLIENT_INIT_FAILED: Core client will not be started due to an internal error.

Explanation Core client will not be started due to an internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_OP_FAILED: Core operation failed: [chars]

Explanation There has been a failure in a core operation.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_OP_FAILED: Core operation failed: [chars]

Explanation There has been a failure in a core operation.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_SERVER_INIT_FAILED: Core server will not be started due to an internal error.

Explanation Core server will not be started due to an internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_SERVER_INIT_FAILED: Core server will not be started due to an internal error.

Explanation Core server will not be started due to an 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-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-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-FILE_SYS_FULL: The directory [chars] is full. Please empty this directory.

Explanation The specified directory is full.

Recommended Action Please remove some files from the specified directory.

Error Message SYSMGR-3-FILE_SYS_FULL: The directory [chars] is full. Please empty this directory.

Explanation The specified directory is full.

Recommended Action Please remove some files from the specified directory.

Error Message SYSMGR-3-GSYNC_ALREADY_DONE: Service [chars] in vdc [dec] has already performed a global sync.

Explanation Service has already performed a global sync. Duplicate request for global sync is not allowed now.

Recommended Action No action is required.

Error Message SYSMGR-3-GSYNC_ALREADY_DONE: Service [chars] in vdc [dec] has already performed a global sync.

Explanation Service has already performed a global sync. Duplicate request for global sync is not allowed now.

Recommended Action No action is required.

Error Message SYSMGR-3-GSYNC_FAILED: Gsync failed on standby because of srv [chars] gsync failure, exit status = [dec] in VDC [dec]

Explanation Gsync of a service failed on 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-3-GSYNC_FAILED: Gsync failed on standby because of srv [chars] gsync failure, exit status = [dec] in VDC [dec]

Explanation Gsync of a service failed on 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-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.

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.

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 this service will be killed and if it 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-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 this service will be killed and if it 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_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_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_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_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.

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.

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-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_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_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_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_SRV_FAIL: LC upgrade handshake [chars] failed by service : [chars]

Explanation LC upgrade handshake has failed for a 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-LC_SRV_FAIL: LC upgrade handshake [chars] failed by service : [chars]

Explanation LC upgrade handshake has failed for a 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-LC_SRV_TIMEOUT: LC upgrade handshake [chars] failed by service : [chars]

Explanation The LC upgrade handshake for a service has timed out.

Recommended Action Please contact the 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_SRV_TIMEOUT: LC upgrade handshake [chars] failed by service : [chars]

Explanation The LC upgrade handshake for a service has timed out.

Recommended Action Please contact the 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_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.

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.

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-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 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-MISSING_OPTIONAL_CAPABILITY: Incomplete support for the current running-config on standby supervisor.

Explanation 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-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-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-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.

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.

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-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_BUILD_UPG_TBL_FAILED: Failed to prepare upgrade version table during pre-upgrade

Explanation A required sequence in the preupgrade sequence has failed. The version table could not be built correctly

Recommended Action Please contact the 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_BUILD_UPG_TBL_FAILED: Failed to prepare upgrade version table during pre-upgrade

Explanation A required sequence in the preupgrade sequence has failed. The version table could not be built correctly

Recommended Action Please contact the 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_LOG_CREATION_FAILURE: Unable to create rtdbctrl log on /mnt/pss. The log was created at [chars].`

Explanation Rtdbctrl log was not created on /mnt/pss

Recommended Action Please contact the 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_LOG_CREATION_FAILURE: Unable to create rtdbctrl log on /mnt/pss. The log was created at [chars].`

Explanation Rtdbctrl log was not created on /mnt/pss

Recommended Action Please contact the 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_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_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-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-RTDBCTRL_SRV_RECV_FAILED: Failed to receive response from Service [chars]

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-RTDBCTRL_SRV_RECV_FAILED: Failed to receive response from Service [chars]

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-RTDBCTRL_SRV_SEND_FAILED: Failed to send upgrade request to Service [chars]

Explanation Failed to send upgrade request to a required 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-RTDBCTRL_SRV_SEND_FAILED: Failed to send upgrade request to Service [chars]

Explanation Failed to send upgrade request to a required 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-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-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_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.

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.

Error Message SYSMGR-3-SOFTRELOAD_ATTEMPTED_FAILURE: Attempted Soft-reload failed.

Explanation Attempted Soft-reload failed

Recommended Action No action is required.

Error Message SYSMGR-3-SOFTRELOAD_ATTEMPT_FAILED_INSTALL_IN_PRGS : Attempted Soft-reload failed. Install is in progress.

Explanation Attempted Soft-reload failed. Install is in progress

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_UNSTABLE_FTSET_OPERATION: Restarting standby since it is not in hot standby state while feature-set operation was in progress in vdc [dec].

Explanation Standby unstable during feature-set operation

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_UNSTABLE_FTSET_OPERATION: Restarting standby since it is not in hot standby state while feature-set operation was in progress in vdc [dec].

Explanation Standby unstable during feature-set operation

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_VDC_RESTART_FAILURE: vdc [dec] on standby failed to restart. error: [chars] ([hex])

Explanation A VDC on the standby supervisor failed to 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-STANDBY_VDC_RESTART_FAILURE: vdc [dec] on standby failed to restart. error: [chars] ([hex])

Explanation A VDC on the standby supervisor failed to 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-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-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-SYSMGR_SDB_ERR: [chars]: SDB [chars] failed [chars]([dec])

Explanation SDB failed

Recommended Action No action is required.

Error Message SYSMGR-3-SYSMGR_SDB_ERR: [chars]: SDB [chars] failed [chars]([dec])

Explanation SDB failed

Recommended Action No action is required.

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-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 could not handshake with the System Manager and it is 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-UNACCEPTABLE_WAIT: Service [chars], no response from System Manager after [dec] seconds. Terminating.

Explanation A spawned service could not handshake with the System Manager and it is 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-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.

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.

Error Message SYSMGR-3-VAR_SYSMGR_FULL: System Manager file storage usage is unexpectedly high at [dec]%. This may impact system functions.

Explanation System Manager storage space is almost full.

Recommended Action Please copy cores off the supervisor and run 'clear cores' to free some space

Error Message SYSMGR-3-VAR_SYSMGR_FULL: System Manager file storage usage is unexpectedly high at [dec]%. This may impact system functions.

Explanation System Manager storage space is almost full.

Recommended Action Please copy cores off the supervisor and run 'clear cores' to free some space

SYSMGR-4

Error Message SYSMGR-4-BASIC_TRACE_WARNING: [chars]: PID [dec] with message [chars].

Explanation Generic warning message. See message printout for further details.

Recommended Action No action is required.

Error Message SYSMGR-4-BASIC_TRACE_WARNING: [chars]: PID [dec] with message [chars].

Explanation Generic warning message. See message printout for further details.

Recommended Action No action is required.

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 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-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 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 service requested to abort it.

Recommended Action No action is required.

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 service 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-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_INVALID_CFGFILE: [chars]: unable to find [chars]: [chars] ([dec]).

Explanation This message is for Helpline 400-691-1766 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.

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 Helpline 400-691-1766 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_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-PARSEWARN_VALUE_TOO_SMALL: [chars]: [chars] is too small, replaced with [dec].

Explanation This message is for Helpline 400-691-1766 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_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-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-SRVSCOPE_DELAYED: Waiting for redundancy state; termination delayed for scope [chars].

Explanation This message is for Helpline 400-691-1766 debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_CORE_TRUNCATED: Core seems to be truncated on generation. [dec] / [dec] KB. PID: [dec]

Explanation Core file is likely truncated

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_CORE_TRUNCATED: Core seems to be truncated on generation. [dec] / [dec] KB. PID: [dec]

Explanation Core file is likely truncated

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PATCH_START_SERVICE: vdc [dec]: Service [chars] has re-started with pid [dec] as part of patch operation

Explanation Service started for patching

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PATCH_START_SERVICE: vdc [dec]: Service [chars] has re-started with pid [dec] as part of patch operation

Explanation Service started for patching

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PATCH_STOP_SERVICE: vdc [dec]: Service [chars] with pid [dec] has exited as part of patch operation

Explanation Service exited for patching

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PATCH_STOP_SERVICE: vdc [dec]: Service [chars] with pid [dec] has exited as part of patch operation

Explanation Service exited for patching

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PLUGIN_FAILURE: Received failure response [hex] from Plugin Manager

Explanation Failure response from plugin mgr

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PLUGIN_FAILURE: Received failure response [hex] from Plugin Manager

Explanation Failure response from plugin mgr

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_VDC_CORE_DELETION: Cores in VDC [dec] will be deleted as part of VDC deletion

Explanation Cores in the VDC will be deleted as part of VDC deletion

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_VDC_CORE_DELETION: Cores in VDC [dec] will be deleted as part of VDC deletion

Explanation Cores in the VDC will be deleted as part of VDC deletion

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.

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.

Error Message SYSMGR-5-CFGERASE_DONE: Configuration erase successful.

Explanation The requested configuration erase has completed successfully.

Recommended Action No action is required.

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-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-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_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-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_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.

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.

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-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 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-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 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-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-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 roll-back any changes.

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 roll-back any changes.

Recommended Action No action is required.

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-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: Non-disruptively 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_REBOOT: Non-disruptively 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-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-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_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_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.

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.

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-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_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_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-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-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.

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.

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_KILLED: [chars] (PID [dec]) hasn't caught signal [dec] [chars]

Explanation This message is for Helpline 400-691-1766 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-SUBPROC_TERMINATED: [chars] (PID [dec]) has finished with error code [chars] ([dec]).

Explanation This message is for Helpline 400-691-1766 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.

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-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_DONE: Handshake with service [chars] successfully performed.

Explanation This message is for Helpline 400-691-1766 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 Handshake verification has been done for a service

Recommended Action No action is required.

Error Message SYSMGR-6-HANDSHAKE_VERIFYING_DONE: Handshake verification done from service [chars].

Explanation Handshake verification has been done for a service

Recommended Action No action is required.

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-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 Rlimit of a service was set

Recommended Action No action is required.

Error Message SYSMGR-6-RLIMIT_INFO: rlimit of service [chars] ([dec]) = %llu

Explanation Rlimit of a service was set

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-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-SOFTRELOAD_ATTEMPTED_SUCCESSFUL: Successfully triggered Soft-reload

Explanation Successfully triggered Soft-reload

Recommended Action No action is required.

Error Message SYSMGR-6-SOFTRELOAD_ATTEMPT_TRIGGERED: Soft-reload is triggered

Explanation Soft-reload is triggered

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_COMPLETED: Completed execution for scope [chars].

Explanation This message is for Helpline 400-691-1766 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-SRVSCOPE_STARTED: Started execution for scope [chars].

Explanation This message is for Helpline 400-691-1766 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.

Error Message SYSMGR-6-SRVSTATE_CHANGED: State for service [chars] changed from [chars] to [chars] in vdc [dec].

Explanation This message is for Helpline 400-691-1766 debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRV_ENQUEUED_FOR_START: Conditional service [chars] started by sap [dec] has been enqueued for start.

Explanation A conditional service has been enqueued for start.

Recommended Action No action is required.

Error Message SYSMGR-6-SRV_ENQUEUED_FOR_START: Conditional service [chars] started by sap [dec] has been enqueued for start.

Explanation A conditional service has been enqueued for start.

Recommended Action No action is required.

Error Message SYSMGR-6-STATE_CHANGED: System Manager state changed from [chars] to [chars] for vdc [dec].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-STATE_CHANGED: System Manager state changed from [chars] to [chars] for vdc [dec].

Explanation

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 System Manager supervisor state change.

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 System Manager supervisor state change.

Recommended Action No action is required.

Error Message SYSMGR-6-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.

Error Message SYSMGR-6-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.

SYSMGR-7

Error Message SYSMGR-7-CFGWRITE_UNEXPECTEDRSP: Discarding unexpected response from service [chars].

Explanation An unexpected message was received from a service and was discarded.

Recommended Action No action is required.

Error Message SYSMGR-7-CFGWRITE_UNEXPECTEDRSP: Discarding unexpected response from service [chars].

Explanation An unexpected message was received from a service and was discarded.

Recommended Action No action is required.

Error Message SYSMGR-7-DUPLICATED_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.

Error Message SYSMGR-7-DUPLICATED_PFM_HANDSHAKE: PFM-handshake received from service [chars], but information already available.

Explanation This message is for Helpline 400-691-1766 debugging. This is not a problem or malfunction.

Recommended Action No action is required.

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-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-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_SRVSUCCEDED: Service [chars] recovered its state during non-disruptive upgrade.

Explanation A service recovered state during non-disruptive upgrade.

Recommended Action No action is required.

Error Message SYSMGR-7-ND_UPGD_RECOVERY_SRVSUCCEDED: Service [chars] recovered its state during non-disruptive upgrade.

Explanation A service recovered state during non-disruptive upgrade.

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-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-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-7-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-7-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-7-SUBPROC_SUCCESS_EXIT: [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).

Explanation This message is for Helpline 400-691-1766 debugging. This is not a problem or malfunction.

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-SWITCHOVER_SRVSUCCEEDED: Service [chars] completed its switchover actions.

Explanation This message is for Helpline 400-691-1766 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-UNEXPECTEDMSG: Opcode [dec] not expected at this time from service [chars] ([chars]).

Explanation This message is for Helpline 400-691-1766 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.

Error Message SYSMGR-7-UNKNOWNADDR: Opcode [dec] received from unknown source [chars]. Discarding.

Explanation This message is for Helpline 400-691-1766 debugging. This is not a problem or malfunction.

Recommended Action No action is required.

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-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-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.

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.

SYSTEM HEALTH LC Messages

This section contains the SYSTEM HEALTH LC messages.

SYSTEM HEALTH LC-2

Error Message SYSTEM HEALTH LC-2-OHMS_FIPS_FAILURE: FIPS compliance error during random number generation.

Explanation FIPS compliance error.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_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 SYSTEM HEALTH LC-2-OHMS_LC_CF_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.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_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 SYSTEM HEALTH LC-2-OHMS_LC_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

SYSTEM HEALTH LC-4

Error Message SYSTEM HEALTH LC-4-OHMS_BOOTFLASH_ERRORS: Bootflash test has encountered an error on module [dec] Reason:([chars]).

Explanation Compact flash test errors.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-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 SYSTEM HEALTH LC-4-OHMS_LC_BATTERY_ERRORS: Battery test on module [dec] has stopped due to internal errors.

Explanation Battery test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_BOOTFLASH_TEST_ERR: Bootflash test cannot proceed due to internal errors on module [dec].

Explanation Compact flash test has had too many internal errors.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CACHE_DISK_ERRORS: Cache disk test on module [dec] dpp [dec] has stopped due to internal errors.

Explanation Cache disk test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_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 SYSTEM HEALTH LC-4-OHMS_LC_CF_CRC_PROCESS_ERR: 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 cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_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 SYSTEM HEALTH LC-4-OHMS_LC_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 SYSTEM HEALTH LC-4-OHMS_LC_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 SYSTEM HEALTH LC-4-OHMS_LC_EOBC_ERRORS: EOBC test on module [dec] has stopped due to internal errors.

Explanation EOBC test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_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.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_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 SYSTEM HEALTH LC-4-OHMS_LC_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

SYSTEM HEALTH LC-6

Error Message SYSTEM HEALTH LC-6-OHMS_LC_STARTED: Online System Health started on LC.

Explanation Online System Health started on a line card.

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_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.

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.

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_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_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_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_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_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_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 [chars] 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

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_FAILED: Free Disk Space on partition [chars] is below [chars] 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

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_RUNNING: Free Disk Space on partition [chars] have increased and is above [chars] threshold for module [dec].

Explanation System Health Free Disk Space above threshold.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_RUNNING: Free Disk Space on partition [chars] have increased and is above [chars] threshold for module [dec].

Explanation System Health Free Disk Space above threshold.

Recommended Action No action is required.

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_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_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_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_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_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_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.

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.

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_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_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_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_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

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.

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.

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_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_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_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_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_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_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.

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.

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_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_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_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_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_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_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.

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.

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_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_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_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_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_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_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.

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.

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 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_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 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 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 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_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_RECALLED: Compact Flash on module [dec] was re-called.

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 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_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 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 re-fresh 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.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_TEST_FAILING: Compact flash firmware re-fresh 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.

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_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_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_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_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.

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.

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.

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_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_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_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_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_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_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.

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.

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_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_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.

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_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_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.

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.

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_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_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_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] have been cleared on module [dec].

Explanation System Health failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_FAILURE_CLEARED: Failing conditions for test [chars] have 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_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_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.

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.

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_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_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.

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.

TACACS-4

Error Message TACACS-4-TACACS_WARNING: [chars]

Explanation TACACS+ warning

Recommended Action No action is required.

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.

TBIRD_CMN_USD Messages

This section contains the TBIRD_CMN_USD messages.

TBIRD_CMN_USD-6

Error Message TBIRD_CMN_USD-6-TBIRD_CMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_FWD_USD Messages

This section contains the TBIRD_FWD_USD messages.

TBIRD_FWD_USD-6

Error Message TBIRD_FWD_USD-6-TBIRD_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_MAC_USD Messages

This section contains the TBIRD_MAC_USD messages.

TBIRD_MAC_USD-3

Error Message TBIRD_MAC_USD-3-FCMAC_ERR_MSG: [chars]

Explanation Error log message

Recommended Action No action is required.

TBIRD_MAC_USD-4

Error Message TBIRD_MAC_USD-4-SLOWPORT_WARNING: [chars]

Explanation Slowport detected

Recommended Action No action is required.

TBIRD_MAC_USD-6

Error Message TBIRD_MAC_USD-6-FCMAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_QUE_USD Messages

This section contains the TBIRD_QUE_USD messages.

TBIRD_QUE_USD-6

Error Message TBIRD_QUE_USD-6-TBIRD_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_XBAR_USD Messages

This section contains the TBIRD_XBAR_USD messages.

TBIRD_XBAR_USD-6

Error Message TBIRD_XBAR_USD-6-TBIRD_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TCAP Messages

This section contains the TCAP messages.

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.

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.

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 TLPOR-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.

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.

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-2

Error Message TUNNEL-2-FEATURE_ENABLE_FAILED: failed to enable feature tunnel, reason [chars] ([hex])

Explanation Failed to enable feature tunnel, reason [char]([int])

Recommended Action Check the failure reason and take appropriate action to fix the failure. If unable to fix, please capture show tech-support tunnel

Error Message TUNNEL-2-MAX_IF_REACHED: Maximum limit of [dec] tunnel interfaces is reached

Explanation Maximum limit of [int] tunnel interfaces is reached

Recommended Action No action is required.

Error Message TUNNEL-2-TM_UNSUPPORTED_VDC: Tunnel feature is not supported in [chars] VDC

Explanation Tunnel feature is not supported in [char] VDC

Recommended Action Disable the Tunnel feature by the CLI no feature tunnel

Error Message TUNNEL-2-UNSUPPORTED_TUNNEL_TYPE : Failed to create interface [chars] due to unsupported-tunnel type

Explanation Current tunnel type is not supported in this release

Recommended Action No action is required.

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

Error Message TUNNEL-3-IF_CREATE_FAILED: Interface [chars] creation failed due to [[hex]] [chars]

Explanation Interface [char] creation failed due to [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-3-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 programming failed

Error Message TUNNEL-3-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 failed. Tunnel interface will now use default mtu value

TUNNEL-4

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.

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 are cleared

Explanation Interface [char] counters are 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_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.

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.

TUSCANY_APP Messages

This section contains the TUSCANY_APP messages.

TUSCANY_APP-SLOT#-2

Error Message TUSCANY_APP-SLOT#-2-TUSCANY_APP_EXITED: Tuscany driver application exited (syserr = [dec], errno = [dec])

Explanation Tuscany driver application exited

Recommended Action No action is required.

U2RIB Messages

This section contains the U2RIB messages.

U2RIB-2

Error Message U2RIB-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation U2RIB encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message U2RIB-2-U2RIB_INIT: U2RIB initialization of [chars] [chars]

Explanation U2RIB 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.

U2RIB-3

Error Message U2RIB-3-U2RIB_FP_CFG_ERROR: Error in programming Fabricpath Configuration, error code = [hex], [chars]

Explanation Error in updating Fabricpath Configuration

Recommended Action No action is required.

Error Message U2RIB-3-U2RIB_LBL_SELECT_ERROR: Error in predicting the load-balance selection, error code = [hex], [chars]

Explanation Error in processing or communicating with hardware

Recommended Action No action is required.

Error Message U2RIB-3-U2RIB_LD_BLNCE_ERROR: Error in config. lb parameters using the DCE-FIB Library, error code = [hex], [chars]

Explanation Error while communicating with the dcefib library

Recommended Action No action is required.

Error Message U2RIB-3-U2RIB_NODE_CAP_ERROR: Error in updating node capability Configuration, error code = [hex], [chars]

Explanation Error in updating Node capability Configuration

Recommended Action No action is required.

U2RIB-5

Error Message U2RIB-5-U2RIB_DISABLED: U2RIB Disabled

Explanation U2RIB Service Disabled

Recommended Action No action is required.

Error Message U2RIB-5-U2RIB_ENABLED: U2RIB Enabled

Explanation U2RIB Service enabled

Recommended Action No action is required.

U2RIB-6

Error Message U2RIB-6-STATE_CREATED: Internal state created [chars]

Explanation U2RIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

UC_MGR CMMUC Messages

This section contains the UC_MGR CMMUC messages.

UC_MGR CMMUC-2

Error Message UC_MGR CMMUC-2-MISCBL_CLEAR_ERRDISABLE: Miscabling: Local port [chars] cleared.

Explanation Miscabling error cleared due to purge or local event on port [chars].

Recommended Action No action is required.

Error Message UC_MGR CMMUC-2-MISCBL_PLANERR: Miscabling: Port [chars] Error detected on cable plan check. Local: System [chars] Chassis [chars] Port [chars]. Neighbor: System [chars] Chassis [chars] Port [chars]

Explanation Violation of cable plan detected on port [chars]. The local port linked to peer device is error disabled. Local: SystemName [chars] ChassisID [chars] PortID [chars]. Neighbor: SystemName [chars] ChassisID [chars] PortID [chars].

Recommended Action Miscabling or topological errors should be corrected

Error Message UC_MGR CMMUC-2-MISCBL_TIERERR: Miscabling: Port [chars] Error detected on peer tier check. Local: Tier [dec] System [chars] Chassis [chars] Port [chars] Neighbor: Tier [dec] System [chars] Chassis [chars] Port [chars]

Explanation Miscabling tier error detected on port [chars]. Local: Tier [dec] SystemName [chars] ChassisID [chars] PortID [chars]. Neighbor: Tier [dec] SystemName [chars] ChassisID [chars] PortID [chars].

Recommended Action Fix the miscabling to the correct configuration.

UC_MGR CMMUC-3

Error Message UC_MGR CMMUC-3-MISCBL_PARSE_LOOPBACK: Remote and Local chassis are the same. Ignored the following cable-plan entry. Local: Chassis [chars] Port1 [chars] Port2 [chars].

Explanation Loopback found, ignoring entry. The same device is presented as both the remote and local chassis in this cable-plan. Local: ChassisID [chars] PortID [chars] PortID [chars].

Recommended Action Correct the entry.

Error Message UC_MGR CMMUC-3-PSSERROR: [chars]

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

Recommended Action SYSLOGDOC_CONTACT_TAC

UC_MGR CMMUC-5

Error Message UC_MGR CMMUC-5-CMM_DISABLED: CMM Disabled

Explanation CMM Service Disabled

Recommended Action No action is required.

Error Message UC_MGR CMMUC-5-CMM_ENABLED: CMM Enabled

Explanation CMM Service Enabled

Recommended Action No action is required.

Error Message UC_MGR CMMUC-5-MISCBL_ENTRY_NOTFOUND: Cable-Plan entry not found on physical device. Possible miscabling. Local: System [chars] Chassis [chars] Port [chars]. Neighbor: System [chars] Chassis [chars] Port [chars]

Explanation The cable-plan imported has an entry that is not found on physical device. This could indicate miscabling or an error in cable-plan. Local: SystemName [chars] ChassisID [chars] PortID [chars]. Neighbor: SystemName [chars] ChassisID [chars] PortID [chars].

Recommended Action Miscabling or topological errors should be corrected. Errors in cable-plan must also be fixed.

Error Message UC_MGR CMMUC-5-MISCBL_FQDN_UPDATE_WARNING: The fully qualified domain name for this switch has been changed to: [chars]. Cable-plans on adjacent devices are now likely out of sync. Updates to these cable-plans are Recommended.

Explanation Neighbors may have outdated cable-plan information due to a recent update on the local chassis. Updating cable-plans on adjacent remote devices is highly Recommended.

Recommended Action No action is required.

Error Message UC_MGR CMMUC-5-MISCBL_PARSE_DUPLICATE: Duplicate entries found. Ignored the following cable-plan entry. Local: Chassis [chars] Port [chars].

Explanation The cable-plan imported has duplicate entries for the given port This could indicate a typo in the cable-plan. This entry has been ignored. Local: ChassisID [chars] PortID [chars].

Recommended Action Remove the duplicate entry in the cable-plan file.

Error Message UC_MGR CMMUC-5-MISCBL_PARSE_ENTRY_UPDATED: The following entry has been updated with new information. The corresponding neighbor may now have outdated information. Local: Chassis [chars] Port [chars] Neighbor: Chassis [chars] Port [chars].

Explanation Neighbors may have outdated cable-plan information due to a recent update on the local chassis. Local: ChassisID [chars] PortID [chars]. Neighbor: ChassisID [chars] PortID [chars]

Recommended Action No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-2

Error Message UFDM-2-DNLD_TIMEOUT: Download timer expired: [chars]

Explanation UFDM download timer expired. Collect show tech-support forwarding I3 unicast for further analysis.

Recommended Action Collect outputs from 'show forwarding distribution trace' & 'show tech-support forwarding I3 unicast detail'

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 I3 unicast for further analysis.

Recommended Action Collect outputs from 'show forwarding distribution trace' & 'show tech-support forwarding I3 unicast detail module '

Error Message UFDM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support forwarding I3 unicast... command

Explanation UFDM hit a internal error. Collect show tech-support forwarding I3 unicast for further analysis.

Recommended Action Collect outputs from 'show forwarding distribution internal errors' & 'show tech-support forwarding I3 unicast detail'

Error Message UFDM-2-UFDM_V4ROUTE_UPDATE_HDR_ERR: Route update header: size [dec] rcount [dec] flags [hex] client [hex]

Explanation UFDM has received v4route update from URIB with inappropriate header

Recommended Action Execute 'show tech-support routing ipv4 unicast' to debug the issue further

Error Message UFDM-2-UFDM_V6ROUTE_UPDATE_HDR_ERR: Route update header: size [dec] rcount [dec] flags [hex] client [hex]

Explanation UFDM has received v6route update from U6RIB with inappropriate header

Recommended Action Execute 'show tech-support routing ipv6 unicast' to debug the issue further

UFDM-5

Error Message UFDM-5-LC_INSERT_TIMEDOUT: lc insert timer expired: [dec]

Explanation UFDM lc insert timer expired. Collect show tech-support forwarding I3 unicast for futher analysis.

Recommended Action No action is required.

USBHSD Messages

This section contains the USBHSD messages.

USBHSD-1

Error Message USBHSD-1-ABSENT_ALERT: [chars] not present, Please ensure logflash is inserted to save debug logs

Explanation Flash not inserted or pulled out

Recommended Action Make sure logflash is present for saving important debug logs

Error Message USBHSD-1-MANUAL_FORMAT: logflash needs to be formatted

Explanation Logflash is not accessible; use format logflash: to format it

Recommended Action No action is required.

USBHSD-2

Error Message USBHSD-2-AUTO_FORMAT: logflash auto-format [chars]

Explanation Logflash auto-format event

Recommended Action No action is required.

Error Message USBHSD-2-DISK_BUSY_FAILED: Cannot umount [chars],

Explanation The specified disk interface is in use it can not be un mounted, The user may experience file system corruption

Recommended Action Make sure slot0 is not being used either by mounting or by any command and re-insert the disk again

Error Message USBHSD-2-DISK_FSCK_FAIL: file system check returned error on slot [dec]

Explanation Flash filesystem may be corrupted, the flash was taken while it was being accessed

Recommended Action Reformat the external flash

Error Message USBHSD-2-DISK_MOUNT_FAIL: disk mount unsuccessful on [chars]

Explanation Unknown flash filesystem or not cleanly un mounted

Recommended Action Use vfat flash only and make sure external slot is not being accessed then re-insert flash

Error Message USBHSD-2-DISK_RESCAN_FAIL: disk rescan unsuccessful on [chars]

Explanation Flash filesystem was not cleanly un mounted

Recommended Action Make sure external slot is not being accessed and re-insert the flash

Error Message USBHSD-2-DISK_UMOUNT_FAIL: disk umount unsuccessful for [chars]

Explanation Flash filesystem is busy the system could not un-mount it

Recommended Action Make sure external slot is not being accessed and re-insert the flash

Error Message USBHSD-2-FORK: fork failed ([chars] process)

Explanation The flash daemon failed to fork

Recommended Action No action is required.

Error Message USBHSD-2-INTERNAL_ERROR: Internal Error [dec]

Explanation The flash daemon interface returns error

Recommended Action Restart the idehsd daemon

Error Message USBHSD-2-MOUNT: [chars] online

Explanation Flash daemon mounting slot

Recommended Action No action is required.

Error Message USBHSD-2-UMOUNT: [chars] offline

Explanation Flash daemon un mounting slot

Recommended Action No action is required.

Error Message USBHSD-2-USB_SWAP: USB insertion or removal detected

Explanation USB swap event

Recommended Action No action is required.

USBHSD-3

Error Message USBHSD-3-DEVICEOPEN_FAILED: device open failed. Component [chars]

Explanation The flash daemon device open failed The failure is due to the sub-component [chars]

Recommended Action No action is required.

USBHSD-5

Error Message USBHSD-5-DISK_SWAP: [chars] [chars]

Explanation Compact flash swap event

Recommended Action No action is required.

USBHSD-6

Error Message USBHSD-6-DISK_BUSY: trying to un mount disk [chars]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message USBHSD-6-DISK_EVENT: slot [dec] [chars]

Explanation Flash daemon found a disk hotswap handler event

Recommended Action No action is required.

Error Message USBHSD-6-IOCTL: ioctl: [chars] returns [dec]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message USBHSD-6-STARTING: daemon started

Explanation The compact flash swap daemon successfully started

Recommended Action No action is required.

Error Message USBHSD-6-USBHSD_INFO: [chars]

Explanation Flash daemon informational message

Recommended Action No action is required.

USBHSD-7

Error Message USBHSD-7-USBHSD_TRACE: [chars] () [chars]:[dec] disk=[dec]

Explanation Flash daemon debug message to trace code path

Recommended Action No action is required.

USDBA Messages

This section contains the USDBA messages.

USDBA-2

Error Message USDBA-2-USDBA_CRC_ERR: [chars]

Explanation USDBA received packet(s) with CRC error

Recommended Action No action is required.

Error Message USDBA-2-USDBA_CRC_ERR: [chars]

Explanation USDBA received packet(s) with CRC error

Recommended Action No action is required.

USDBA-6

Error Message USDBA-6-USDBA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message USDBA-6-USDBA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VAJRA_USD Messages

This section contains the VAJRA_USD messages.

VAJRA_USD-6

Error Message VAJRA_USD-6-VAJRA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VAL_USD Messages

This section contains the VAL_USD messages.

VAL_USD-6

Error Message VAL_USD-6-VAL_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

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's

Error Message VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdc's is about to expire!
VDC's 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_MODULETYPE_FAIL: vdc_mgr: module-type change failed by sap [dec] in vdc [dec] with error [chars]

Explanation The module-type change config has been rejected by a process

Recommended Action No action is required.

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.

Error Message VDC_MGR-2-VDC_UNALLOCATED: Module [dec] is unsupported by the current vdc and some of its ports have been placed in the unallocated pool.

Explanation The module is of a type unsupported by the current vdc. You can see port membership by `\show vdc membership\` and check the current vdc's configuration via `\show vdc\`

Recommended Action Allocate interfaces to a vdc that supports this module type or change the current vdc to support this module type via the `\limit-resource module-type\` command

Error Message VDC_MGR-2-VDC_UNGRACEFUL: vdc_mgr: Ungraceful cleanup request received for vdc [dec], restart count for this vdc is [dec] within the last 5 minutes

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-VDC_ERROR: vdc_mgr: [chars]

Explanation Vdc_mgr has received bad data but will try to continue

Recommended Action Vdc_mgr will attempt to correct the error at hand

VDC_MGR-4

Error Message VDC_MGR-4-VDC_INTERFACE_REPROG_DONE: Interfaces reprogramming for VDC [chars] is complete

Explanation VDC interface reprogramming done.

Recommended Action No action is required.

VDC_MGR-5

Error Message VDC_MGR-5-VDC_ADMIN_VDC_CHANGE: vdc_mgr: Admin-vdc mode has been [chars]

Explanation The admin-vdc mode has been changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_DELETED: vdc_mgr: vdc [dec] has been deleted

Explanation The vdc with id listed no longer exists

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FCOE_VLAN_ADD: vdc_mgr: vlans [chars] has been shared to this vdc

Explanation Vlans have been shared to this fcoe vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FCOE_VLAN_DELETE: vdc_mgr: vlans [chars] has been unshared from this vdc

Explanation Vlans have been unshared from this fcoe vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FEATURESET_ALLOW: vdc_mgr: Feature-set [chars] can now be used in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FEATURESET_DISALLOW: vdc_mgr: Feature-set [chars] is now disallowed in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_HOSTNAME_CHANGE: vdc [dec] hostname/mgmt IP changed, vdc name [chars]

Explanation Host name or mgmt IP for a vdc has changed.

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MEMBERSHIP_ADD: vdc_mgr: Interface [chars] has been added to this vdc

Explanation A new interface has been added to this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MEMBERSHIP_DELETE: vdc_mgr: Interface [chars] has been removed from this vdc

Explanation A new interface has been removed from this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MODULETYPE: vdc_mgr: Module type changed to [chars]

Explanation This vdc has been changed to support only the the type of modules listed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_SH_MEMBERSHIP_ADD: vdc_mgr: Interface [chars] has been shared to this vdc

Explanation A new interface has been shared to this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_SH_MEMBERSHIP_DELETE: vdc_mgr: Interface [chars] has been unshared from this vdc

Explanation A new interface has been unshared from this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-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.

Error Message VDC_MGR-5-VDC_SWMODULETYPE: vdc_mgr: System Module type changed to [chars]

Explanation This switch has been changed to support only the the type of modules listed

Recommended Action No action is required.

VEC Messages

This section contains the VEC messages.

VEC-SLOT#-3

Error Message VEC-SLOT#-3-LOG_DPP_EXCEPTION: DPP Exception DPP [dec]

Explanation

Recommended Action No action is required.

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

Recommended Action No action is required.

VEC-SLOT#-5

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DISK: DPP#[dec] VSAN[[dec]] FCID: [hex] LUN: %016Lx SCSI STATUS([hex]) [chars] SENSE_KEY([hex]) [chars] ASC([hex]) ASCQ([hex]) [chars]

Explanation

Recommended Action No action is required.

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.

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.

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.

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.

Error Message VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yield the cpu for [dec] seconds

Explanation The VEC process work threshold was exceeded which should not have occurred. Recovery will be performed 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.

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.

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 preformed 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 preformed if appropriate.

Recommended Action No action is required.

VFC Messages

This section contains the VFC messages.

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.

VIPER_CMN_USD Messages

This section contains the VIPER_CMN_USD messages.

VIPER_CMN_USD-6

Error Message VIPER_CMN_USD-6-VIPCMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_ICB_USD Messages

This section contains the VIPER_ICB_USD messages.

VIPER_ICB_USD-2

Error Message VIPER_ICB_USD-2-VIP_ICB_TEST: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_ICB_USD-6

Error Message VIPER_ICB_USD-6-VIP_ICB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_MAC_USD Messages

This section contains the VIPER_MAC_USD messages.

VIPER_MAC_USD-4

Error Message VIPER_MAC_USD-4-SLOWPORT_WARNING: [chars]

Explanation Slowport detected

Recommended Action No action is required.

VIPER_MAC_USD-6

Error Message VIPER_MAC_USD-6-VIPER_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_XBAR_USD Messages

This section contains the VIPER_XBAR_USD messages.

VIPER_XBAR_USD-6

Error Message VIPER_XBAR_USD-6-VIPER_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIP_FWD Messages

This section contains the VIP_FWD messages.

VIP_FWD-6

Error Message VIP_FWD-6-VIP_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIP_ILK Messages

This section contains the VIP_ILK messages.

VIP_ILK-6

Error Message VIP_ILK-6-VIP_ILK_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VLAN_MGR Messages

This section contains the VLAN_MGR messages.

VLAN_MGR-2

Error Message VLAN_MGR-2-BD_MGR_PARSE_LSDB_ISSUE: [chars]

Explanation VLAN Manager unable to parse lsdb Message

Recommended Action No action is required.

Error Message VLAN_MGR-2-BD_SW_BD_VAL_IF_INDEX_ISSUE: [chars]

Explanation VLAN Manager if_index in sw_bd_val issue Message

Recommended Action No action is required.

Error Message VLAN_MGR-2-CFS_PACKET_SEND_FAILED: [chars]

Explanation VLAN Manager cfs packet send failed Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-FABRIC_DYNAMIC_CORE_VLAN_RANGE_REMOVED: Fabric dynamic and core VLAN ranges removed. Please delete VLANs [chars] in the ranges

Explanation VLAN Manager Core VLAN Range Removal Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-IF_INDEX_BRING_DOWN_FAILED: [chars]

Explanation VLAN Manager if_index bring down failure Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-INVALID_MTS_PAYLOAD : [chars]

Explanation VLAN Manager invalid mts payload Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-NETWORK_EVENT_DETECTED: [chars]

Explanation VLAN Manager network event Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_ASSIGN_BD_FAILED : [chars]

Explanation VLAN Assign BD Failed

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_CONFIGURATION_FAILED: [chars]

Explanation VLAN Manager configuration failed Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_CREATE_FAILED: [chars]

Explanation VLAN Manager vlan create failed Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info ; show vlan

Error Message VLAN_MGR-2-VLAN_DB_FAIL: [chars]

Explanation VLAN Manager update db failure

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_DELETE_FAILED_RSN_BD_EXIST: VTP request to delete VLAN(s) [chars] could not be processed. Bridge Domains exist for VLANs [chars]

Explanation VLAN delete failed since Bridge Domains Exist

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_DELETE_FAILED: [chars]

Explanation VLAN Manager vlan delete failed Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info ; show vlan

Error Message VLAN_MGR-2-VLAN_ELTM_HANDSHAKE_FAIL: [chars]

Explanation VLAN Manager update load balancing handshake failure

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_INCORRECT_IF_INDEX: [chars]

Explanation VLAN Manager incorrect if_index Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_INVALID_BD_ID : [chars]

Explanation VLAN Manager invalid bd id Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_PSS_FAIL: [chars]

Explanation VLAN Manager update pss failure

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_SDB_FAIL: [chars]

Explanation VLAN Manager update sdb failure

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_SDB_OPEN_FAIL_CRITICAL_ERR : [chars]

Explanation VLAN Manager sdb open failed Message

Recommended Action No action is required.

Error Message VLAN_MGR-2-VLAN_SDB_UPDATE_FAILED: [chars]

Explanation VLAN Manager sdb update Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_SEQUENCE_FAILED: [chars]

Explanation VLAN Manager vlan sequence failed Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_SEQUENCE_TIMEOUT: [chars]

Explanation VLAN Manager vlan sequence timeout Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-2-VLAN_UNAVAILABLE_BD: [chars]

Explanation VLAN Manager No BDs available for auto config on vdc

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info ; debug vlan all ; !trigger ; undebg all

Error Message VLAN_MGR-2-VNI_BD_INCONSISTENCY: [chars]

Explanation VLAN Manager VNI-BD inconsistency Message

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

VLAN_MGR-3

Error Message VLAN_MGR-3-BD_PARSE_SW_BD_VAL_ERR : [chars]

Explanation VLAN manager parse sw_bd_val error

Recommended Action No action is required.

Error Message VLAN_MGR-3-BD_SW_BD_VAL_IF_INDEX_ERR : [chars]

Explanation VLAN manager if_index in sw_bd_val error

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-3-VLAN_DEL_REQ_RSP_ERR : [chars]

Explanation VLAN manager vlan delete request response error

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-3-VLAN_INVALID_ARGUMENT : [chars]

Explanation VLAN manager invalid argument error

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-3-VLAN_INVALID_VDC_ID : [chars]

Explanation VLAN manager invalid vdc id error

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-3-VLAN_INVALID_VLAN_ID : [chars]

Explanation VLAN manager invalid vdc id error

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-3-VLAN_MALLOC_FAIL_ERR : [chars]

Explanation VLAN manager malloc failed error

Recommended Action No action is required.

TAC Details show vlan internal mem-stats details

Error Message VLAN_MGR-3-VLAN_PRI_SEC_VLAN_NULL : [chars]

Explanation VLAN manager associate pri-sec VLANs pointer is null error

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-3-VLAN_PSS_HANDLE_ERR : [chars]

Explanation VLAN manager pss handle error

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-3-VLAN_SDB_READ_FAIL_ERR: [chars]

Explanation VLAN manager sdb read error

Recommended Action No action is required.

Error Message VLAN_MGR-3-VLAN_UNABLE_TO_CLOSE_BD_SDB : [chars]

Explanation VLAN manager unable to close bd sdb error

Recommended Action No action is required.

VLAN_MGR-4

Error Message VLAN_MGR-4-SW_BD_NOT_AVAILABLE : [chars]

Explanation VLAN manager sw_bd not available warning

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-4-VLAN_SDB_OPEN_WARN : [chars]

Explanation VLAN manager sdb open warning

Recommended Action No action is required.

TAC Details show vlan internal errors

VLAN_MGR-5

Error Message VLAN_MGR-5-ADDING_VLAN_TRANSLATION_MAPPING : [chars]

Explanation VLAN Manager adding vlan translation mapping notif

Recommended Action No action is required.

Error Message VLAN_MGR-5-DELETING_VLAN_TRANSLATION_MAPPING : [chars]

Explanation VLAN Manager deleting vlan translation mapping notif

Recommended Action No action is required.

Error Message VLAN_MGR-5-DISABLING_VLAN_TRANSLATION: [chars]

Explanation VLAN Manager disabling vlan translation notif

Recommended Action No action is required.

Error Message VLAN_MGR-5-ENABLING_VLAN_TRANSLATION: [chars]

Explanation VLAN Manager enabling vlan translation notif

Recommended Action No action is required.

Error Message VLAN_MGR-5-FUTURE_RESERVED_NATIVE_VLAN_CHANGED: New Reserved Tag-Native VLAN set to default

Explanation VLAN Manager Reserved Tag-Native VLAN Reconfiguration Message

Recommended Action No action is required.

Error Message VLAN_MGR-5-RESERVED_VLAN_RANGE_CHANGED: New Reserved VLAN Range Configured From VLAN [dec] to VLAN [dec]

Explanation VLAN Manager Reserved VLAN Reconfiguration Message

Recommended Action No action is required.

Error Message VLAN_MGR-5-VLAN_CREATED_NOTIF : [chars]

Explanation VLAN Manager vlan created notif

Recommended Action No action is required.

Error Message VLAN_MGR-5-VLAN_DELETED_NOTIF : [chars]

Explanation VLAN Manager vlan deleted notif

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-5-VLAN_STATE_CHANGE_NOTIF : [chars]

Explanation VLAN Manager vlan state change notif

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

VLAN_MGR-6

Error Message VLAN_MGR-6-INFO_MSG: [chars]

Explanation VLAN manager info

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_BD_RESOURCE_ALLOCATION_FAIL_INFO : [chars]

Explanation VLAN manager vlan resource allocation failed info

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

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_DEASSOCIATION_INFO : [chars]

Explanation VLAN manager vlan de-association info

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-6-VLAN_FEATURE_ENABLE_DIABLE_INFO : [chars]

Explanation VLAN manager vlan feature enable/disable info

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal info

Error Message VLAN_MGR-6-VLAN_INVALID_ARGUMENT_INFO : [chars]

Explanation VLAN manager invalid argument info

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-6-VLAN_INVALID_VDC_ID_INFO : [chars]

Explanation VLAN manager invalid vdc id info

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-6-VLAN_INVALID_VLAN_ID_INFO : [chars]

Explanation VLAN manager invalid vlan id info

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-6-VLAN_KEY_TO_TLV_FAILED : [chars]

Explanation VLAN manager vlan key to tlv failed info

Recommended Action No action is required.

TAC Details show vlan internal errors

Error Message VLAN_MGR-6-VLAN_MALLOC_FAIL_INFO : [chars]

Explanation VLAN manager malloc failed info

Recommended Action No action is required.

TAC Details show vlan internal errors ; show vlan internal mem-stats details

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_MTS_RECV_FAIL_INFO : [chars]

Explanation VLAN manager mts rcv failed info

Recommended Action No action is required.

TAC Details show vlan internal errors ; show system internal mts buffers details

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.

Error Message VLAN_MGR-6-VLAN_SDB_OPEN_FAIL_INFO : [chars]

Explanation VLAN manager sdb open failure info

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_SDB_READ_FAIL_INFO : [chars]

Explanation VLAN manager sdb read failure info

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_SDB_READ_INFO : [chars]

Explanation VLAN manager sdb read info

Recommended Action No action is required.

VMIS Messages

This section contains the VMIS messages.

VMIS-2

Error Message VMIS-2-INIT_FAILURE: : [chars]

Explanation Vmis initialisation has failed due to [chars].

Recommended Action No action is required.

Error Message VMIS-2-VMIS_CONFIG: VMIS Range has changed for vsan [dec]

Explanation VMIS Range has changed for vsan [dec]. Please flap the links for the new range to take effect

Recommended Action Flaps the links to which hosts are connected so that the new range takes effect

Error Message VMIS-2-VMIS_DB_SYNC_ERR: VMIS DB sync error for vsan: [dec] domain: [hex] command: [chars]

Explanation VMIS domain db sync has resulted in error for vsan [dec] domain [hex] and command [chars]

Recommended Action Please run vmis refresh command to recover the db for the given domain

VMIS-3

Error Message VMIS-3-MALLOC_FAILURE: : [chars]

Explanation Malloc failed: [chars].

Recommended Action No action is required.

VMIS-5

Error Message VMIS-5-VMIS_DISABLED: VMIS Disabled

Explanation VMIS Service Disabled

Recommended Action No action is required.

Error Message VMIS-5-VMIS_ENABLED: VMIS Enabled

Explanation VMIS Service enabled

Recommended Action No action is required.

VMM Messages

This section contains the VMM messages.

VMM-2

Error Message VMM-2-VMM_DBG_SEQDELAY_LOG: VDC[dec]: Sending [chars] mts([chars]) request to service [dec] for slot [dec].

Explanation VMM sent request for the sap mentioned

Recommended Action Collect logs using show system internal vmm msgs and show system internal vmm all
fex

Error Message VMM-2-VMM_SERVICE_ERR: VDC[dec]: Service SAP [chars] for slot [chars] returned error [hex] ([chars]) in [chars] sequence

Explanation Service returned error in the specified sequence

Recommended Action Collect logs using show system internal vmm all and show system internal vmm all fe

Error Message VMM-2-VMM_TIMEOUT: VDC[dec]: Service SAP [chars] for slot [chars] timed out in [chars] sequence

Explanation Service did not respond in the specified sequence

Recommended Action Collect logs using show system internal vmm all and show system internal vmm all fe

VMTRACKER Messages

This section contains the VMTRACKER messages.

VMTRACKER-2

Error Message VMTRACKER-2-VMTRACKER_CONNECTION_ISSUE: Problem with connection: [chars]

Explanation Connection problem

Recommended Action Problem with connection. Try no connect; connect

Error Message VMTRACKER-2-VMTRACKER_HMM_REGISTRATION_FAIL: [chars]

Explanation HMM Registration error

Recommended Action No action is required.

VMTRACKER-3

Error Message VMTRACKER-3-VMTRACKER_SOAP_ERR: Soap Err:[chars]

Explanation Soap Call failure message

Recommended Action If Problem persists, check vCenter running status

VMTRACKER-4

Error Message VMTRACKER-4-VMTRACKER_HMM_TRIGGER_FAIL: auto-config trigger failure, vlan [dec] [chars]

Explanation HMM Request error

Recommended Action Check fabric forwarding event-history log message for possible error cause.

Error Message VMTRACKER-4-VMTRACKER_SOAP_WARN: Soap Warn:[chars]

Explanation Soap Call warning message

Recommended Action If Problem persists, check vCenter running status

VMTRACKER-5

Error Message VMTRACKER-5-VMTRACKER_CONFIG_VLAN: [chars]

Explanation Vlan configuration message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_CREATE_VLAN: Vlan Created: [chars]

Explanation Vlan addition message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_DISABLED: Service Disabled

Explanation Service Disabled

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_ENABLED: Service Enabled

Explanation Service enabled

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_MESSAGE: [chars]

Explanation Generic message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_REMOVE_VLAN: Vlan Removed: [chars]

Explanation Vlan deletion message

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.

VNI-3

Error Message VNI-3-INIT_FAILED: Initialization failed due to failure in 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.

VNTAGC Messages

This section contains the VNTAGC messages.

VNTAGC-5

Error Message VNTAGC-5-VNTAGC_GENERIC_SYSLOG: [chars]

Explanation VNTag Manager Client Generic Syslog

Recommended Action No action is required.

VPC_CONFIG_SYNC Messages

This section contains the VPC_CONFIG_SYNC messages.

VPC_CONFIG_SYNC-2

Error Message VPC_CONFIG_SYNC-2-PEER_OUT_OF_SYNC: Peer switch are out of sync. Use show vpc config-sync merge status for merge failure reason. Resolve the merge conflict manually and trigger merge again using vpc config-sync re-merge

Explanation Peer switch are out of sync. Use show vpc config-sync merge status for merge failure reason. Resolve the merge conflict manually and trigger merge again using vpc config-sync re-merge

Recommended Action No action is required.

VPC_CONFIG_SYNC-3

Error Message VPC_CONFIG_SYNC-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.

VPC_CONFIG_SYNC-6

Error Message VPC_CONFIG_SYNC-6-CONFIG_SYNC_ENABLED_VIA_SCRIPT: Config sync gets enabled via script/ascii-file. Merge will trigger after 5 minutes approximately.

Explanation Config sync gets enabled via script/ascii-file. Merge will trigger after 5 minutes approximately.

Recommended Action No action is required.

Error Message VPC_CONFIG_SYNC-6-CONFIG_SYNC_ENABLED: Config sync enabled

Explanation Config sync enabled

Recommended Action No action is required.

Error Message VPC_CONFIG_SYNC-6-MERGE_IN_PROGRESS: Configuration merge with peer switch is triggered. It may take upto 30 minutes.

Explanation Configuration merge with peer switch is triggered.

Recommended Action No action is required.

Error Message VPC_CONFIG_SYNC-6-PEER_IN_SYNC: Peer switch in sync. Config will be synced hereafter.

Explanation Peer switch in sync. Config will be synced hereafter.

Recommended Action No action is required.

VPC Messages

This section contains the VPC messages.

VPC-2

Error Message VPC-2-ENTER_SELF_ISOLATION: [chars] switch goes into self isolation state due to [chars]. Please [chars] and do shut/no shut on peer-link to exit self-isolation state

Explanation Local/Remote switch enters self isolation state

Recommended Action No action is required.

Error Message VPC-2-EXIT_SELF_ISOLATION: [chars] switch exits self isolation state

Explanation Local/Remote switch exits self isolation state

Recommended Action No action is required.

Error Message VPC-2-L3_VPC_UNEQUAL_WEIGHT: Unequal weight routing is not supported in L3 over vPC. Please make sure both vPC peers have equal link cost configuration.

Explanation Unequal weight routing is not supported when layer3 peer-router is enabled

Recommended Action Collect 'show tech-support vpc' from both peers

Error Message VPC-2-PCINFO_MISMATCH: PCINFO mismatching on if_index [hex]

Explanation PCINFO mismatching

Recommended Action Collect 'show tech-support vpc' from both peers.

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 Collect 'show tech-support vpc' from both peers.

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 Collect 'show tech-support vpc' from both peers.

Error Message VPC-2-PEER_VPC_RESP_TIMEDOUT: Failed to receive response from peer for vPC: [dec]

Explanation VPC bringup failed

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-PHY_PORT_VPC_CFG_WARNING: phy-port vPC: [dec] is not suggested to be configured with M-series peer-link

Explanation Peer-link on M-series LC is not supported for phy-port vPC

Recommended Action Configure peer-link on correct line card for phy-port vPC

Error Message VPC-2-RECV_ES_CONFLICT: Received conflict for ES: [dec] with system-id: [chars]

Explanation Received conflict for ES. Bring down all vpcs.

Recommended Action Collect 'show tech-support vpc' on both peers

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

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 Collect 'show tech-support vpc' from both peers.

Error Message VPC-2-VPC_ADD_L3_BKUP_BD_TO_PEER_GW_EXCLUDE_LIST: Exclude L3 backup routing bridge-domain from vpc peer-gateway config.

Explanation Triggered when peer-link is F1 and peer-gateway is configured without exclude-bridge-domain list.

Recommended Action Collect 'show tech-support vpc' from both peers

Error Message VPC-2-VPC_ADD_L3_BKUP_VLAN_TO_PEER_GW_EXCLUDE_LIST: Exclude L3 backup routing VLAN from vpc peer-gateway config.

Explanation Triggered when peer-link is F1 and peer-gateway is configured without exclude-vlan / exclude-bridge-domain list.

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-2-VPC_BDI_EXCLUDE: vPC [dec] has up bridge-domain [chars] which are excluded from suspension on dual-active

Explanation VPC track object BDI deconfigured

Recommended Action Collect 'show tech-support vpc' from both peers

Error Message VPC-2-VPC_CONSISTENCY_NEW_VLAN_FAIL: Global Consistency check for vPC failed for new vlans

Explanation Global Consistency check for vPC failed for new vlans / bridge-domains

Recommended Action Please configure new vlans to make them consistent.

Error Message VPC-2-VPC_CORE_PORT_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] in Fabric Path Port Mode - vPC+ Fabric Path switch ID not configured

Explanation VPC+ Failed to bringup peer-link - switch-ID not configured

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-2-VPC_ES_FAILED_LID_ALLOC: Failed to negotiate common LID between vPC peers.

Explanation Failed to find common lid.

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_ES_FAILED_PEERLINK_DOWN: Peer-link bringup event sequence failed. Bringing down peer-link.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_ES_PEER_LINK_OPERATION_FAILED: Peer-link operation failed due to SAP [dec].

Explanation Triggered in mcecm_cfg_es_failed when peer-link bringup fails.

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_ISSU_END: Peer vPC switch ISSU end, unlocking configuration

Explanation Peer vPC switch issu end

Recommended Action ISSU finished. Please apply configuration if any.

Error Message VPC-2-VPC_ISSU_START: Peer vPC switch ISSU start, locking configuration

Explanation Peer vPC switch issu start

Recommended Action Please wait until ISSU finished.

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 Run 'show vdc membership status' for port status, and collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_NON_DEF_LID: vPC+ negotiated non-default local id. Flapping orphan edge ports Recommended.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action Flapping orphan edge ports Recommended.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_PEER_LINK_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] - port [chars] is not configured as a Fabric Path port

Explanation VPC+ Failed to bringup Peer-link - not in Fabric Path mode

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-2-VPC_PER_VLAN_CONSISTENCY_FAILED: Global consistency check for vPC failed for few vlans

Explanation Global Consistency check for vPC failed for few vlans / bridge-domains

Recommended Action Please make the configurations of vlans on both peers consistent.

Error Message VPC-2-VPC_PSS_ERROR: [chars], 0x([hex]) present in VPC DB but not is IM DB

Explanation Triggered when vpc DB and IM SDB are inconsistent

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-2-VPC_RC_CLEANUP_FAILURE_NEED_REINIT_MCT: vPC role change cleanup has encountered a failure. Please reinit peer-link to recover. Error: [chars]

Explanation VPC RC failure, need to reinit peer-link

Recommended Action Please reinit peer-link

Error Message VPC-2-VPC_RC_FAILURE_NEED_REINIT_MCT: vPC role change has encountered a failure, can not clean up. Please reinit peer-link to recover. Error: [chars]

Explanation VPC RC failure, need to reinit peer-link

Recommended Action Please reinit peer-link

Error Message VPC-2-VPC_RC_INIT_FAILURE_MCT_CMPT_FAIL: Can't perform role change since there are type-1 check failures on peer-link at peer side.

Explanation VPC RC failure, due to cmpt failed on peer-link at peer side

Recommended Action Collect 'show tech-support vpc' from both peers

Error Message VPC-2-VPC_RC_INIT_FAILURE_PEER_CMPT_FAIL: Can't perform role change since there are vpc legs with type-1 check failure at peer side.

Explanation VPC RC failure, due to cmpt failed vpcs at peer side

Recommended Action Collect 'show tech-support vpc' from both peers

Error Message VPC-2-VPC_RC_INIT_FAILURE_UNFINISHED_RC: Can't perform role change since there is another unfinished role change request on either local or peer side. Please wait until it is finished.

Explanation VPC RC failure, due to an unfinished RC

Recommended Action Please wait the unfinished RC to finish.

Error Message VPC-2-VPC_SDB_UPD_FAIL: Failed to update shared database. De-config and config vPC [dec] to be consistent.

Explanation SDB update failed while updating

Recommended Action De-config and config the corresponding vPC to be consistent.

Error Message VPC-2-VPC_SHUTDOWN: vPC shutdown status is [chars]

Explanation VPC shutdown status change

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 Collect 'show tech-support vpc' from both peers.

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 Check the global configuration to make both peers consistent. Collect 'show tech-support vpc' from both peers.

Error Message VPC-3-INTF_CONSISTENCY_FAILED: In domain [dec], VPC [dec] configuration is not TYPE-1 consistent ([chars])

Explanation MCEC compat-check failed

Recommended Action Check the vpc configuration to make the TYPE-1 parameters consistent. Collect 'show tech-support vpc' from both peers.

Error Message VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

Explanation Peer unreachable

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-3-PEER_VPC_BRINGUP_FAILED: Peer vPC [dec] bringup failed([chars])

Explanation Peer vPC bringup failed

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VDC_MISMATCH: VDC type mismatch on the vpc peer

Explanation VDC type mismatch on the vpc peer

Recommended Action Check the VDC type on both peers. Collect 'show tech-support vpc' from both peers.

Error Message VPC-3-VPCM_ASSERTION_FAILED: [chars]

Explanation VPC has hit an assert condition at file [chars]

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPCM_INIT_FAIL: vPC Manager Initialization Failed([chars])

Explanation VPC Initialization failed. due to [chars]

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPCM_INTERNAL_ERR: [chars]

Explanation VPCM encountered an internal error due to [chars]

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPCM_MTS_ERR: [chars]

Explanation VPC encountered an MTS error due to [chars]

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPC_BRINGUP_FAILED: vPC [dec] bringup failed([chars])

Explanation VPC bringup failed

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPC_PEER_LINK_BRINGUP_FAILED: vPC peer-link bringup failed([chars])

Explanation VPC Peer-link bringup failed

Recommended Action Collect 'show tech-support vpc' from both peers.

Required Info vPC tech supports from both peers.

TAC Details The collected information is used for internal diagnosis. Please contact Dev and attach all the needed information.

Error Message VPC-3-VPC_PEER_LINK_DOWN: VPC Peer-link is down

Explanation VPC Peer link is down

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-3-VPC_RC_FAILURE_NO_NEED_REINIT_MCT: vPC role change has encountered a failure, will clean up, error: [chars]

Explanation VPC RC failure, no need to reinit peer-link

Recommended Action Please wait. No need to reinit peer-link

VPC-4

Error Message VPC-4-FTAG_UPD_PORT_DWN: Warning: receive FTAG update while port is going down

Explanation Receive FTAG update while port is going down

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-4-OOB_DWN_BUT_WAS_ALIVE: Warning: Bring up peer-link when peer keep-alive is down

Explanation Try to bring up MCT when OOB fails.

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-4-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-4-PEER_VPC_DELETED: Peer vPC [dec] deleted

Explanation Peer vPC configuration deleted

Recommended Action Collect 'show tech-support vpc' from both peers.

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_DISABLE_IP_REDIRECTS: peer-gateway enabled. Disabling IP redirects on all interface-vlans and interface-bridge-domains of this vPC domain for correct operation of this feature.

Explanation Peer-gateway enabled, hence IP redirects on SVIs are disabled

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-4-VPC_GRACEFUL_SUSP_ALL_VPC: Operational graceful type-1 check state changed, reinitiating all vPCs

Explanation Graceful state change, reinit vPCs

Recommended Action No action is required.

Error Message VPC-4-VPC_LC_UPG_OVER_DELIVERY_FAIL: Failed to deliver LC upgrade to vPC peer

Explanation Failed to deliver LC upgrade to peer

Recommended Action Collect 'show tech-support vpc' from both peers.

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 Collect 'show tech-support vpc' from both peers.

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 Collect 'show tech-support vpc' from both peers.

Error Message VPC-4-VPC_PER_VLAN_NO_SUPPORT: ISSD/ISSU to an image that does not support per-vlan / per bridge-domain type-1 check will not bring down/up any vlan / bridge-domain (i.e. nothing will happen) until next compat-check.

Explanation Triggered when ISSU/ISSD to an image which does not support per-vlan compat-check

Recommended Action No action is required.

Error Message VPC-4-VPC_REINITIALIZED: Reinitializing vpcs assuming peer dead

Explanation Initializing vpcs assuming peer dead

Recommended Action Collect 'show tech-support vpc' from both peers.

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 Collect 'show tech-support vpc' from both peers.

VPC-5

Error Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: In domain [dec], global configuration is consistent

Explanation Global compat-check passed

Recommended Action No action is required.

Error Message VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration is TYPE-1 consistent

Explanation VPC configuration is consistent

Recommended Action No action is required.

Error Message VPC-5-ORPHANPORT_RESUME: Orphan-port [chars] is removed from suspended

Explanation Orphan-port is removed from suspended due to peer-link up or VPC role selection

Recommended Action No action is required.

Error Message VPC-5-ORPHANPORT_SUSPEND: Orphan-port [chars] is suspended

Explanation Orphan-port is suspended due to peer-link down or no VPC role selection

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_RECV_INT_LATEST: 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-5-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-5-PEER_KEEP_ALIVE_SEND_INT_LATEST: 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-5-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-5-PEER_KEEP_ALIVE_STATUS: In domain [dec], peer keep-alive status changed to [chars]

Explanation Peer keep-alive(oob) status is changed.

Recommended Action Collect 'show tech-support vpc' from both peers.

Error Message VPC-5-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-5-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-5-SYSTEM_PRIO_CFGD: In domain [dec], vPC system priority changed to [dec]

Explanation System priority changed

Recommended Action No action is required.

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_DELAY_SVI_BUP_TIMER_EXPIRED: vPC restore, delay interface-vlan / interface-bridge-domain bringup timer expired, reinitiating interface-vlans

Explanation VPC delay interface-vlan restore timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_DELAY_SVI_BUP_TIMER_START: vPC restore, delay interface-vlan bringup timer started

Explanation VPC delay interface-vlan restore timer start

Recommended Action No action is required.

Error Message VPC-5-VPC_DOWN: vPC [dec] is down([chars])

Explanation VPC is down(reason)

Recommended Action No action is required.

Error Message VPC-5-VPC_OPERATIONAL_L3_ROUTING: VPC operational layer3 peer-router is [chars]

Explanation VPC operational layer3 peer-router enabled or disabled

Recommended Action No action is required.

Error Message VPC-5-VPC_PEER_LINK_UP: vPC Peer-link is up

Explanation VPC Peer-link is up

Recommended Action No action is required.

Error Message VPC-5-VPC_RESTORE_TIMER_EXPIRED: vPC restore timer expired, reinitiating 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.

Error Message VPC-5-VPC_SCALE_LIMIT: No port-channel limit configuration is [chars]

Explanation No port-channel limit configuration is changed

Recommended Action No action is required.

Error Message VPC-5-VPC_UP: vPC [dec] is up

Explanation MCEC is UP

Recommended Action No action is required.

VPC-6

Error Message VPC-6-ADD_SRC_INDX_ADD_FAILED: Adding src index [hex] to VDC failed

Explanation Add src index failed

Recommended Action No action is required.

Error Message VPC-6-CFS_APP_SEQ_PL_UP_SENT: Sent CFS sync trigger on peer-link coming up to SAP [dec].

Explanation Sent trigger to SAP to begin sync

Recommended Action No action is required.

Error Message VPC-6-DELETE_SRC_INDX_ADD_FAILED: Deleting src index [hex] to VDC failed

Explanation Delete src index failed

Recommended Action No action is required.

Error Message VPC-6-PEER_ROLE_CHANGE: In domain [dec], vPC peer switch role changed to [chars]

Explanation Peer switch role changed(Master/Slave)

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 / bridge-domains changed

Recommended Action No action is required.

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-STATS_CLEARED: vPC Statistics Cleared

Explanation VPC statistics cleared

Recommended Action No action is required.

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 / bridge-domains 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_CONSISTENCY_CHECK_BYPASS: Bypassing consistency check for vPC:
[dec]

Explanation Bypassing consistency check for vpcs

Recommended Action No action is required.

Error Message VPC-6-VPC_CONSISTENCY_NEW_VLAN_PASS: Global Consistency check for vPC passed for new vlans

Explanation Global Consistency check for vPC passed for new vlans / bridge-domains

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_ES_EGRESS_DF_STATE_CHANGED: Egress designated forwarder state changed from [chars] to [chars] for vPC [dec].

Explanation DF state changed for some vPC.

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_CFGD: Fabricpath switch ID [dec] configured

Explanation Fabricpath switch ID configured

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_REMOVED: Fabricpath switch ID [dec] removed

Explanation Fabricpath switch ID removed

Recommended Action No action is required.

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_PER_VLAN_CONSISTENCY_PASSED: Global Consistency check for vPC passed for all vlans

Explanation Global Consistency check for vPC passed for all vlans / bridge-domains

Recommended Action No action is required.

Error Message VPC-6-VPC_SVI_EXCLUDE: vPC [dec] has up vlans/bridge-domains [chars] which are excluded from suspension on dual-active

Explanation VPC track object deconfigured

Recommended Action Collect 'show tech-support vpc' from both peers.

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.

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.

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.

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 manager

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.

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.

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-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-INIT_FAILED: Initialization of component [chars] failed

Explanation The service/component[chars] failed to start while initializing vrrp

Recommended Action Show processes to check the status of the other processes, and debug the failed 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.

Error Message VRRP-CFG-5-STARTING: VRRP Manager service started

Explanation The service successfully started.

Recommended Action No action is required.

Error Message VRRP-CFG-5-VR_ADMIN_DOWN: VR [chars]group [dec] on interface [chars] is administratively down

Explanation The specified vrrp group is administratively down on interface [chars].

Recommended Action No action is required.

Error Message VRRP-CFG-5-VR_ADMIN_UP: VR [chars]group [dec] on interface [chars] is administratively up

Explanation The specified vrrp group is administratively up on interface [chars].

Recommended Action No action is required.

Error Message VRRP-CFG-5-VR_ADV_INT_CHANGE: Adv Interval for VR [chars]group [dec] on intf [chars] changed from [dec] to [dec] secs

Explanation The specified vrrp group advertisement interval changed on interface [chars].

Recommended Action No action is required.

Error Message VRRP-CFG-5-VR_CREATED: VR [chars]group [dec] created on interface [chars]

Explanation The specified vrrp group has been successfully created on interface [chars].

Recommended Action No action is required.

Error Message VRRP-CFG-5-VR_DELETED: VR [chars]group [dec] removed from interface [chars]

Explanation The specified vrrp group has been successfully deleted on interface [chars].

Recommended Action No action is required.

VRRP-ENG Messages

This section contains the VRRP-ENG messages.

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-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-ARP_INIT_ERROR: Failed to init ARP, ret [hex], errno [dec]

Explanation VRRP-ARP interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove interface level VRRP-BFD sessions (errno: [hex] result: [hex]), Refer logs for detailed output

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_ADD_ERROR: Failed to add a few VRRP-BFD sessions(errno: [hex] result: [hex]) Refer logs for more detailed output

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information(errno: [hex] result: [hex]) Refer logs for more detailed output

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove a few VRRP-BFD sessions(errno: [hex] result: [hex]) Refer logs for more detailed output

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

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.

Error Message VRRP-ENG-3-IP_INIT_ERROR: Failed to initialize IP, returned error: [hex] and errno: [dec]

Explanation VRRP-IP interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-L3VM_INIT_ERROR: Failed to initialize L3VM, return code [hex] , errno = [dec]

Explanation VRRP-L3VM interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-URIB_INIT_ERROR: Failed to initialize URIB, returned Error: [hex], errno: [dec]

Explanation VRRP-URIB interaction failed.

Recommended Action No action is required.

VRRP-ENG-4

Error Message VRRP-ENG-4-BAD_ADV: Bad advertisement received by VR [chars] ID [dec] on interface [chars] due to [chars]

Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.

VRRP-ENG-5

Error Message VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR [chars] [dec] since the interface [chars] is down or having invalid ip-address configured

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; current state: [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-INVALID_CONFIG: Cannot start the VR[chars] [dec] on the interface [chars] due to following Invalid IP configuration : [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-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], event [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.

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.

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.

VSC Messages

This section contains the VSC messages.

VSC-2

Error Message VSC-2-CPP_CATASTROPHIC_ERR: ERROR: Component ([chars]) caused critical error in virtualization software

Explanation Virtualization software suffers critical failure due to error in given component

Recommended Action Contact SUPPORT Need to perform graceful shutdown and restart the linecard

Error Message VSC-2-CPP_RELOAD: Component ([chars]) is reloading the linecard

Explanation No response to critical error notification from application

Recommended Action Response to critical error notification and perform graceful shutdown

Error Message VSC-2-REGISTER_NOTIF_REPLY_FAILED: Component ([chars]) fails to register to receive notification reply

Explanation System will not receive partner notification reply

Recommended Action Virtualization software will restart the linecard after reply timeout.

VSC-3

Error Message VSC-3-SSM_GET_SW_CARDID: Failed to get SSM software card ID

Explanation SSM get software card ID failed in VSC

Recommended Action Contact SUPPORT There is a serious error and the linecard need to be restarted

VSC-5

Error Message VSC-5-RX_PS_CRITICAL_NOTIF_REPLY: Component ([chars]) receives critical error notification reply

Explanation Partner software will handle critical error

Recommended Action Virtualization software won't restart the linecard. It is partner software responsibility to do shutdown

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 in VSD. Please reboot SSM

Explanation Component stated above, caused critical error. Restart of Storage Service Module is required to recover from the error.

Recommended Action Restart the SSM linecard

VSD-SLOT#-6

Error Message VSD-SLOT#-6-VSD_INFO: VSD daemon informational message : [chars]

Explanation VSD daemon informational message

Recommended Action No action is required.

VSHA Messages

This section contains the VSHA messages.

VSHA-3

Error Message VSHA-3-VSHA_INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure is happened initializing the specified component

Recommended Action No action is required.

Error Message VSHA-SLOT#-3-LOG_VSHA_STATE_TIMEOUT: VSHA Shutting Down. Deport Wait Timeout for sg: [chars] (vrid [dec]).

Explanation SG was being shutdown. But DG could not be deported within specified time by the linecard

Recommended Action No action is required.

Error Message VSHA-SLOT#-3-LOG_VSHA_STATE: VSHA Shutting Down. Failure to deport dg: [chars] from sg: [chars] (vrid [dec]).

Explanation DG was either removed from SG or SG was offlined. But DG could not be deported by the linecard

Recommended Action No action is required.

VSHA-SLOT#-5

Error Message VSHA-SLOT#-5-LOG_VSHA_ARBT_DISK_STATE: Arbitration_disk [chars] for Service_Group [chars] (vrid [dec]) in error state

Explanation FCDD has reported arbt_disk as deleted/now longer accessible.

Recommended Action No action is required.

Error Message VSHA-SLOT#-5-LOG_VSHA_DG_STATE: Disk_Group [chars] from Service_Group [chars] (vrid [dec]) in error state

Explanation VSHA resource monitor has detected dg is not accessible.

Recommended Action No action is required.

Error Message VSHA-SLOT#-5-LOG_VSHA_SG_STATE: State change for sg [chars] (vrid [dec]).
New state is [chars]. State change reason is [chars]

Explanation Either a failover or user command caused a sg state change.

Recommended Action No action is required.

VSHD Messages

This section contains the VSHD messages.

VSHD-2

Error Message VSHD-2-VSHD_SYSLOG_NULL_PAYLOAD: Null request from VSH

Explanation MTS payload request is null

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-2-VSHD_SYSLOG_NULL_PAYLOAD: Null request from VSH

Explanation MTS payload request is null

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Error in copying current configuration
from database, Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation Copy of configuration from database failed due to PSS snapshot error

Recommended Action Try to execute the same again. If problem persist, turn on 'debug system internal
vshd all' and execute the cli again and contact TAC with the logs

Error Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Error in copying current configuration
from database, Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation Copy of configuration from database failed due to PSS snapshot error

Recommended Action Try to execute the same again. If problem persist, turn on 'debug system internal vshd all' and execute the cli again and contact TAC with the logs

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Error in copying current configuration from database, Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation Copy of configuration from database failed due to PSS snapshot error

Recommended Action Try to execute the same again. If problem persist, turn on 'debug system internal vshd all' and execute the cli again and contact TAC with the logs

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

VSHD-3

Error Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation Role distribution failed due to unstable fabric (fabrics connected to the CFS)

Recommended Action Please retry operation when fabric is stable

Error Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation Role distribution failed due to unstable fabric (fabrics connected to the CFS)

Recommended Action Please retry operation when fabric is stable

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation Role distribution failed due to unstable fabric (fabrics connected to the CFS)

Recommended Action Please retry operation when fabric is stable

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]

Explanation CLI handler function exited due to unexpected error condition

Recommended Action Try again. If problem persist, contact TAC

Error Message VSHD-3-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]

Explanation CLI handler function exited due to unexpected error condition

Recommended Action Try again. If problem persist, contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]

Explanation CLI handler function exited due to unexpected error condition

Recommended Action Try again. If problem persist, contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]
Unable to access the file

Explanation File handling error

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]
Unable to access the file

Explanation File handling error

Recommended Action No action is required.

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]
Unable to access the file

Explanation File handling error

Recommended Action No action is required.

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message communication error : [chars]

Explanation Message communication error between processes

Recommended Action If issue persist contact TAC

Error Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message communication error : [chars]

Explanation Message communication error between processes

Recommended Action If issue persist contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message communication error : [chars]

Explanation Message communication error between processes

Recommended Action If issue persist contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vshd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: Error while updating parse or command tree : [chars]

Explanation Error during updating command or parse while register/de-register the command chains in the parse tree

Recommended Action Check respective command chain updated in the parse tree or not. If not contact TAC

Error Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: Error while updating parse or command tree : [chars]

Explanation Error during updating command or parse while register/de-register the command chains in the parse tree

Recommended Action Check respective command chain updated in the parse tree or not. If not contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vs hd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: Error while updating parse or command tree : [chars]

Explanation Error during updating command or parse while register/de-register the command chains in the parse tree

Recommended Action Check respective command chain updated in the parse tree or not. If not contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vs hd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Error in accessing database for the Purpose:[chars] URI:[chars] errcode:[dec]

Explanation Error while accessing the database

Recommended Action Try to execute the same again or contact TAC

Error Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Error in accessing database for the Purpose:[chars] URI:[chars] errcode:[dec]

Explanation Error while accessing the database

Recommended Action Try to execute the same again or contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vs hd all' and execute the cli again

Error Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Error in accessing database for the Purpose:[chars] URI:[chars] errcode:[dec]

Explanation Error while accessing the database

Recommended Action Try to execute the same again or contact TAC

Required Info No action is required.

TAC Details Turn on 'debug system internal vs hd all' and execute the cli again

VSHD-4

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (permit) for all roles when license expires

Explanation Vsan policy would be set default(permit) for all roles when license expires

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (permit) for all roles when license expires

Explanation Vsan policy would be set default(permit) for all roles when license expires

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info No action is required.

TAC Details Ask customer to buy a license

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (permit) for all roles when license expires

Explanation Vsan policy would be set default(permit) for all roles when license expires

Recommended Action SYSLOGDOC_LICENSE_REQUIRED

Required Info No action is required.

TAC Details Ask customer to buy a license

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

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

Required Info No action is required.

TAC Details Wiki link <https://wiki.cisco.com/display/NXOSMGBL/NXOS+Manageability+Debugging+and+Troubleshooting#NXOSManageabilityDebuggingandTroubleshooting-DebuggingVSHD>

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

Required Info No action is required.

TAC Details Wiki link <https://wiki.cisco.com/display/NXOSMGBL/NXOS+Manageability+Debugging+and+Troubleshooting#NXOSManageabilityDebuggingandTroubleshooting-DebuggingVSHD>

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

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

Required Info No action is required.

TAC Details No action is required.

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

Required Info No action is required.

TAC Details No action is required.

VSHD-5

Error Message VSHD-5-VSHD_SYSLOG_CLI_ENABLED: [chars] enabled

Explanation Cmd enabled

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CLI_ENABLED: [chars] enabled

Explanation Cmd enabled

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CLI_ENABLED: [chars] enabled

Explanation Cmd enabled

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CMD_EXEC: User:[chars] executed the command:[chars]

Explanation CLI command was executed

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CMD_EXEC: User:[chars] executed the command:[chars]

Explanation CLI command was executed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CMD_EXEC: User:[chars] executed the command:[chars]

Explanation CLI command was executed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

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_CHANGE: VDC=[chars], VTY=[chars], user=[chars], CMD=[chars]

Explanation Configuration change notification

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

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.

Required Info No action is required.

TAC Details 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_CONFIG_I: Configured from vty by [chars] on [chars]

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Required Info No action is required.

TAC Details 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.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_INTF_ADD_FAILED: Add intf entry for role [chars] failed

Explanation Addition of interface entry for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_INTF_ADD_FAILED: Add intf entry for role [chars] failed

Explanation Addition of interface entry for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_ADD_FAILED: Failed to create role: [chars]

Explanation Failed to create new role

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_ADD_FAILED: Failed to create role: [chars]

Explanation Failed to create new role

Recommended Action No action is required.

Required Info No action is required.

TAC Details 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.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_CREATED: New cli role [chars] created

Explanation New cli role created

Recommended Action No action is required.

Required Info No action is required.

TAC Details 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.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_DELETED: Cli role [chars] deleted

Explanation Cli role deleted

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_DELETED: Cli role [chars] deleted

Explanation Cli role deleted

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_DELETED: Cli role [chars] deleted

Explanation Cli role deleted

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_RULE_ADD_FAILED: Add rule list for role [chars] failed

Explanation Adding rule list for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_RULE_ADD_FAILED: Add rule list for role [chars] failed

Explanation Adding rule list for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_TLV_ADD_FAILED: tlv add failed: [hex] [chars]

Explanation Role tlv addition failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_TLV_ADD_FAILED: tlv add failed: [hex] [chars]

Explanation Role tlv addition failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_VRF_ADD_FAILED: Add vrf entry for role [chars] failed

Explanation Addition of vrf entry for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-5-VSHD_SYSLOG_VRF_ADD_FAILED: Add vrf entry for role [chars] failed

Explanation Addition of vrf entry for role failed

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

VSHD-6

Error Message VSHD-6-VSHD_SYSLOG_SDWRAP_ERR: Debug infra initialization failed. Description: [chars] errcode: [dec]

Explanation Error while initializing Debug infra

Recommended Action No action is required.

Error Message VSHD-6-VSHD_SYSLOG_SDWRAP_ERR: Debug infra initialization failed. Description: [chars] errcode: [dec]

Explanation Error while initializing Debug infra

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-6-VSHD_SYSLOG_SDWRAP_ERR: Debug infra initialization failed. Description: [chars] errcode: [dec]

Explanation Error while initializing Debug infra

Recommended Action No action is required.

Required Info No action is required.

TAC Details 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.

Error Message VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]

Explanation Parse tree updated in shell

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

Error Message VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]

Explanation Parse tree updated in shell

Recommended Action No action is required.

Required Info No action is required.

TAC Details No action is required.

VTP Messages

This section contains the VTP messages.

VTP-0

Error Message VTP-0-EMERGENCY_MSG: [chars]

Explanation VTP Emergency Message

Recommended Action Capture show tech-support vtp

VTP-1

Error Message VTP-1-ALERT_MSG: [chars]

Explanation VTP Alert Message

Recommended Action Capture show tech-support vtp

VTP-2

Error Message VTP-2-CRITICAL_MSG: [chars]

Explanation VTP Critical Message

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_LONG_VLAN_NAME_EXIST: VTP Mode changed to off as long vlan configuration exists

Explanation By default, VTP feature comes up in Server mode. long vlans can only operate in VTP transparent/off mode As long Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_PVLAN_EXIST: VTP Mode changed to off as Private VLAN configuration exists

Explanation By default, VTP feature comes up in Server mode. Private Vlan can only operate in VTP transparent/off mode As Private Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_RESERVED_VLAN_EXIST: VTP Mode changed to off as reserved vlan configuration exists

Explanation By default, VTP feature comes up in Server mode. reserved vlans can only operate in VTP transparent/off mode As Reserved Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_CREATE_SEQ_FAILED: VTP Mode changed to transparent since VTP vlan create/update failed.

Explanation In VTP secondary server/client mode, vlan create/update failed!

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_NO_PVLAN: VTP Mode changed to transparent since Private VLAN feature is not enabled

Explanation In VTP secondary server/client mode, pvlan information has been received. However, feature private vlan has not been enabled locally.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_PVLAN_ASSOC_FAILED: VTP Mode changed to transparent since VTP pvlan assoc update failed.

Explanation In VTP secondary server/client mode, pvlan assoc update failed!

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_PVLAN_TYPE_CHANGE_FAILED: VTP Mode changed to transparent since VTP pvlan type change failed.

Explanation In VTP secondary server/client mode, pvlan type change failed!

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_UPDATE_ON_TO_RESERVED_VLAN_RANGE: VTP Mode changed to transparent since vtp update was updating vlans configured in reserved vlan range

Explanation In VTP secondary server/client mode, received an update from primary server for vlan/range of vlans configured as reserved vlan.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_VLAN_CREATE_UPDATE_FAILED: VTP Mode changed to transparent since vlan create update failed.

Explanation In VTP secondary server/client mode, vlan create update failed!

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_VLAN_RES_LIMIT_EXIST: VTP Mode changed to transparent as vlan resource limit configuration exists

Explanation By default, VTP feature comes up in Server mode. resource limit configuration can only operate in VTP transparent/off mode As vlan resource limit configuration exists, VTP mode is changed to transparent.

Recommended Action No action is required.

VTP-3

Error Message VTP-3-ERROR_MSG: [chars]

Explanation VTP Error Message

Recommended Action No action is required.

VTP-4

Error Message VTP-4-BAD_STARTUP_VLAN_CONFIG_FILE: Failed to configure VLAN from startup-config. Fallback to use VLAN configuration file from non-volatile memory

Explanation VLAN software failed to use VLAN configuration from startup-config file. It will fallback to use the binary VLAN configuration file in non-volatile memory.

Recommended Action No action is required.

Error Message VTP-4-VLAN_CREATE_FAIL: Failed to create VLANs [chars]: [chars]

Explanation The VLANs specified in the error message could not be created. The VLAN manager called an VLAN database routine to create one or more VLANs, but the Vlan Manager failed the VLAN creation requests.

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE_VERSION: VLAN configuration file contained unknown file version: [dec]

Explanation The VLAN configuration file read by the VLAN manager contained an unrecognized file version number. (This may indicate an attempt to regress to an older version of the VLAN manager software.)

Recommended Action LOG_STD_ACTION

Error Message VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE: Vlan configuration file contained incorrect verification word: [hex]

Explanation The VLAN configuration file read by the VLAN manager did not begin with correct value which would indicate a valid VLAN configuration file. Thus, it has been rejected.

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_BAD_VLAN_DOMAIN_NAME_LENGTH: VLAN configuration file contained incorrect domain name length: [dec]

Explanation The VLAN configuration file read by the VLAN manager did not contain a valid domain name length. Thus, it has been rejected.

Recommended Action Please provision VTP domain name again

Error Message VTP-4-VTP_BAD_VLAN_PASSWORD_LENGTH: VLAN configuration file contained incorrect VTP password length: [dec]

Explanation The VLAN configuration file read by the VLAN manager did not contain a valid VTP password length. Thus, it has been rejected.

Recommended Action Please provision VTP password again

Error Message VTP-4-VTP_INVALID_DATABASE_DATA: VTP received bad data

Explanation Invalid data was received by VTP process

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_PRIMARY_SERVER_CHG: [hex] [hex].[hex] [hex].[hex] [hex] has become the primary server for [chars] VTP feature

Explanation The primary server status has changed and the indicated device has become the primary server for the indicated VTP feature.

Recommended Action No action is required.

Error Message VTP-4-VTP_PRIMARY_SERVER: VTP Mode changed to primary server for instance [chars].

Explanation VTP mode changed to primary server for the instance specified in the message

Recommended Action No action is required.

Error Message VTP-4-VTP_PROTOCOL_ERROR: VTP protocol code internal error: [chars]

Explanation VTP protocol code encountered an unexpected error will processing configuration request, packet, or timer expiration.

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_SWITCHPORT_PRUNING: The user configured list of pruned VLANs on interface [chars] is ignored as MVRP will prune VLANs dynamically.

Explanation Switchport trunk pruning vlan is used by VTP pruning and prunes 1-1001 VLANs only. This configuration does not apply to MVRP, which prunes all the 4K vlans. This is an informative message. There is no harm from this message.

Recommended Action No action is required.

Error Message VTP-4-WARN_MSG: [chars]

Explanation VTP Warning Message

Recommended Action No action is required.

VTP-5

Error Message VTP-5-NOTIF_MSG: [chars]

Explanation VTP Notification Message

Recommended Action No action is required.

VTP-6

Error Message VTP-6-IFS_FAILURE: VLAN manager encountered file operation error: call = [chars] / file = [chars] / code = [dec] ([chars]) / bytes transfered = [dec]

Explanation VTP received an unexpected error return from a file system call.

Recommended Action Collect show tech-support

Error Message VTP-6-INFO_MSG: [chars]

Explanation VTP Informational Message

Recommended Action No action is required.

Error Message VTP-6-VTP_DOMAIN_NAME_CHG: VTP domain name changed to [chars].

Explanation The VTP domain name was changed through configuration to the name specified in the message. A management domain is the naming scope of a VLAN name. Each VLAN has a name that is unique within the management domain.

Recommended Action No action is required.

Error Message VTP-6-VTP_MODE_CHANGE: VLAN manager changing device mode from [chars] to [chars].

Explanation Some switch devices must automatically change VTP device modes upon receipt of a VLAN configuration database containing more than a set number of VLANs, depending on the device. This message indicates that such a spontaneous conversion has occurred, what the previous mode was, and what the current mode is.

Recommended Action No action is required.

Error Message VTP-6-VTP_OLD_CONFIG_FILE_READ: Old version [dec] VLAN configuration file detected and read OK. Version [dec] files will be written in the future.

Explanation VLAN software detected an old version of the VLAN configuration file format. It was able to interpret the file with no problems but will create files using the new format in the future.

Recommended Action No action is required.

Error Message VTP-6-VTP_PRUNING_CHANGE: VTP Operational Pruning [chars].

Explanation VTP operational pruning changed. This can happen due to admin pruning change, VTP mode changes or VTP config propagation. 'show vtp status' output can be looked up to find the reason for this change.

Recommended Action Check 'show vtp status' output to find the reason for this change. SYSLOG-DOC_NO_ACTION

VTP-7

Error Message VTP-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

WCCP Messages

This section contains the WCCP messages.

WCCP-1

Error Message WCCP-1-ROUTERFOUND: [chars]

Explanation WCCP Router found

Recommended Action No action is required.

Error Message WCCP-1-SBADDFAIL: [chars]

Explanation Unable to add subblock on interface.

Recommended Action Reapply Policy on interface.

Error Message WCCP-1-SBDELFFAIL: [chars]

Explanation Unable to delete subblock in interface.

Recommended Action Reapply Policy on interface.

Error Message WCCP-1-SERVICEFOUND: [chars]

Explanation WCCP client added to Service Group.

Recommended Action No action is required.

Error Message WCCP-1-SERVICELOST: [chars]

Explanation WCCP client removed from Service Group. Either the client has shutdown or stopped sending HIA msgs to WCCP Router.

Recommended Action No action is required.

Error Message WCCP-1-SERVICEMISMATCH: [chars]

Explanation The Router and the Client have a mismatch in port, protocol, priority, and/ or other service flags.

Recommended Action Ensure service-list configuration on the Router and Client match.

WCCP-3

Error Message WCCP-3-MASKVALUE: [chars]

Explanation Invalid mask value in assignment method

Recommended Action Ensure mask value is valid

Error Message WCCP-3-METHODMISMATCH: [chars]

Explanation Assignment or Forwarding or Return method mismatch between Server and Client

Recommended Action Ensure Router and Client configuration matches

Error Message WCCP-3-SECURITYMISMATCH: [chars]

Explanation The service group password on the Router and the Client do not match.

Recommended Action Ensure password matches between Router and Client.

WCCP-5

Error Message WCCP-5-GROUPCREATED: [chars]

Explanation Service Group created.

Recommended Action No action is required.

Error Message WCCP-5-GROUPDELETED: [chars]

Explanation Service Group deleted.

Recommended Action No action is required.

Error Message WCCP-5-MASKCHANGE: Mask value changed.

Explanation Mask value changed.

Recommended Action No action is required.

Error Message WCCP-5-ROUTERLOST: [chars]

Explanation WCCP Router lost

Recommended Action No action is required.

X2_USD Messages

This section contains the X2_USD messages.

X2_USD-2

Error Message X2_USD-2-DC3_X2_SYSLOG_INTERNAL_SOFTWARE_ERROR: An internal error in the X2 driver occurred on port [dec]: [chars] [dec]

Explanation An unexpected internal X2 driver software error occurred

Recommended Action Contact technical support

Error Message X2_USD-2-DC3_X2_SYSLOG_INVALID_TRANSCEIVER_TYPE: Module in port [dec] has an invalid transceiver type of [hex]

Explanation An unsupported module was plugged into the port

Recommended Action Retry with a supported module

Error Message X2_USD-2-DC3_X2_SYSLOG_NVRAM_CHKSUM_FAILURE: NVRAM checksum failure for module in port [dec]

Explanation Non-volatile memory checksum error in module

Recommended Action Remove and reinsert module and retry operation

Error Message X2_USD-2-DC3_X2_SYSLOG_ONEX_INITIALIZATION_FAILURE: A validated OneX module in port [dec] failed initialization with error [hex]

Explanation A OneX module was detected and validated, but failed initialization

Recommended Action Remove and reinsert module and retry operation

Error Message X2_USD-2-DC3_X2_SYSLOG_ONEX_VALIDATION_FAILURE: OneX module in port [dec] failed validation with error [hex]

Explanation A counterfeit OneX module detected, or a valid OneX has a corrupt sprom

Recommended Action Replace OneX module

X2_USD-5

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_INSERTION: OneX inserted into port [dec]

Explanation OneX X2 to SFP+ Converter inserted is detected

Recommended Action Ensure OneX insertion an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_REMOVAL: OneX removed from port [dec]

Explanation OneX X2 to SFP+ Converter removal is detected

Recommended Action Ensure OneX removal an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPPLUS_INSERTION: SFP+ inserted into port [dec]

Explanation SFP+ insertion into OneX X2 to SFP+ Converter detected

Recommended Action Ensure SFP+ insertion into OneX an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPPLUS_REMOVAL: SFP+ removed from port [dec]

Explanation SFP+ removal from OneX X2 to SFP+ Converter detected

Recommended Action Ensure SFP+ removal from OneX an expected action

XBAR_CLIENT Messages

This section contains the XBAR_CLIENT messages.

XBAR_CLIENT-2

Error Message XBAR_CLIENT-2-CROSS_LINK_SYNC_LOSS: XBAR-[chars].

Explanation Cross links lost sync and hence xbar is brought down.

Recommended Action Please reload the xbar using 'reload xbar event-history' to collect more information.

Error Message XBAR_CLIENT-2-MEM_FULL: Memory allocation failed.

Explanation XBAR_CLIENT process has failed to allocate memory.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

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: Process is shutting down: [chars].

Explanation XBAR_CLIENT process is exiting.

Recommended Action Please perform a 'show xbar-client event-history' to collect 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 system internal xbar-client internal event-history errors' to collect 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: Error in processing IPC message: [dec], Error code = [dec].

Explanation XBAR_CLIENT process has encountered an error in processing message.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

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: Received unexpected IPC message: [dec].

Explanation XBAR_CLIENT process has received an unknown message.

Recommended Action Please perform a 'show xbar-client event-history' to collect 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.

Error Message XBAR_CLIENT-3-SUP2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization failed

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

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:
[chars], 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

Error Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization failed

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR_DRIVER_USD Messages

This section contains the XBAR_DRIVER_USD messages.

XBAR_DRIVER_USD-2

Error Message XBAR_DRIVER_USD-2-SCZ_ACCESS_FAILED: Xbar Driver Failed to access reg for
[chars]

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_CATASTROPHIC: Xbar Driver catastrophic failure:
[chars]

Explanation Xbar Driver catastrophic error

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_INTR: Xbar Driver Interrupt occurred: [chars]

Explanation Interrupt occurred on the xbar

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_SW_INIT_ABORTED: Xbar Driver Failed to finish Software Initialization: [chars]

Explanation Xbar Driver Software Initialization failed

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SHUTDOWN: Xbar Driver software process exiting: [chars]

Explanation Xbar Driver shutting down

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SYNC_FAILED: Xbar Driver sync failed: [chars]

Explanation Xbar Driver Sync failed for the xbar channel

Recommended Action No action is required.

XBAR_DRIVER_USD-3

Error Message XBAR_DRIVER_USD-3-EN_DATA_FAILED: Xbar Driver enable data failed for slot:[dec] asic:[dec] channel: [hex]

Explanation Xbar Driver Enable Datapath failed for the xbar channel

Recommended Action No action is required.

XBAR_DRIVER_USD-5

Error Message XBAR_DRIVER_USD-5-STARTING: Xbar Driver process starting

Explanation Xbar Driver process is being started

Recommended Action No action is required.

XBAR_DRIVER_USD-6

Error Message XBAR_DRIVER_USD-6-DIS_DATA: Xbar Driver disable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation Disabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-EN_DATA: Xbar Driver enable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation Enabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-HW_INIT: Xbar DriverHW initialization has been done for Slot: [dec] Asic: [dec]

Explanation Xbar Driver HW initialization has been called[dec]

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-SYNC_DONE: Xbar Driver sync done for slot:[dec] asic:[dec] channel: [hex]

Explanation Sync Completed successfully for the xbar channel

Recommended Action No action is required.

XBAR Messages

This section contains the XBAR messages.

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 Replace supervisor

Error Message XBAR-2-FABRIC_UTILIZATION: fabric slot:[dec] fabric_asic:[dec] connected to LC Mod:[dec] UC Util:[dec] MC Util:[dec]

Explanation SAMPLING STARTED FOR 10 SECONDS

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-INCOMPATIBLE_DIST_ARBIT_MODE: [chars] in slot [dec] is not supported with the current distributed arbitration mode.

Explanation This module is not compatible with the current distributed arbitration 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 Add more fabric cards

Error Message XBAR-2-XBAR_MIXED_SPINES_POLICY_MATCHED: [chars]

Explanation Fabric could not be brought online due to policy match:

Recommended Action Remove older generation fabric cards

Error Message XBAR-2-XBAR_MONITOR_FABRIC_UTIL_SAMPLE_START: sampling started for fabric threshold:[dec] sampling of fabric-util occurs :[dec] seconds and syslog in frequency of :[dec] minutes

Explanation SAMPLING STARTED

Recommended Action No action is required.

Error Message XBAR-2-XBAR_MONITOR_FABRIC_UTIL_SAMPLE_STOP: sampling stopped for threshold:[dec]

Explanation SAMPLING STOPPED

Recommended Action No action is required.

Error Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: [chars]

Explanation Internal CRC error

Recommended Action Diagnose and replace if necessary one or more linecards, fabric cards where the CRC error originates or replace chassis

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.

Error Message XBAR-2-XBM_EEM_FABRIC_ACTION: Fabric [chars] has been reloaded by xbar-manager because of an eem-policy triggered action [chars] %i

Explanation Xbar-manager has removed the fabric because an eem policy has been met This means that the fabric has hit the maximum number of recoverable sync-losses with multiple line-cards within a time-window.

Recommended Action Diagnose failure and replace module or fabric or chassis as necessary

Error Message XBAR-2-XBM_EEM_MODULE_ACTION: Module [chars] has been reloaded by xbar-manager because of an eem-policy triggered action

Explanation Xbar-manager has removed the linecard because an eem policy has been met. This means that the module has hit the maximum number of recoverable sync-losses with fabric card(s) within a time-window.

Recommended Action Diagnose failure and replace module or fabric or chassis as necessary

XBAR-3

Error Message XBAR-3-MEM_FULL: Memory allocation failed. [chars] %i

Explanation

Recommended Action No action is required.

XBAR-4

Error Message XBAR-4-XBAR_MIXED_SPINES_IN_CHASSIS_CRANEQUIN: [chars]

Explanation There are both FAB-3 and older series spines in the Chassis. Please replace the older spines with FAB-3 Spines.

Recommended Action No action is required.

Error Message XBAR-4-XBAR_MIXED_SPINES_IN_CHASSIS: [chars]

Explanation There are both FAB-1 and FAB-2 type spines in the Chassis. Please replace the FAB-1 spines with FAB-2 Spines.

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.

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.

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 system internal xbar event-history module '. Power cycling the module may recover.

Error Message XBAR-5-SYNC_THRESHOLD_FAILURE: Module resync threshold exceeded [chars] [chars] module %i

Explanation This module has exceeded the number of resync attempts in a day. Module will be reloaded

Recommended Action No action is required.

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 durinig intialization return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_MOD_FAB_INSERT_SEQ_FAILURE: Xbar [dec] has failed insert sequence

Explanation The xbar manager is failing the insert sequence

Recommended Action No action is required.

Error Message XBAR-5-XBAR_MOD_INSERT_SEQ_FAILURE: [chars] for module [dec]

Explanation The xbar manager received failure response and is failing the insert sequence

Recommended Action No action is required.

Error Message XBAR-5-XBAR_MOD_LC_INSERT_SEQ_FAILURE: Module in slot [dec] has failed insert sequence

Explanation The xbar manager is failing the insert sequence

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.

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.

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 during sw 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_VERSION_CHECK_FAILURE: XBAR [chars] SCZ version check failed [chars] %i

Explanation This SUP has an older Santacruz version, and so will not be allowed to power-up, Please upgrade to the latest supervisor version.

Recommended Action No action is required.

XCVR_USD Messages

This section contains the XCVR_USD messages.

XCVR_USD-6

Error Message XCVR_USD-6-XCVR_USD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message XCVR_USD-6-XCVR_USD_LOG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

XCVR Messages

This section contains the XCVR messages.

XCVR-6

Error Message XCVR-6-XCVR_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

XMLMA-2

Error Message XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]

Explanation XML master agent failed to send heartbeat message to sysmgr process.

Recommended Action Please restart the process and re-connect the XML/Netconf Clients.

Error Message XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]

Explanation XML master agent process has failed to initialize.

Recommended Action Please restart the process and re-connect the XML/Netconf Clients.

Error Message XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]

Explanation PSS operation failed for XML master agent process.

Recommended Action Please restart the process and re-connect the XML/Netconf Clients or contact Cisco TAC support.

Error Message XMLMA-2-XMLMACRIT: XML master agent error: [chars]

Explanation XML master agent critical log

Recommended Action Please re-connect the XML/Netconf Client or contact Cisco TAC support.

XMLMA-5

Error Message XMLMA-5-STARTING: XML master agent started [chars]

Explanation XML master agent process has been started.

Recommended Action No action is required.

XMLMA-6

Error Message XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]

Explanation XML master agent process is exiting.

Recommended Action Please restart the process and re-connect the XML/Netconf Clients.

Error Message XMLMA-6-XMLMALOG: XML master agent operation log: [chars]

Explanation XML master agent operation status log.

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Error Message XMLSA-2-CANDIDATE_WRITE_FAIL: Netconf session id:[dec], candidate config has no space left

Explanation No space left in candidate configuration of the netconf session.

Recommended Action Please send the commit or discard request for the outstanding config.

Error Message XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]

Explanation XML sub agent process failed to send heartbeat messages to XML master agent.

Recommended Action Please re-connect the XML/Netconf Client.

Error Message XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]

Explanation XML sub agent process has failed to initialize.

Recommended Action Please re-connect the XML/Netconf Client.

Error Message XMLSA-2-USER_INACTIVE: XML sub agent timed out: [chars]

Explanation XML sub agent process timed out due to inactivity.

Recommended Action Please re-connect the XML/Netconf Client.

XMLSA-5

Error Message XMLSA-5-RPC_ERROR: Netconf session id:[dec], operation:[chars], status:FAILED, reason:[chars]

Explanation Netconf operation has failed.

Recommended Action Please retry the operation or contact Cisco TAC support.

Error Message XMLSA-5-RPC_OK: Netconf session id:[dec], operation:[chars], status:SUCCESS

Explanation Netconf operation is successful.

Recommended Action Verify that the netconf Operation is successful.

Error Message XMLSA-5-STARTING: XML sub agent started: [chars]

Explanation XML sub agent process has been started.

Recommended Action No action is required.

XMLSA-6

Error Message XMLSA-6-XMLSAEXIT: XML sub agent is exiting...: [chars]

Explanation XML sub agent process 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.

ZBM Messages

This section contains the ZBM messages.

ZBM-2

Error Message ZBM-2-ZBM_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 ZBM-2-ZBM_INIT_FAILED: Initialization failed for ZBM: [chars], reason: [hex].

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

Recommended Action No action is required.

Error Message ZBM-2-ZBM_INIT_WARNING: Initialization warning for ZBM: [chars], reason: [hex].

Explanation Initialization warning for ZBM due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_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 ZBM-2-ZBM_MALLOC_FAILURE: Memory allocation failed for size [dec]

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

Recommended Action Restart the process.

Error Message ZBM-2-ZBM_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 ZBM-2-ZBM_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 ZBM-2-ZBM_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 ZBM-2-ZBM_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 ZBM-2-ZBM_RUNTIME_FAILURE: [chars] [dec], Error: [hex]

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

Recommended Action No action is required.

Error Message ZBM-2-ZBM_TCAM_FAILURE: Failed to do TCAM operation: [chars].

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

Recommended Action No action is required.

Error Message ZBM-2-ZBM_TCAM_SEND: [chars]

Explanation Sending to tcam [chars]

Recommended Action No action is required.

ZBM-4

Error Message ZBM-4-ZBM_WARNING: [chars] [dec]

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

Recommended Action No action is required.

ZBM-6

Error Message ZBM-6-ZBM_DIAG_EVENT_STATUS: [chars] [hex].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_ECHO_PROGRAMMING_FAILED: [chars].

Explanation Programming echo entry failed for [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_E_PORT_EVENT_STATUS: [chars] [chars].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_FCC_EVENT_STATUS: [chars] [chars].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_INIT_PROCESS: Zone Block Mgr process started [chars] at [chars]

Explanation Zone Block Mgr process started in [chars](stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_LINECARD_EVENT_STATUS: [chars] [hex].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_MCAST_EVENT_STATUS: [chars] [chars].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_NX_PORT_EVENT_STATUS: [chars] [chars].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_PORT_MODE_EVENT_STATUS: [chars] [chars].

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_RUNTIME_STATUS: [chars] [dec]

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

Recommended Action No action is required.

Error Message ZBM-6-ZBM_STATUS: ZBM Status: [chars].

Explanation ZBM status is reported as [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].

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

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.

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-SWITCH_ZONEMEMBER_LIMIT: [chars]

Explanation EEM configured limit for the Zonemember attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-SWITCH_ZONEMEMBER_LIMIT: [chars]

Explanation EEM configured limit for the Zonemember attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-SWITCH_ZONESET_LIMIT: [chars]

Explanation EEM configured limit for the Zoneset attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-SWITCH_ZONESET_LIMIT: [chars]

Explanation EEM configured limit for the Zoneset attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-SWITCH_ZONE_LIMIT: [chars]

Explanation EEM configured limit for the Zone attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-SWITCH_ZONE_LIMIT: [chars]

Explanation EEM configured limit for the Zone attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-VSAN_ZONEDBSIZE_LIMIT: [chars]

Explanation EEM configured limit for the Zone DBSize attribute reached : [chars].

Recommended Action No action is required.

Error Message ZONE-2-VSAN_ZONEDBSIZE_LIMIT: [chars]

Explanation EEM configured limit for the Zone DBSize attribute reached : [chars].

Recommended Action No action is required.

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_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_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_BLOCKED_ATTR_PRESENT: Module [dec] failed to come online due to [chars] in VSAN [dec] to bring up the module.

Explanation Module [dec] failed to come up due to [chars].

Recommended Action Verify if RO/LUN/Broadcast attributes are configured, in the VSAN, disable if configured

Error Message ZONE-2-ZS_BLOCKED_ATTR_PRESENT: Module [dec] failed to come online due to [chars] in VSAN [dec] to bring up the module.

Explanation Module [dec] failed to come up due to [chars].

Recommended Action Verify if RO/LUN/Broadcast attributes are configured, in the VSAN, disable if configured

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_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_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.

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.

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_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_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_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_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_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_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.

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.

Error Message ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RRCA from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RRCA from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RUFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RUFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

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_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_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_SMART_ZONING_POLICY_CHANGE_FAILED: Smart Zoning Policy Change Failed

Explanation Zone Server cannot distribute smart zoning policy change.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_SMART_ZONING_POLICY_CHANGE_FAILED: Smart Zoning Policy Change Failed

Explanation Zone Server cannot distribute smart zoning policy change.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zone-set 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_BY_NAME_FAILED: Stage activate zone-set 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_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 zone-set 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_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zone-set 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_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.

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.

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_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_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_DB_OPERATION_FAILED: Database operation error: [chars]

Explanation Database operation is failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_DDAS_TABLE_CLEANUP_DUPLICATE_ENTRIES: Zone Device-alias table cleanup failed. Please try again. Do not initiate any Zone configuration commands until this command is successful.

Explanation Zone device-alias table cleanup failed due to error: [chars]

Recommended Action Please try again. Do not initiate any zone configuration command until this command is successful.

Error Message ZONE-2-ZS_DDAS_TABLE_CLEANUP_DUPLICATE_ENTRIES: Zone Device-alias table cleanup failed. Please try again. Do not initiate any Zone configuration commands until this command is successful.

Explanation Zone device-alias table cleanup failed due to error: [chars]

Recommended Action Please try again. Do not initiate any zone configuration command until this command is successful.

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_EXPORT_IMPORT_FAILED: [chars] operation failed

Explanation [chars](Export/Import) operation failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_FC2_DB_SIZE_LIMIT_EXCEEDED: [chars] Zone database size [dec] bytes exceeded maximum limit of [dec] bytes

Explanation Zone database size exceeded : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_FC2_DB_SIZE_LIMIT_EXCEEDED: [chars] Zone database size [dec] bytes exceeded maximum limit of [dec] bytes

Explanation Zone database size exceeded : [chars].

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_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_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.

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.

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_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_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_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_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_HARD_LIMIT_EXCEEDED: Maximum configurable unique zone member limit of [dec] reached. Creation of any more zone members is not supported

Explanation The number of members configured has exceeded the maximum number of members: [dec] 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_MEMBER_HARD_LIMIT_EXCEEDED: Maximum configurable unique zone member limit of [dec] reached. Creation of any more zone members is not supported

Explanation The number of members configured has exceeded the maximum number of members: [dec] 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_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_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.

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.

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_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_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_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_MGMT_SEC_SDB_ERR: [chars] : [chars]

Explanation FC CT Mgmt Security shared db operation : [chars] : [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 ZONE-2-ZS_MGMT_SEC_SDB_ERR: [chars] : [chars]

Explanation FC CT Mgmt Security shared db operation : [chars] : [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 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_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_NO_RSCN_ON_SW_CARD: Devices on Module [dec] will not be receiving RSCN as [chars]

Explanation Devices on Module [dec] will not be receiving RSCN as [chars].

Recommended Action Enable Zone Based RSCN

Error Message ZONE-2-ZS_NO_RSCN_ON_SW_CARD: Devices on Module [dec] will not be receiving RSCN as [chars]

Explanation Devices on Module [dec] will not be receiving RSCN as [chars].

Recommended Action Enable Zone Based RSCN

Error Message ZONE-2-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-2-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-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_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.

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.

Error Message ZONE-2-ZS_SHARED_DB_INIT_FAILED: [chars]

Explanation Zone Server shared DB initialization failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_SHARED_DB_INIT_FAILED: [chars]

Explanation Zone Server shared DB initialization failed : [chars].

Recommended Action No action is required.

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_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_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_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_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_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.

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.

Error Message ZONE-2-ZS_ZONE_BASED_RSCN_DISABLED: Zone based RSCN Generation has been Disabled. Devices on non ISOLA line cards will not be receiving RSCN

Explanation Devices on one or more line cards will not be receiving RSCN as RSCN generation by zone has been disabled on this switch

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_BASED_RSCN_DISABLED: Zone based RSCN Generation has been Disabled. Devices on non ISOLA line cards will not be receiving RSCN

Explanation Devices on one or more line cards will not be receiving RSCN as RSCN generation by zone has been disabled on this switch

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_HARD_LIMIT_EXCEEDED: Maximum configurable zone limit of [dec] reached. Creation of any more zones is not supported

Explanation The number of zones configured has exceeded the maximum number of zones: [dec] 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_HARD_LIMIT_EXCEEDED: Maximum configurable zone limit of [dec] reached. Creation of any more zones is not supported

Explanation The number of zones configured has exceeded the maximum number of zones: [dec] 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_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_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_ACTIVATED: Zoneset [chars] activated

Explanation Zoneset [chars] activated.

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated

Explanation Zoneset [chars] activated.

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated

Explanation Zoneset deactivated.

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated

Explanation Zoneset deactivated.

Recommended Action No action is required.

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.

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.

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.

Error Message ZONE-3-ZS_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation Mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

Recommended Action No action is required.

Error Message ZONE-3-ZS_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation Mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

Recommended Action No action is required.

Error Message ZONE-3-ZS_SMART_ZONING_AUTO_CONVERSION_FAILED: Smart Zoning auto conversion failed for [chars]. Error: [chars]

Explanation Smart Zoning auto conversion has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message ZONE-3-ZS_SMART_ZONING_AUTO_CONVERSION_FAILED: Smart Zoning auto conversion failed for [chars]. Error: [chars]

Explanation Smart Zoning auto conversion has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message ZONE-3-ZS_SMART_ZONING_CLEAR_SMART_ZONING_CONFIG_FAILED: Clearing Smart Zoning config failed for [chars]. Error: [chars]

Explanation Clearing Smart Zoning config has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message ZONE-3-ZS_SMART_ZONING_CLEAR_SMART_ZONING_CONFIG_FAILED: Clearing Smart Zoning config failed for [chars]. Error: [chars]

Explanation Clearing Smart Zoning config has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

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.

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_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_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_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_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_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

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

Error Message ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwn: [chars] is not a valid zone/alias member virtual name: [chars] pwn: [chars]

Explanation Virtual device fwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwn: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwn: [chars] is not a valid zone/alias member virtual name: [chars] pwn: [chars]

Explanation Virtual device fwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwn: [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_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 SYSLOGDOC_LICENSE_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 SYSLOGDOC_LICENSE_REQUIRED

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_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_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.

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.

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_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_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.

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_EXPORT_IMPORT_COMPLETE: [chars] operation completed

Explanation [chars](Export/Import) operation completed.

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.

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_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.

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.

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_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_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

Error Message ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]

Explanation Invalid member type [dec] [chars] recieved from the API call.

Recommended Action

Error Message ZONE-6-ZS_MGMT_SERVER_REQ: ZS received FC CT Mgmt Server [chars] Command code [hex], from FCID [hex].

Explanation FC CT request has been received from Managment Server. It is [chars]. Command code [hex], from FCId [hex]

Recommended Action No action is required.

Error Message ZONE-6-ZS_MGMT_SERVER_REQ: ZS received FC CT Mgmt Server [chars] Command code [hex], from FCID [hex].

Explanation FC CT request has been received from Managment Server. It is [chars]. Command code [hex], from FCId [hex]

Recommended Action No action is required.

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.

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.

_DNLD NAT_DNLD Messages

This section contains the _DNLD NAT_DNLD messages.

_DNLD NAT_DNLD-2

Error Message _DNLD NAT_DNLD-2-HW_PROG_FAILED: Hardware programming for NAT failed: [chars] ([dec])

Explanation NAT software encountered an error while programming the hardware to do NAT translation

Recommended Action No action is required.

Error Message `_DNLD NAT_DNLD-2-TEST_ERROR: [chars] :[hex]`

Explanation NAT testing error:[string] and error: [hex]

Recommended Action No action is required.

_DNLD NAT_DNLD-5

Error Message `_DNLD NAT_DNLD-5-NAT_LOG_DISABLED: [chars] license not installed or expired`

Explanation NAT needs license to run

Recommended Action No action is required.

Error Message `_DNLD NAT_DNLD-5-NAT_LOG_ENABLED: [chars] license installed`

Explanation NAT needs license to run

Recommended Action No action is required.

_KLM KLM_VIP_CPU Messages

This section contains the `_KLM KLM_VIP_CPU` messages.

_KLM KLM_VIP_CPU-6

Error Message `_KLM KLM_VIP_CPU-6-VIP_CPU_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

_SERVER CRDCFG_SERVER Messages

This section contains the `_SERVER CRDCFG_SERVER` messages.

_SERVER CRDCFG_SERVER-2

Error Message `_SERVER CRDCFG_SERVER-2-CRDCFG_SRV_CRIT: [chars]`

Explanation CardConfig CRITICAL 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.

_SERVER CRDCFG_SERVER-3

Error Message `_SERVER CRDCFG_SERVER-3-CRDCFG_ERR: [chars]`

Explanation CardConfig 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 `_SERVER CRDCFG_SERVER-3-CRDCFG_MSG: [chars]`

Explanation CardConfig log 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 `_SERVER CRDCFG_SERVER-3-CRDCFG_SRV_ERR: [chars]`

Explanation CardConfigServer 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 `_SERVER CRDCFG_SERVER-3-CRDCFG_SRV_MSG: [chars]`

Explanation CardConfigServer log 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.

_SERVER CRDCFG_SERVER-SLOT#-2

Error Message `_SERVER CRDCFG_SERVER-SLOT#-2-CONFIG_ERR: [chars]`

Explanation CardConfig Failed to find matching cardid, pnum in database

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

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*.

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the *What's New in Cisco Product Documentation* RSS feed. The RSS feeds are a free service.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

Copyright ©2019, Cisco Systems, Inc.

All rights reserved. Printed in USA.