INDEX

A

abbreviations
description (table) 1-8
Accelerated Flow Logging Security messages
See AFLSEC messages
ACE messages 2-1 to 2-2
acronyms, list of A-1
AFLSEC messages 2-3
Allegro Crypto Engine messages
See ACE messages
Any Transport over MPLS messages for WAN Optical Services Modules
See CWTLC_ATOM messages
AP messages 2-3 to 2-5
ATM Shared Port Adapter messages
See ATMSPA messages
ATMSPA messages 2-6 to 2-9
audience i-xvii
Authentication Proxy messages
See AP messages
Auto-Running Configuration Synchronization messages
See RUNCFGSYNC messages

B

BGP messages 2-9
Border Gateway Protocol messages
See BGP messages

C

C6K_MPLS_COMMON messages 2-10 to 2-11
C6K_MPLS_LC messages 2-11 to 2-12
C6K_MPLS_RP messages 2-12 to 2-13
C6K_PLATFORM messages 2-14 to 2-16
C6K_POWER messages 2-16
C6K_PROCMIB messages 2-17 to 2-18
C6K_WAN_C2W messages 2-18 to 2-19
C6KENV messages 2-19 to 2-22
C6KPWR messages 2-24 to 2-26
C7600_SIP200_MP messages 2-27 to 2-29
C7600_SIP200_SPIRX messages 2-29 to 2-31
C7600_SIP200_SPITX messages 2-31 to 2-40
C7600_SIP200 messages 2-27
C7600_SSC400 messages 2-41 to 2-43
C7600_SSC600 messages 2-44 to 2-47
CAMP messages 2-47
CAPI_EC messages 2-49 to 2-50
CAPI messages 2-48 to 2-49
Card/EtherChannel limitation messages
See CAPI_EC messages
card application program interface messages
See CAPI messages
CARDMGR messages 2-50 to 2-53
CBUS messages 2-53
central processing unit messages
See R4K_MP messages
CHARLOTTE messages 2-53 to 2-54
chars/char, variable field 1-8
checkpointing messages
See CHKPT messages
CHKPT messages 2-55 to 2-56
Cisco Bus Controller messages
See CBUS messages
common channelized Shared Port Adapter messages

See SPA_CHOC_DSX messages
CONST_DIAG messages 2-56 to 2-64
CONST_V6 messages 2-64
Content Services Gateway messages
See CSG messages
Cooperative Asymmetric Multiprocessing messages
See CAMP messages
Core Feature Manager messages
See FMCORE messages
CPU_MONITOR messages 2-65
CSG messages 2-65
CWAN_ATM messages 2-66 to 2-67
CWAN_CHOC_DSX messages 2-68
CWAN_HA messages 2-68 to 2-72
CWAN_QINQ messages 2-74
CWAN_RP messages 2-75 to 2-81
CWAN_SP messages 2-81
CWANLC_ATM messages 2-74
CWANLC messages 2-72 to 2-73
CWPA messages 2-82 to 2-83
CWRPSPA messages 2-83 to 2-84
CWSLC messages 2-84 to 2-85
CWTLC_ATOM messages 2-95
CWTLC_CHOC messages 2-95
CWTLC_CHOCX messages 2-96
CWTLC_GEWAN messages 2-96 to 2-98
CWTLC_RP messages 2-98 to 2-99
CWTLC messages 2-86 to 2-94
Cyclops Channelized OC48/OC12 messages
See CWTLC_CHOC messages

D

DATACORRUPTION messages 2-99
data corruption messages
See DATACORRUPTION messages
data link messages
See LINK messages
date/time stamp designations
note 2-1
dec, variable field 1-8
DHCP_SNOOPING messages 2-99
DIAG messages 2-101 to 2-103
documentation
conventions i-xviii
organization i-xvii
DOT1X messages 2-104
download processor messages
See ONLINE messages
Dual OC-3 PoS port adapter messages
See CHARLOTTE messages
Dynamic Host Configuration Protocol Snooping messages
See DHCP_SNOOPING messages

E

EAP messages 2-104 to 2-105
EARL_ACL_FPGA messages 2-108 to 2-109
EARL_DRV_API messages 2-110 to 2-111
EARL_L2_ASIC messages 2-111 to 2-115
EARL_L3_ASIC messages 2-116 to 2-117
EARL_NETFLOW messages 2-118 to 2-121
EARL messages 2-105 to 2-108
EC messages 2-121
Embedded Event Manager messages
See HA_EM messages
EM messages 2-122 to 2-124
Enhanced Address Recognition Logic 6 Feature Manager messages
See FM_EARL6 messages
Enhanced Address Recognition Logic 7 Feature Manager messages
See FM_EARL7 messages
Enhanced Address Recognition Logic ACL field-programmable gate array messages
See EARL_ACL_FPGA messages
Enhanced Address Recognition Logic Driver API messages
See EARL_DRV_API messages

Enhanced Address Recognition Logic Layer 2 ASIC messages
See EARL_L2_ASIC messages
Enhanced Address Recognition Logic Layer 3 ASIC messages
See EARL_L3_ASIC messages
Enhanced Address Recognition Logic messages
See EARL messages
Enhanced Address Recognition Logic NetFlow messages
See EARL_NETFLOW messages
ENT_API messages 2-124
Entity MIB API messages
See ENT_API messages
environmental messages
See C6KENV messages
environmental monitoring messages
See ENVM messages
ENVM messages 2-124 to 2-125
EOBC messages 2-126
Eos ASIC messages
See EOS messages
EOS messages 2-127 to 2-129
EOU messages 2-130 to 2-133
EPLD_STATUS_OPEN messages 2-133 to 2-135
EPLD programming status file data processing messages
See EPLD_STATUS_OPEN messages
ESF Network Processor Client Mapper messages
See IXP_MAP messages
Ethernet out-of-band channel messages
See EOBC messages
Event Manager messages
See EM messages
Extensible Authentication Protocol messages
See EAP messages
Extensible Authentication Protocol over UDP messages
See EOU messages

F

FABRIC messages 2-135
fabric messages
See FABRIC messages
facility codes
description 1-1
table 1-1
Feature Manager messages
See FM messages
FIB messages 2-135 to 2-136
FILESYS Messages 2-136
Flexible Packet Matching messages
See FPM messages
FM_EARL6 messages 2-140 to 2-141
FM_EARL7 messages 2-141 to 2-144
FMCORE messages 2-140
FM messages 2-137 to 2-138
forwarding information base messages
See FIB messages
FPM messages 2-145
FTTM messages 2-145
Full Ternary TCAM Manager messages
See FTTM messages

G

general platform messages
See C6K_PLATFORM messages
Gigabit Ethernet WAN module messages
See CWTLC_GEWAN messages

H

HA_EM messages 2-146
hex, variable field 1-8
HYPERION ASIC messages 2-146 to 2-148

I

IDBMAN messages 2-148
IEEE 802.1X messages
See DOT1X messages
int, variable field 1-8
Interface Descriptor Block Manager messages
See IDBMAN messages
InterProcessor Communication messages
See IPC messages
IP_DEVICE_TRACKING messages 2-149
IP_VRF messages 2-153 to 2-154
IPC messages 2-149 to 2-150
IPFAST messages 2-150 to 2-152
IP fast-switching messages
See IPFAST messages
IPNAT messages 2-152
IP Network Address Translation messages
See IPNAT messages
IPV6 messages 2-153
IP version 6 messages
See CONST_V6 messages
See IPV6 messages
IP VPN routing/forwarding instance common error messages
See IP_VRF
IXP_MAP messages 2-155

K

KEYMAN messages 2-155
key string encryption messages
See KEYMAN messages

L

L2_AGING messages 2-156
L2_APPL messages 2-157 to 2-158
L2 messages 2-156
L3MM messages 2-158 to 2-161
LAN Multiprotocol Label Switching messages
See C6K_MPLS_RP messages
Layer 2 aging messages
See L2_AGING messages
Layer 2 application messages
See L2_APPL messages
Layer 2 messages
See L2 messages
Layer 2 Multicast log messages
See MCAST messages
Layer 3 Mobility Manager messages
See L3MM messages
LINK messages 2-162

M

MAC_LIMIT messages 2-162 to 2-164
MAC_MOVE messages 2-164
MAC FIFO controller messages
See SBFIFO messages
MAC limit feature messages
See MAC_LIMIT messages
MAC move notification feature messages
See MAC_MOVE messages
MCAST MCQ messages 2-166
MCAST messages 2-165 to 2-166
MDT messages 2-166
messages
example 1-8
facility codes 1-1
message-texts 1-7
mnemonic codes 1-7
severity levels 1-7
structure 1-1
message-texts
description 1-7
MFIB_CONST_RP messages 2-167
Mistral ASIC messages

See MISTRAL messages

MISTRAL messages 2-168

MLS_ACL_COMMON messages 2-168 to 2-169

MLS_RATE messages 2-174 to 2-175

MLS_STAT messages 2-176

MLSCEF messages 2-170 to 2-172

MLSM messages 2-173 to 2-174

MMLS_RATE messages 2-179

MMLS messages 2-177 to 2-179

mnemonic codes

description 1-7

MRIB_PROXY messages 2-179 to 2-180

MROUTE messages 2-180

MSFC2 messages 2-180

Multicast Distribution Tree

See MDT messages

Multicast Forwarding Information Base route processor

See MFIB_CONST_RP messages

Multicast Modular Quality of Service Command-Line Interface

See MCAST MCQ messages

Multicast Multilayer Switching messages

See MMLS messages

Multicast Multilayer Switching Rate Limiting messages

See MMLS_RATE messages

Multicast Route messages

See MROUTE messages

Multicast Routing Information Base proxy messages

See MRIB_PROXY messages

Multilayer Switch Feature Card 2 messages

See MSFC2 messages

Multilayer Switching ACL messages

See MLS_ACL_COMMON messages

Multilayer Switching Cisco Express Forwarding messages

See MLSCEF messages

Multilayer Switching for Multicast messages

See MLSM messages

Multilayer Switching Rate Limit messages

See MLS_RATE messages

Multilayer Switching Statistics messages

See MLS_STAT messages

Multiprotocol Label Switching common LAN and WAN messages

See C6K_MPLS_COMMON messages

Multiprotocol Label Switching switch processor or module messages

See C6K_MPLS_LC messages

N

NBAR messages 2-181

NETFLOW_AGGREGATION messages 2-182

NETWORK_RF_API messages 2-182 to 2-183

network-based application recognition messages

See NBAR messages

network redundancy feature API messages

See NETWORK_RF_API messages

num, variable field 1-8

O

OIR messages 2-183 to 2-187

Online Diagnostics messages

See CONST_DIAG messages

See DIAG messages

online insertion and removal messages

See OIR messages

ONLINE messages 2-187

Open Shortest Path First messages

See OSPF messages

operating system messages

See SYS messages

Optical Services Module (OSM) Channelized OC12/OC3 module messages

See CWTLC_CHOCX messages

Optical Services Module distributed multilink messages

See OSM_MULTILINK messages

Optical Transceiver Diagnostic Monitoring messages

See SFF8472 messages
OSM_MULTILINK messages 2-188 to 2-191
OSPF messages 2-191

P

Packet over SONET line card messages
See POSLC messages
PBI_OPEN messages 2-191 to 2-192
PF_ASIC messages 2-192
PFINIT messages 2-193
PFREDUN messages 2-194 to 2-197
PIMSN messages 2-197
PISAL2M messages 2-202 to 2-204
PISA Layer 2 Module messages
See PISAL2M messages
PISA messages 2-198 to 2-200
platform initialization messages
See PFINIT messages
platform redundancy messages
See PFREDUN messages
PM_SCP messages 2-205 to 2-206
PM messages 2-204
port adpater module messages
See CWPA messages
Port Aggregation Protocol, Link Aggregation Control Protocol shim, and EtherChannel messages
See EC messages
port manager messages
See PM messages
port manager Switch-Module Configuration Protocol messages
See PM_SCP messages
POSLC messages 2-206 to 2-207
power messages
See C6K_POWER messages
See C6KPWR messages
Process MIB SP CPU messages
See C6K_PROCMIB messages
programmable binary file data processing messages
See PBI_OPEN messages
protocol filtering ASIC messages
See PF_ASIC messages
Protocol Independent Multicast Snooping messages
See PIMSN messages
Protocol Intelligent Services Accelerator messages
See PISA messages

Q

QM messages 2-207 to 2-209
Quality of Service Management messages
See QM messages

R

R4K_MP messages 2-209
redundancy feature messages
See RF messages
REGISTRY messages 2-210
related documentation i-xvii
Remote Procedure Call messages
See RPC messages
Reverse Path Forwarding messages
See RPF messages
RF messages 2-211 to 2-212
Route Processor Multilink Point-to-Point Protocol messages
See RP_MLP messages
RP_MLP messages 2-214
RPC messages 2-212
RPF messages 2-213
RUNCFGSYNC messages 2-214

S

SBFIFO messages 2-215 to 2-218
SCP messages 2-218 to 2-219

searching for system messages
in Error Message Decoder 1-8
in online documentation 1-8
service line card messages
See SVCLC messages
Services SPA Carrier Card messages
See C7600_SSC600 messages
severity levels
description 1-7
table 1-7
SFF8472 messages 2-220 to 2-221
Shared Port Adapater messages on OSR RP
See CWRPSPA messages
short message service center RP messages
See SMSC_RP messages
SIBYTE_ION messages 2-221
Sibyte Ion
See SIBYTE_ION messages
Simple Network Management Protocol messages
See SNMP messages
SIP 200 Multiprocessing messages
See C7600_SIP200_MP messages
SIP 200 SPI4.2 bus egress interface messages
See C7600_SIP200_SPITX messages
SIP 200 SPI4.2 bus ingress interface messages
See C7600_SIP200_SPIRX messages
SIP 400 Card Manager (data plane) messages
See CARDMGR messages
SIP400 messages 2-222 to 2-223
SIP600_PARSING_ENGINE messages 2-231 to 2-232
SIP600_QOS messages 2-233 to 2-237
SIP600 messages 2-223 to 2-230
SIPSPA messages 2-237
SMSC_RP messages 2-238 to 2-239
SNMP messages 2-239
SPA_CHOC_DSX messages 2-240
SPA_T3E3 messages 2-240
SPA Interface Processor 200
See C7600_SIP200 messages
SPA Interface Processor 400 messages
See SIP400 messages
SPA Interface Processor 600 messages
See SIP600 messages
SPA Interface Processor 600 parsing engine messages
See SIP600_PARSING_ENGINE messages
SPA Interface Processor 600 quality of service messages
SIP600_QOS messages
SPA messages on GSR line cards
See SIPSPA messages
SPAN messages 2-241 to 2-242
Spanning Tree messages
See SPANTREE messages
SPANTREE messages 2-242 to 2-243
Split VLAN Manager messages
See SPLITVLANM messages
SPLITVLANM messages 2-243 to 2-245
SSA messages 2-245 to 2-246
SSP messages 2-247 to 2-249
Standard Test and Programming Language messages
See STAPL messages
STAPL messages 2-249 to 2-250
State Synchronization Protocol Manager messages
See SSP messages
Super Santa Ana ASIC messages
See SSA messages
SVCLC messages 2-250
SW_VLAN messages 2-251 to 2-252
Switched Port Analyzer messages
See SPAN messages
Switch IP Host Tracking HA messages
See IP_DEVICE_TRACKING messages
Switch Module Configuration Protocol messages
See SCP messages
SYS_CONTROLLER messages 2-254 to 2-256
SYS messages 2-253 to 2-254
SYSMGR messages 2-257
system controller messages
See SYS_CONTROLLER messages

system manager messages
See SYSMGR messages

T

Tag Forwarding Information Base messages
See TFIB messages
TCP messages 2-257
terminology
special terms 1-9
TFIB messages 2-258
time-range messages
See TRANGE messages
time stamp designations
See date/time stamp designations
traceback reports 1-9
TRANGE messages 2-258
TRANSCEIVER messages 2-259
Transmission Control Protocol messages
See TCP messages

U

UNICAST_FLOOD messages 2-260
unicast flooding messages
See UNICAST_FLOOD messages
URL filtering messages
See URLF messages
URLF messages 2-260 to 2-262

V

VACL logging messages
See VSEC messages
variable fields
definition 1-8
table 1-8
Virtual Private Network Services Module messages
See VPNSM messages
VLAN manager messages
See SW_VLAN messages
VPN_HW messages 2-263 to 2-266
VPN Hardware Accelerator for IPSec messages
See VPN_HW messages
VPNSM crypto connection messages
See VPNSMIOS messages
VPNSMIOS messages 2-312 to 2-318
VPNSM messages 2-266 to 2-312
VSEC messages 2-318

W

WAN ATM messages
See CWANLC_ATM messages
WAN ATM port messages
See CWAN_ATM messages
WAN C2Wire messages
See C6K_WAN_C2W messages
WAN CHOC DSX LC Common messages
See CWAN_CHOC_DSX messages
WAN line card messages
See CWANLC messages
WAN module high availability messages
See CWAN_HA messages
WAN Optical Services Module messages
See CWTLC messages
WAN QinQ messages
See CWAN_QINQ messages
WAN route processor driver messages
See CWAN_RP messages
WAN SiByte Module messages
See CWSLC messages
WAN switch processor messages
See CWAN_SP messages
WAN Toaster-based line card route processor messages
See CWTLC_RP messages
WCCP messages 2-318

Web Cache Communication Protocol messages
See WCCP messages
wireless service module messages
See WiSM messages
WiSM messages 2-319