Abbreviations

A

ACE	access control entry
ACL	access control list
AFI	authority and format identifier
Agport	aggregation port
AMP	Active Monitor Present
APaRT	Automated Packet Recognition and Translation
ARP	Address Resolution Protocol

B

BEM	best effort method
BGP	Border Gateway Protocol
BPDU	bridge protocol data unit
BRF	bridge relay function
BSC	Bisync
BSTUN	Block Serial Tunnel
BUS	broadcast and unknown server
BVI	bridge-group virtual interface

C

CAM	content-addressable memory
CAR	committed access rate
CCA	circuit card assembly
CDP	Cisco Discovery Protocol
CEF	Cisco Express Forwarding
CHAP	Challenge Handshake Authentication Protocol
CIR	committed information rate
CLI	command-line interface
CLNS	Connection-Less Network Service
CMNS	Connection-Mode Network Service
COPS	Common Open Policy Server
COPS-DS	Common Open Policy Server Differentiated Services
CoS	class of service
CPLD	Complex Programmable Logic Device
CRC	cyclic redundancy check
CRF	concentrator relay function
CST	Common Spanning Tree

D

DAI	Dynamic ARP Inspection
DBL	Dynamic Buffer Limiting
DCC	Data Country Code
dCEF	distributed Cisco Express Forwarding
DDR	dial-on-demand routing
DE	discard eligibility

DEC   Digital Equipment Corporation

DFI   Domain-Specific Part Format Identifier

DFP   Dynamic Feedback Protocol

DISL   Dynamic Inter-Switch Link

DLC   Data Link Control

DLSw   Data Link Switching

DMP   data movement processor

DNS   Domain Name System

DoD   Department of Defense

DOS   denial of service

DRAM   dynamic RAM

DRiP   Dual Ring Protocol

DSAP   destination service access point

DSCP   differentiated services code point

DSPU   downstream SNA Physical Units

DTP   Dynamic Trunking Protocol

DTR   data terminal ready

DVMRP   Distance Vector Multicast Rotuing Protocol

DXI   data exchange interface

E

EAP   Extensible Authentication Protocol

EARL   Enhanced Address Recognition Logic

EEPROM   electrically erasable programmable read-only memory

EHSA   enhanced high system availability

EIA   Electronic Industries Association

ELAN   Emulated Local Area Network

EOBC   Ethernet out-of-band channel

ESI   end-system identifier

F

FECN   forward explicit congestion notification

FM   feature manager

FRU   field replaceable unit

FSM   feasible successor metrics

G

GARP   General Attribute Registration Protocol

GMRP   GARP Multicast Registration Protocol

GVRP   GARP VLAN Registration Protocol

I

ICC   Inter-card Communication

ICD   International Code Designator

ICMP   Internet Control Message Protocol

IDB   interface descriptor block

IDP   initial domain part or Internet Datagram Protocol

IDPROM   ID Programmable Read-Only Memory

IFS   IOS File System

IGMP   Internet Group Management Protocol

IGRP   Interior Gateway Routing Protocol

ILMI	Integrated Local Management Interface
IP	Internet Protocol
IPC	interprocessor communication
IPX	Internetwork Packet Exchange
IS-IS	Intermediate System-to-Intermediate System Intradomain Routing Protocol
ISL	Inter-Switch Link
ISO	International Organization of Standardization
ISR	Integrated SONET router
ISSU	In Service Software Upgrade

L

L2	Layer 2
L3	Layer 3
L4	Layer 4
LAN	local area network
LANE	LAN Emulation
LAPB	Link Access Procedure, Balanced
LDA	Local Director Acceleration
LCP	Link Control Protocol
LEC	LAN Emulation Client
LECS	LAN Emulation Configuration Server
LEM	link error monitor
LER	link error rate
LES	LAN Emulation Server
LLC	Logical Link Control
LTL	Local Target Logic

M

MAC	Media Access Control
MCL	Mismatched Command List
MD5	Message Digest 5
MET	Multicast Expansion Table
MFIB	Multicast Forwarding Information Base
MIB	Management Information Base
MII	media-independent interface
MLS	Multilayer Switching
MLSE	maintenance loop signaling entity
MOP	Maintenance Operation Protocol
MOTD	message-of-the-day
MRM	multicast routing monitor
MRQ	Multicast Replication Queue
MSDP	Multicast Source Discovery Protocol
MST	Multiple Spanning Tree
MTU	maximum transmission unit
MVAP	multiple VLAN access port

N

NBP	Name Binding Protocol
NCIA	Native Client Interface Architecture
NDE	NetFlow Data Export
NET	network entity title
NetBIOS	Network Basic Input/Output System
NFFC	NetFlow Feature Card

NMP	Network Management Processor
NSAP	network service access point
NTP	Network Time Protocol
NVRAM	nonvolatile RAM

O

OAM	Operation, Administration, and Maintenance
OSI	Open System Interconnection
OSPF	open shortest path first

P

PAE	port access entity
PAgP	Port Aggregation Protocol
PBD	packet buffer daughterboard
PC	Personal Computer (formerly PCMCIA)
PCM	pulse code modulation
PCR	peak cell rate
PDP	policy decision point
PDU	protocol data unit
PEM	Power Entry Module
PEP	policy enforcement point
PGM	Pragmatic General Multicast
PHY	physical sublayer
PIB	policy information base
PIM	Protocol Independent Multicast
PM	Port manager

PPP	Point-to-Point Protocol
PRC	Parser Return Code
PRID	Policy Rule Identifiers
PVLAN	Private VLAN
PVST+	Per VLAN Spanning Tree+

Q

QM	QoS manager
QoS	Quality of Service

R

RACL	Router Interface Access Control List
RADIUS	Remote Access Dial-In User Service
RAM	random-access memory
RCP	Remote Copy Protocol
RGMP	Router Group Management Protocol
RIF	Routing Information Field
RMON	Rmote Network Monitor
ROM	read-only memory
RP	route processor or rendezvous point
RPC	remote procedure call
RPF	reverse path forwarding
RPR	Router Processor Redundancy
RSPAN	remote SPAN
RST	reset

RSVP   ReSerVation Protocol

Rx   Receive

S

SAID   Security Association Identifier

SAP   service access point

SCM   service connection manager

SCP   Switch-Module Configuration Protocol

SDLC   Synchronous Data Link Control

SGBP   Stack Group Bidding Protocol

SIMM   single in-line memory module

SLB   server load balancing

SLCP   Supervisor Line-Card Processor

SLIP   Serial Line Internet Protocol

SMDS   Software Management and Delivery Systems

SMF   software MAC filter

SMP   Standby Monitor Present

SMRP   Simple Multicast Routing Protocol

SMT   Station Management

SNAP   Subnetwork Access Protocol

SNMP   Simple Network Management Protocol

SPAN   Switched Port Analyzer

SRB   source-route bridging

SRT   source-route transparent bridging

SSTP   Cisco Shared Spanning Tree

STP   Spanning Tree Protocol

SVC   switched virtual circuit

SVI   switched virtual interface

T

TACACS+   Terminal Access Controller Access Control System Plus

TARP   Target Identifier Address Resolution Protocol

TCAM   Ternary Content Addressable Memory

TCL   table contention level

TCP/IP   Transmission Control Protocol/Internet Protocol

TFTP   Trivial File Transfer Protocol

TIA   Telecommunications Industry Association

TLV   type-length-value

TopN   Utility that allows the user to analyze port traffic by reports

TOS   type of service

TrBRF   Token Ring Bridge Relay Function

TrCRF   Token Ring Concentrator Relay Function

TTL   Time To Live

TVX   valid transmission

Tx   Transmit

U

UDLD   UniDirectional Link Detection Protocol

UDP   User Datagram Protocol

UNI   User-Network Interface

UTC   Coordinated Universal Time

V

VACL	VLAN access control list
VCC	virtual channel circuit
VCD	virtual circuit descriptor
VCI	virtual circuit identifier
VCR	Virtual Configuration Register
VINES	Virtual Network System
VLAN	virtual LAN
VMPS	VLAN Membership Policy Server
VTP	VLAN Trunking Protocol
VVID	voice VLAN ID

W

WFQ	weighted fair queueing
WRED	weighted random early detection
WRR	weighted round-robin

X

XNS	Xerox Network System