



Acronyms

A

AAL	ATM adaptation layer
ACE	access control entry
ADM	add-drop multiplexer
AFI	Authority and Format Identifier
AMP	active monitor present
APaRT	automated packet recognition/translation
ARP	Address Resolution Protocol
ASP	ATM switch processor
ATM	Asynchronous Transfer Mode

B

BDPU	bridge protocol data unit
BRF	Bridge Relay Function
BUS	broadcast and unknown server

C

CAM	content-addressable memory
CAS	column address strobe
CBR	constant bit rate

CDDI	Copper Distributed Data Interface
CDP	Cisco Discovery Protocol
CGMP	Cisco Group Management Protocol
CLI	command-line interface
COPS	Common Open Policy Service
CoS	class of service
CRC	Cyclic Redundancy Check
CRF	Concentrator Relay Function

D

DCC	Data Country Code
DEC	Digital Equipment Corporation
DFI	domain-specific part format identifier
DHCP	Dynamic Host Configuration Protocol
DISL	dynamic inter-switch link
DMP	data movement processor
DNS	Domain Name System
DoD	Department of Defense
DRiP	Dual Ring Protocol
DSAP	destination service access point
DTP	Dynamic Trunking Protocol
DTR	dedicated Token Ring; data terminal ready

E

EARL	Enhanced Address Recognition Logic
ECMA	European Computer Manufacturers Association
EEPROM	electrically erasable programmable read-only memory
EIA	Electronic Industries Association

ELAN emulated local area network

ESI end-system identifier

F

FCS frame check sequence

FDDI Fiber Distributed Data Interface

FDX full duplex

FSSRP Fast Simple Server Redundancy Protocol

FTP foil twisted-pair

FTTH fiber to the home

G

GARP General Attribute Registration Protocol

GBIC Gigabit Interface Converter

GMRP GARP Multicast Registration Protocol

GSP Gigabit Switch Platform

GVRP GARP VLAN Registration Protocol

H

HDX half duplex

I

ICD International Code Designator

ICMP Internet Control Message Protocol

IDP Initial Domain Part

IGMP Internet Group Management Protocol

ILMI Integrated Local Management Interface

IMPL initial microprogram load

IP	Internet Protocol
IPC	interprocessor communication
IPX	Internetwork Packet Exchange
ISL	Inter-Switch Link
ISO	International Organization of Standardization

K

KDC	key distribution center
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L

LAN	local-area network
LANE	LAN Emulation
LAT	local-area transport
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

M

MAC	Media Access Control
MAP	Manufacturing Automation Protocol
MBS	maximum burst size
MCP	Master Communication Processor
MIB	Management Information Base
MII	media-independent interface

MLS	Multilayer Switching
MLSP	Multilayer Switching Protocol
MLS-RP	multilayer switching-route processor
MM	multi-mode
MOP	Maintenance Operation Protocol
MOTD	message-of-the-day
MPC	Multiprotocol over ATM client
MPOA	multiprotocol over ATM
MPS	multiprotocol over ATM server
MTU	maximum transmission unit

N

NAUN	nearest available upstream neighbor
NBMA	non-broadcast multi-access
NBS	non-bused spare
NDE	NetFlow Data Export
NFFC	NetFlow Feature Card
NFFC II	Enhanced NetFlow Feature Card
NFLS	NetFlow LAN Switching
NHC	Next Hop Client
NHRP	Next Hop Resolution Protocol
NHS	Next Hop Server
NMP	Network Management Processor
NNI	Network-Network Interface
NSAP	network service access point
NTP	Network Time Protocol
NVRAM	nonvolatile random-access memory

O

OAM	Operation, Administration, and Maintenance
OOB	out-of-band
OSI	Open System Interconnection
OTP	One-Time-Password

P

PAgP	Port Aggregation Protocol
PAM	port adapter module
PCM	pulse code modulation
PCMCIA	Personal Computer Memory Card International Association
PCR	peak cell rate
PDU	protocol data unit
PHY	physical sublayer
PIM	protocol independent multicast
PLCP	physical layer convergence procedure
PLIM	physical layer interface module
PPP	Point-to-Point Protocol
PVC	permanent virtual circuit (or permanent virtual connection in ATM terminology)

Q

QoS	quality of service
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R

RADIUS	Remote Authentication Dial-In User Service
RAS	row address strobe
RCD	RAS-to-CAS delay

RCP	remote copy protocol
RGMP	Router Group Management Protocol
RIF	routing information field
RMON	remote monitoring
ROM	read-only memory
RP	route processor
RSM	Route Switch Module
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S	
SAID	Security Association Identifier
SAMBA	synergy advanced multipurpose bus arbiter
SAP	service access point
SAR	segmentation and reassembly
SCP	Serial Control Protocol
SCR	sustainable cell rate
SDP	Session Description Protocol
SE	search engine
SLIP	Serial Line Internet Protocol
SM	single-mode
SMP	standby monitor present
SMT	station management
SNA	Systems Network Architecture
SNAP	Subnetwork Access Protocol
SNMP	Simple Network Management Protocol
SPAN	Switched Port Analyzer
SRB	source-route bridging
SRT	source-route transparent bridging
SSCOP	Service-Specific Connection Oriented Protocol

SSRP	Simple Server Redundancy Protocol
STP	1) Spanning Tree Protocol 2) shielded twisted-pair
STPX	Spanning Tree Protocol Extensions (MIB)
SVC	switched virtual circuit

T

TACACS+	Terminal Access Controller Access Control System Plus
TCP/IP	Transmission Control Protocol/Internet Protocol
TFTP	Trivial File Transfer Protocol
TGT	ticket granting ticket
TIA	Telecommunications Industry Association
TLV	type-length value
TOS	type of service
TrBRF	Token Ring Bridge Relay Function
TrCRF	Token Ring Concentrator Relay Function
TRT	token rotation timer
TTL	time to live
TTY	teletype

U

UART	universal asynchronous receiver/transmitter
UBR	unspecified bit rate
UDLD	Unidirectional Link Detection Protocol
UDP	User Datagram Protocol
UNI	User-Network Interface
UTC	Coordinated Universal Time

V

VBR	variable bit rate
VC	virtual circuit
VCC	virtual channel connection
VCD	Virtual Channel Descriptor
VCI	1) virtual channel identifier; 2) virtual connection identifier
VCR	Virtual Configuration Register
VLAN	virtual LAN
VMPS	VLAN Membership Policy Server
VPI	virtual path identifier
VQP	VLAN Query Protocol
VTP	VLAN Trunking Protocol

W

WRED	weighted random early detect
WRR	Weighted Round Robin

