



## Acronyms

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This appendix defines the acronyms used in this publication.

### A

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

### B

<b>BDPU</b>	Bridge Protocol Data Unit
<b>BRF</b>	Bridge Relay Function
<b>BUS</b>	broadcast and unknown server

**C**

<b>CAM</b>	content-addressable memory
<b>CAS</b>	column address strobe
<b>CBR</b>	constant bit rate
<b>CDDI</b>	Copper Data Distributed Interface
<b>CDP</b>	Cisco Discovery Protocol
<b>CGMP</b>	Cisco Group Management Protocol
<b>CIDR</b>	Classless InterDomain Routing
<b>CLI</b>	command-line interface
<b>COPS</b>	Common Open Policy Service
<b>CoS</b>	class of service
<b>CRC</b>	Cyclic Redundancy Check
<b>CRF</b>	Concentrator Relay Function

**D**

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

**E**

<b>EARL</b>	Enhanced Address Recognition Logic
<b>ECMA</b>	European Computer Manufacturers Association
<b>EEPROM</b>	electrically erasable programmable read-only memory
<b>EIA</b>	Electronic Industries Association
<b>ELAN</b>	emulated local area network
<b>ESI</b>	end-system identifier

**F**

<b>FCS</b>	frame check sequence
<b>FDDI</b>	Fiber Distributed Data Interface
<b>FDX</b>	full duplex
<b>FSSRP</b>	Fast Simple Server Redundancy Protocol
<b>FTP</b>	foil twisted-pair

**G**

<b>GARP</b>	General Attribute Registration Protocol
<b>GBIC</b>	Gigabit Interface Converter
<b>GMRP</b>	GARP Multicast Registration Protocol
<b>GSP</b>	Gigabit Switch Platform
<b>GVRP</b>	GARP VLAN Registration Protocol

**H**

<b>HDX</b>	half duplex
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**I**

<b>ICD</b>	International Code Designator
<b>ICMP</b>	Internet Control Message Protocol
<b>IDP</b>	Initial Domain Part
<b>IGMP</b>	Internet Group Management Protocol
<b>ILMI</b>	Integrated Local Management Interface
<b>IMPL</b>	initial microprogram load
<b>IP</b>	Internet Protocol
<b>IPC</b>	interprocessor communication
<b>IPX</b>	Internetwork Packet Exchange
<b>ISL</b>	Inter-Switch Link
<b>ISO</b>	International Organization of Standardization

**K**

<b>KDC</b>	Key Distribution Center
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**L**

<b>LAN</b>	local area network
<b>LANE</b>	LAN Emulation
<b>LAT</b>	local-area transport
<b>LCP</b>	Link Control Protocol
<b>LEC</b>	LAN Emulation Client
<b>LECS</b>	LAN Emulation Configuration Server
<b>LEM</b>	link error monitor
<b>LER</b>	link error rate
<b>LES</b>	LAN emulation server
<b>LLC</b>	logical link control

**M**

<b>MAC</b>	Media Access Control
<b>MAP</b>	Manufacturing Automation Protocol
<b>MBS</b>	maximum burst size
<b>MCP</b>	Master Communication Processor
<b>MIB</b>	Management Information Base
<b>MII</b>	media-independent interface
<b>MLS</b>	multilayer switching
<b>MLSP</b>	Multilayer Switching Protocol
<b>MLS-RP</b>	multilayer switching-route processor
<b>MM</b>	multi-mode
<b>MOP</b>	Maintenance Operation Protocol
<b>MOTD</b>	message-of-the-day
<b>MPC</b>	Multiprotocol over ATM client
<b>MPOA</b>	multiprotocol over ATM
<b>MPS</b>	multiprotocol over ATM server
<b>MTU</b>	maximum transmission unit

**N**

<b>NAS</b>	Network Access Server
<b>NAUN</b>	nearest available upstream neighbor
<b>NBMA</b>	non-broadcast multi-access
<b>NBS</b>	non-bused spare
<b>NDE</b>	NetFlow Data Export
<b>NFFC</b>	NetFlow Feature Card
<b>NFFC II</b>	Enhanced NetFlow Feature Card
<b>NFLS</b>	Netflow LAN Switching

<b>NFS</b>	network management system
<b>NHC</b>	Next Hop Client
<b>NHRP</b>	Next Hop Resolution Protocol
<b>NHS</b>	Next Hop Server
<b>NMP</b>	Network Management Processor
<b>NNI</b>	Network-Network Interface
<b>NSAP</b>	network service access point
<b>NTP</b>	Network Time Protocol
<b>NVRAM</b>	nonvolatile ram

## O

<b>OAM</b>	operation, administration, and maintenance
<b>OOB</b>	out-of-band
<b>OSI</b>	Open System Interconnection

## P

<b>PAgP</b>	Port Aggregation Protocol
<b>PAM</b>	port adapter module
<b>PCM</b>	pulse code modulation
<b>PCMCIA</b>	Personal Computer Memory Card International Association
<b>PCR</b>	peak cell rate
<b>PDP</b>	policy decision point
<b>PDU</b>	protocol data unit
<b>PEP</b>	policy enforcement point
<b>PHY</b>	physical sublayer
<b>PIM</b>	protocol independent multicast

<b>PLCP</b>	physical layer convergence procedure
<b>PLIM</b>	physical layer interface module
<b>PPP</b>	Point-to-Point Protocol
<b>PVC</b>	permanent virtual circuit (or permanent virtual connection in ATM terminology)

## **Q**

<b>QoS</b>	quality of service
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## **R**

<b>RADIUS</b>	Remote Authentication Dial-In User Service
<b>RARP</b>	Reverse Address Resolution Protocol
<b>RAS</b>	row address strobe
<b>RCD</b>	RAS-to-CAS delay
<b>RCP</b>	Remote Copy Protocol
<b>RGMP</b>	Router Group Management Protocol
<b>RIF</b>	routing information field
<b>RMON</b>	remote monitoring
<b>ROM</b>	random access memory
<b>RP</b>	route processor
<b>RSM</b>	Route Switch Module
<b>RSP</b>	Route Switch Processor

## **S**

<b>SAID</b>	Security Association Identifier
<b>SAMBA</b>	synergy advanced multipurpose bus arbiter

<b>SAP</b>	service access point
<b>SAR</b>	segmentation and reassembly
<b>SCP</b>	Serial Control Protocol
<b>SCR</b>	sustainable cell rate
<b>SDP</b>	Session Description Protocol
<b>SE</b>	search engine
<b>SLIP</b>	Serial Line Internet Protocol
<b>SM</b>	single-mode
<b>SMP</b>	standby monitor present
<b>SMT</b>	station management
<b>SNA</b>	System Network Architecture
<b>SNAP</b>	Subnetwork Access Protocol
<b>SNMP</b>	Simple Network Management Protocol
<b>SPAN</b>	Switched Port Analyzer
<b>SRB</b>	source-route bridging
<b>SRT</b>	source-route transparent bridging
<b>SSCOP</b>	Service-Specific Connection Oriented Protocol
<b>SSRP</b>	Simple Server Redundancy Protocol
<b>STP</b>	1) Spanning Tree Protocol 2) shielded twisted-pair
<b>STPX</b>	Spanning Tree Protocol Extensions (MIB)
<b>SVC</b>	switched virtual circuit

## T

<b>TACACS+</b>	Terminal Access Controller Access Control System Plus
<b>TCP/IP</b>	Transmission Control Protocol/Internet Protocol
<b>TFTP</b>	Trivial File Transfer Protocol
<b>TGT</b>	ticket granting ticket

<b>TIA</b>	Telecommunications Industry Association
<b>TLV</b>	type-length value
<b>TOS</b>	type of service
<b>TrBRF</b>	Token Ring Bridge Relay Function
<b>TrCRF</b>	Token Ring Concentrator Relay Function
<b>TRT</b>	token rotation timer
<b>TTL</b>	time to live
<b>TTY</b>	teletype

## **U**

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

## **V**

<b>VBR</b>	variable bit rate
<b>VC</b>	virtual circuit
<b>VCC</b>	virtual channel connection
<b>VCD</b>	virtual channel descriptor
<b>VCI</b>	virtual circuit identifier
<b>VCR</b>	virtual configuration register
<b>VLAN</b>	virtual LAN
<b>VMPS</b>	VLAN Membership Policy Server
<b>VPI</b>	virtual path identifier

**VQP** VLAN Query Protocol

**VTP** VLAN Trunk Protocol

## **W**

**WRED** Weighted Random Early Detect

**WRR** Weighted Round Robin