



APPENDIX A

A Acronyms

[Table A-1](#) defines the acronyms and abbreviations that are used in this publication.

Table A-1 **List of Acronyms**

Acronym	Expansion
AAA	authentication, authorization, and accounting
ACL	access control list
ACPI	Advanced Configuration and Power Interface
API	application program interface
ARP	Address Resolution Protocol
AS	Autonomous System
AUP	acceptable use policy
BA	Behavior Aggregate
BGP	Border Gateway Protocol
BIOS	basic input/output system
CAL	Content Abstraction Layer
CAR	Committed Access Rate
CD	Carrier Detect
CDE	Content Delivery Engine
CDNFS	CDS network file system; also prepositioned file system
CDS	Content Delivery System
CDSM	Content Delivery System Manager
CIFS	Common Internet File System
CLF	Common Log format
CLI	command-line interface
CLNS	Connectionless Network Service
CMS	Centralized Management System

Table A-1 *List of Acronyms (continued)*

Acronym	Expansion
CoS	class of service
CSNP	Complete Sequence Number PDU
CSS	Content Services Switch
CTE	chunked transfer encoding
DC	domain controller
DHCP	Dynamic Host Configuration Protocol
DHT	distributed hash table
DNS	Domain Name System
DSCP	differentiated services code point
DSL	Digital Subscriber Line
ECN	Explicit Congestion Notification
EBGP	External Border Gateway Protocol
EIM	employee Internet management
ESIS	End System to Intermediate System
EULA	end user license agreement
FEC	forward error correction
FQDN	fully qualified domain name
FTP	File Transfer Protocol
GMT	Greenwich Mean Time
GRE	generic routing encapsulation
GUI	graphical user interface
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol over Secure Socket Layer
IANA	Internet Assigned Numbers Authority
ICP	Internet Cache Protocol
ICAP	Internet Content Adaptation Protocol
ICMP	Internet Control Message Protocol
IDE	Integrated Drive Electronics
IFP	Internet Filtering Protocol
IIPC	Inter-process procedure
IPV6	Internet Protocol Version 6
IIS	Internet Information Services or Internet Information Server (Microsoft)
IMS	if-modified-since
IS-IS	Intermediate System-to-Intermediate System
ISO-IGRP	Intermediate System-to-Intermediate System Interior Gateway Routing Protocol

Table A-1 **List of Acronyms (continued)**

Acronym	Expansion
LDAP	Lightweight Directory Access Protocol
LCM	local/central management
LRU	least-recently-used
LSA	Link-state advertisement
LSDB	Link-state packet database
LSP	Link-state packet
MAC	Media Access Control
MIB	Management Information Base
MOTD	message-of-the-day
MPLS	Multiprotocol Label Switching
MSFC	Multilayer Switch Feature Card
MTU	maximum transmission unit
NACK	negative acknowledgement
NAS	network attached storage; network access server
NAT	Network Address Translation
NET	Network Entity Title
NFS	Network File System
NIC	Network Information Center
NNTP	Network News Transport Protocol
NSAP	network service access point
NSSA	not-so-stubby-area
NTP	Network Time Protocol
NTSC	National Television Systems Committee
NVRAM	nonvolatile random-access memory
OSPF	Open Shortest Path First
PAC	proxy autoconfiguration
PAL	Phase Alternating Line
PAWS	Protection Against Wrapped Sequence
PBR	policy-based routing
PDC	primary domain controller
PEM	Privacy Enhanced Mail
PFC	Policy Feature Card
PGM	Pragmatic General Multicast
PHB	Per Hop Behavior
PID	process identifier
PKCS	Public Key Cryptography Standards

Table A-1 **List of Acronyms (continued)**

Acronym	Expansion
PPP	Point-to-Point Protocol
QoS	Quality of Service
RADIUS	Remote Authentication Dial-In User Service
RBCP	Router Blade Configuration Protocol
RCP	Remote Copy Program
RIB	Routing Information Base
RPC	remote procedure call
RRM	Received Routing Message
RSA	Rivest, Shamir, Adelman
RSPF	OSPF reverse shortest path first
RSVP	Resource Reservation Protocol
RTP	Real-Time Transport Protocol
RTSP	Real-Time Streaming Protocol
SAN	Storage Area Network
SASL	Secure Authentication and Security Layer
SATA	Serial Advanced Technology Attachment
SCSI	Small Computer Systems Interface
SDP	Session Description Protocol
SE	Service Engine
SE-NM	Service Engine Network Module
SFTP	Secure File Transfer Protocol
SLA	service level agreement
SLIP	Serial Line Internet Protocol
SMART	Self Monitoring, Analysis, and Reporting Technology
SMB	Server Message Blocks (protocol)
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SPE	Synchronous Payload Envelope
SPF	Shortest Path First
SR	Service Router
SRAM	static random-access memory
SRHP	service routing host packet
SRM	Send Routing Message
SRP	Service Routing Protocol
SSH	Secure Shell
SSL	Secure Sockets Layer

Table A-1 *List of Acronyms (continued)*

Acronym	Expansion
SSN	Send Sequence Number
swfs	software file system
sysfs	system file system
syslog	system logging
TAC	Technical Assistance Center
TACACS+	Terminal Access Controller Access Control System Plus
TCP/IP	Transmission Control Protocol/Internet Protocol
TFTP	Trivial File Transfer Protocol
ToS	Type of Service
TPS	transactions per second
TTL	Time-to-Live
UDI	unique device identifier
UDP	User Datagram Protocol
UNC	uniform naming convention
UNS	unified name space
UTC	Coordinated Universal Time
VBR	variable bit rate
VOD	video on demand
W3C	World Wide Web Consortium
WFQ	Weighted Fair Queueing
WMS 9	Windows Media Services 9 Series
WMT	Windows Media Technologies
WRED	Weighted Random Early Detection
XML	Extensible Markup Language

