



## Acronyms

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The acronyms in this appendix apply to the Catalyst 8540 MSR, Catalyst 8510 MSR, and LightStream 1010. Table B-1 lists the acronyms used in this publication, along with their expansions.

*Table B-1 List of Acronyms*

Acronym	Definition
AAA	authentication, authorization, and accounting
AAL	ATM adaptation layer
ABR	available bit rate
ACK	acknowledge
AESA	ATM end system address
AIS	alarm indication signal
APS	automatic protection switching
AR	access rate
ARP	Address Resolution Protocol
ASP	ATM switch processor B
ATM ARP	ATM Address Resolution Protocol
AW	administrative weight
Bc	committed burst size
Be	excess burst size
BER	bit error rate
BERT	bit error rate test
BITS	Building Integrated Timing Supply
BOOTP	Bootstrap Protocol
BUS	broadcast and unknown server
CAC	connection admission control
CAS	channel associated signalling
CBR	constant bit rate
CCO	Cisco Connection Online
CDP	Cisco Distribution Protocol

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

Acronym	Definition
CDS3	channelized DS3
CDV	cell delay variation
CDVT	cell delay variation tolerance
CE1	channelized E1
CES	circuit emulation services
CES-IWF	circuit emulation services interworking function
CHAP	Challenge Handshake Authentication Protocol
CIR	committed information rate
Cisco IFS	Cisco IOS File System
CLI	command-line interface
CLP	cell loss priority
CLR	cell loss ration
CoS	class of service
CRC	cyclic redundancy check
CSR	campus switch router
CTC	common transmit clocking
CTD	cell transfer delay
CTT	Connection Traffic Table
CTTR	Connection Traffic Table row
CUG	closed user group
DACS	digital access and crossconnect system
DCC	Data Country Code
DIP	dual in-line package
DLCI	data-link connection identifier
EFCI	Explicit Forward Congestion Indication
EHSA	Enhanced High System Availability
EIGRP	Enhanced Interior Gateway Routing Protocol
ELAN	emulated LAN
EPD	early packet discard
ESI	end system identifier
FC-PCQ	feature card per-class queuing
FC-PFQ	feature card per-flow queuing
FDL	facility data link
FE	Fast Ethernet
FPGA	Field Programmable Gate Array
FTP	File Transfer Protocol

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

Acronym	Definition
GE	Gigabit Ethernet
ICD	International Code Designator
ICMP	International Control Message Protocol
ICP	IMA Control Protocol
ID	identifier
IE	information element
IISP	Interim Interswitch Signaling Protocol
ILMI	Integrated Local Management Interface
IMA	inverse multiplexing over ATM
InARP	Inverse ARP
IPX	Internet Packet Exchange
LANE	LAN emulation
LBO	line build-out
LCD	loss of cell delineation
LEC	LAN emulation client
LECS	LAN emulation configuration server
LES	LAN emulation server
LGN	logical group node
LIS	logical IP subnet
LMI	Local Management Interface
LOS	loss of signal
MaxCR	maximum cell rate
MBS	maximum burst size
MCR	minimum cell rate
MDL	maintenance data link
MMF	multimode fiber
MSR	multiservice switch router
MSRP	multiservice switch router processor
NCDP	Network Clock Distribution Protocol
NE	network element
NMS	network management system
NNI	Network-Network Interface
NSAP	network service access point
NTP	Network Time Protocol
NVRAM	nonvolatile random-access memory
OAM	operation, administration, and management

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

Acronym	Definition
OC	optical carrier
OSF	oversubscription factor
OSPF	Open Shortest Path First
OVC	output virtual circuit
PAP	Password Authentication Protocol
PCR	peak cell rate
PD	packet discard
PG	peer group
PGL	peer group leader
PIF	physical interface
PIM	Protocol Independent Multicast
PIR	peak information rate
PNNI	Private Network-Network Interface
PPP	Point-to-Point Protocol
PRS	primary reference source
PTSE	PNNI topology state element
PVC	permanent virtual channel
PVCL	permanent virtual channel link
PVP	permanent virtual path
PVPL	permanent virtual path link
QoS	quality of service
QSAAL	Q.2931 protocol over signalling ATM adaptation layer
RAIG	Resource Availability Information Groups
RCAC	Resource Call Admission Control
rcp	remote copy protocol
RDI	remote defect indication
RISC	reduced instruction set computing
RM	resource management
RMON	Remote Monitoring
RR	relative rate
RS	rate scheduler
SCR	sustainable cell rate
SDH	Synchronous Digital Hierarchy
SGCP	Simple Gateway Control Protocol
SIN	ships in the night
SNAP	Subnetwork Access Protocol

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

Acronym	Definition
SNMP	Simple Network Management Protocol
SONET	Synchronous Optical Network
SRTS	synchronous residual time stamp
SSRP	Simple Server Redundancy Protocol
STM	Synchronous Transfer Module
STS	Synchronous Transfer Signal
SVC	switched virtual channel
SVCC	switched virtual channel connection
SVPC	switched virtual path connection
TBR	tag bit rate
TDM	time-division multiplexer
TDP	Tag Distribution Protocol
TVC	tag virtual channel
UBR	unspecified bit rate
UBR+	unspecified bit rate plus
UDP	User Datagram Protocol
UNI	User-Network Interface
UPC	usage parameter control
UTP	unshielded twisted-pair
VBR	variable bit rate
VBR-NRT	variable bit rate non-real time
VBR-RT	variable bit rate real time
VC	virtual channel
VCC	virtual channel connection
VCI	virtual channel identifier
VCL	virtual channel link
VP	virtual path
VPCI	virtual path connection identifier
VPI	virtual path identifier
VPN	virtual private network
WK	well-known
WRR	weighted round-robin

