



June 2022 Revision A

Glossary of Acronyms

This glossary provides a quick reference to acronyms commonly used by Adtran.

A	E	I	M	Q	U
B	F	J	N	R	V
C	G	K	O	S	W
D	H	L	P	T	X, Y, Z

A

AAA	Authentication, Authorization, and Accounting
ACE	Access Control Entry
ACI-E	AccessIntegrator Ethernet
ACL	Access Control List
ACS	Auto-Configuration Server
ADSL	Asymmetric Digital Subscriber Line
Adtran	Advanced Transmission
AES	Advanced Encryption Standard
ALN	Adtran Learning Network
Altnet	Alternative Network Provider
AMS	Auto-Media Select
AOE	Advanced Operational Environment
AON	Active Optical Network
AOS	Adtran Operating System
AP	Access Point

A (Continued)

API	Application Programming Interface
APS	Automatic Protection Switching
ARP	Address Resolution Protocol
ASC	Adtran Support Community
ASE	Adtran Switch Engine
ASP	Adtran Sales Professional
ATM	Asynchronous Transfer Mode
ATSA	Adtran Technical Solutions Associate
ATSE	Adtran Technical Solutions Expert
ATSP	Adtran Technical Solutions Professional

B

BBA	Broadband Access
BBDLC	Broadband Digital Loop Carrier
BGP	Border Gateway Protocol
BNG	Broadband Network Gateway
BPON	Broadband Passive Optical Network
BSAP	Bluesocket Access Point
BSS	Business Support Systems

C

CAPS	Customer and Product Support
CAS	Channel Associated Signaling
CC	Continuity Check
CCM	Continuity Check Message
CDP	Cisco Discovery Protocol
CEBP	Communications-Enabled Business Processes
CLEC	Competitive Local Exchange Carrier

C (Continued)

CLI	Command Line Interface
CO	Central Office
CoA	Change of Authority
CODEC	Coder-Decoder
CoS	Class of Service
CoS ID	Class of Service Identifier
CP	Captive Portal
CPE	Customer Premises Equipment
CPEaaS	Customer Premises Equipment as a Service
CSP	Competitive Service Provider
CSR	Customer Service Representative
C-Tag	Customer VLAN Tag
CTI	Computer Telephone Integration
C-TPAT	Customs Trade Partners Against Terrorism
CWMP	CPE WAN Management Protocol
CXU	Configuration Switch Unit

D

DB	Database
DDMI	Digital Diagnostics Monitoring Interface
DDS	Digital Data Services
DEI	Drop Eligible Indicator
DES	Data Encryption Standard
DFS	Dynamic Frequency Selection
DHCP	Dynamic Host Configuration Protocol
DHCPv6	Dynamic Host Configuration Protocol version 6
DID	Direct Inward Dialing
DNS	Domain Naming System

D (Continued)

DOCSIS	Data-over-Cable Service Interface Specification
DOS	Denial of Service
DPL	Drop Precedence Level
DPoE	<i>DOCSIS</i> Provisioning of <i>EPON</i>
DS	Downstream
DS0	Digital Signal 0
DS1	Digital Signal 1
DSA	Digital Signature Algorithm
DSCP	Differentiated Services Code Point
DSL	Digital Subscriber Line
DSLAM	Digital Subscriber Line Access Multiplexer
DSU-DP	Data Service Unit Data Port
DVT	Design Verification Testing

E

ECE	<i>EVC</i> Control Entry
EEE	Energy Efficient Ethernet
EFM	Ethernet in the First Mile
ELPS	Ethernet Linear Protection Switching
EMF	Electro-Motive Force
EMS	Environmental Management System
EMS	Element Management System
EoCU	Ethernet over Copper
EoF	Ethernet over Fiber
EoTDM	Ethernet over <i>TDM</i>
EPON	Ethernet Passive Optical Networking
EPS	Ethernet Protection Switching
ERP	Enterprise Resource Planning

E (Continued)

ERPS	Ethernet Ring Protection Switching
ESD	Electro-Static Discharge
ESDS	Electro-Static Discharge Sensitive
EULA	End-User License Agreement
EVC	Ethernet Virtual Connection

F

FCC	Federal Communications Commission
FIB	Forwarding Information Base
FiOS	Fiber Optic Service
FPGA	Field-Programmable Gate Array
FTP	File Transfer Protocol
FTTB	Fiber-to-the-Building (or Basement)
FTTH	Fiber-to-the-Home
FTTN	Fiber-to-the-Node
FTTP	Fiber-to-the-Premises
FW	Firmware

G

GARP	Generic Attribute Registration Protocol
GEM port	<i>GPON</i> Encapsulation Method port
GPON	Gigabit Passive Optical Network
GUI	Graphical User Interface
GUID	Globally Unique Identifier
GVRP	<i>GARP VLAN</i> Registration Protocol

H

HDSL	High bit-rate Digital Subscriber Line
HDX	High Density Expansion
HFC	Hybrid Fiber Coax
HMIS	Hazardous Materials Identification System
HQoS	Hierarchical Quality of Service
HSDPA	High-Speed Downlink Packet Access
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol over Secure Socket Layer
HTU-R	<i>HDSL</i> Service Unit-Remote
HW	Hardware

I

IAD	Integrated Access Device
ICMP	Internet Control Message Protocol
IEEE	Institute for Electrical and Electronic Engineers
IGMP	Internet Group Management Protocol
ILEC	Incumbent Local Exchange Carrier
IMAP	Internet Message Access Protocol
IN	Internetworking
IoT	Internet of Things
IP	Internet Protocol
IPBG	<i>IP</i> Business Gateways
IPMC	<i>IP</i> Multicast
IPTV	Internet Protocol Television
IPv4	Internet Protocol version 4
IPv6	Internet Protocol version 6
ISDN	Integrated Services Digital Network

I (Continued)

ISO	International Standards Organization
ISP	Internet Service Provider
ISU	<i>ISDN</i> Service Unit
IVL	Independent <i>VLAN</i> Learning
IVR	Interactive Voice Response

J

JSON	JavaScript Object Notation
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K

KTS	Key Telephone Systems
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L

LACP	Link Aggregation Control Protocol
LAG	Link Aggregation Group
LAN	Local Area Network
LLC	Logical Link Control
LLDP	Link-Layer Discover Protocol
LLQI	Last Listener Query Interval
LoC	Loss of Connectivity
LoRaWAN	Long Range Wide Area Network
LTE	Line Terminating Equipment
LTV	Lifetime Value

M

MAC	Media Access Control
MAN	Metropolitan Area Network
MD5	Message Digest Algorithm 5
MDM	Mosaic Device Manager
MDU	Multiple Dwelling Unit
MEN	Metro Ethernet Network
MEP	Maintenance Entity Endpoint
MGCP	Media Gateway Control Protocol
MHA	Mosaic Home Analytics
MIBS	Management Information Base
MLD	Multicast Listener Discovery
MNI	Mosaic Network Insights
MOP	Method of Procedure
MOS	Mean Opinion Score
Mosaic CP	Mosaic Cloud Platform
MPLS	Multiple Protocol Label Switching
MPLS	Multiple Protocol Layer Switching
MRP	Multiple Registration Protocol
MSAP	Multi-Service Access and Aggregation Platform
MSO	Multi-Service Operator (cable company)
MSTP	Multiple Spanning Tree Protocol
MTOSI	Multi-Technology Operations Systems Interface
MTU	Maximum Transmission Units
MVR	Multicast VLAN Registration
MVRP	Multiple VLAN Registration Protocol

N

NAS	Network Access Server
NAT	Network Address Translation
NDM	Network Device Manager
NetBIOS	Network Basic Input/Output System
NFS	Network File System
NFV	Network Function Virtualization
NIM	Network Interface Module
NIS	Network Integration Services
NMS	Network Management System
NNI	Network-to-Network Interface
NOC	Network Operations Center
NQM	Network Quality Monitoring
NSP	National Service Provider
NTP	Network Time Protocol

O

OAM	Operation, Administration, and Maintenance
OCU-DP	Office Channel Unit Data Port
ODBC	Open Database Connectivity
ODN	Optical Distribution Network
OEM	Original Equipment Manufacturer
OID	Object Identifier
OLT	Optical Line Terminal
ONE	Optical Networking Edge
ONT	Optical Network Terminal
ONU	Optical Network Units
OP	Outside Plant

O (Continued)

OSA	Open Systems Architecture
OSI Model	Open Systems Interconnection Model
OSPF	Open Shortest Path First
OSS	Operations Support Systems
OTDR	Optical Time-Domain Reflectometer
OTT	Over the Top
OUI	Organizationally Unique Identifier

P

PBX	Private Branch Exchange
PCAP	Packet Capture
PCB	Printed Circuit Board
PCP	Priority Code Point
PD	Powered Device
PHY	Physical Layer Device
PoE	Power over Ethernet
PON	Passive Optical Network
POP3	Post Office Protocol Version 3
POST	Power On Self Test
POTS	Plain Old Telephone Service
PPP	Point-to-Point Protocol
PPPoE	Point-to-Point Protocol over Ethernet
PRI	Primary Rate Interface
PSFP	Per-Stream Filtering and Policing
PSTN	Public Switched Telephone Network
PTP	Precision Time Protocol

Q

QA	Quality Assurance
QCE	QoS Control Entry
QCL	QoS Control List
QL	Quality Level
QoS	Quality of Service
QuEST	Quality Excellence for Suppliers of Telecommunications

R

RADIUS	Remote Authentication Dial-In User Service
RARP	Reverse Address Resolution Protocol
RBOC	Regional Bell Operating Companies
RDI	Remote Deflect Indication
REST	Representational State Transfer
RF	Radio Frequency
RFoG	Radio Frequency over Glass
RG	Residential Gateway
RHEL	RedHat Enterprise Linux
RIB	Routing Information Base
RIP	Routing Information Protocol
RoHS	Restriction of Hazardous Substances
RPC	Remote Procedure Call
RPR	Resilient Packet Ring
RSTP	Rapid Spanning Tree Protocol
RT	Remote Terminal
RTO	Return to Operation
RTP	Real-time Transport Protocol
Rx	Receive

S

SaaS	Software as a Service
SBC	Session Border Controller
SDG	Service Delivery Gateway
SDH	Synchronous Digital Hierarchy
SDN	Software-Defined Networking
SDVT	System Design Verification Testing
SFP	Small Form Factor Pluggable
SFU	Single Family Unit
SHA	Secure Hash Algorithm
SHDSL	Single-pair High-speed Digital Subscriber Line
SIP	Session Initiation Protocol
SLA	Service-Level Agreement
SMB	Small- and Medium-sized Businesses
SMTP	Simple Mail Transfer Protocol
SNAP	Subnetwork Access Protocol
SNMP	Simple Network Management Protocol
SNTP	Simple Network Time Protocol
SOAP	Simple Object Access Protocol
SO-HO	Small Office/Home Office
SONET	Synchronous Optical Network
SPOC	Single Point of Contact
SR	Seamless Redundancy
SSH	Secure Shell
SSID	Service Set Identifier
SSL	Secure Socket Layer
SSM	Synchronization Status Message
SSO	Single Sign-On

S (Continued)

S-Tag	Service VLAN Tag
STB	Set-Top Box
STP	Spanning Tree Protocol
STUN	Session Traversal Utilities for NAT
SVL	Shared VLAN Learning
SW	Software
Sync	Synchronization

T

TACACS+	Terminal Access Controller Access Control System Plus
TAS	Time Aware Shaper
TBaaS	Testbeds as a Service
TCP	Transmission Control Protocol
TDM	Time Division Multiplexing
TELCO	Telephone Company
TFTP	Trivial File Transfer Protocol
TKIP	Temporary Key Integrity Protocol
TL9000	Telecommunications Leadership 9000
TLS	Transport Layer Security
TLV	Type Length Value
ToS	Type of Service
TSU	T1 Service Unit
TTL	Time to Live
TT-Loop	Traffic Test Loop
Tx	Transmit

U

UBE	Ultra Broadband Ethernet
UC	Unified Communications
UCAS	Unified Communications Appliance Solutions
UDLD	Unidirectional Link Detection
UDM	Universal Device Management
UDP	User Datagram Protocol
UI	User Interface
UNI	User-Network Interface
UPnP	Universal Plug-and-Play
URI	Uniform Resource Identifier
URL	Uniform Resource Locator
UX	User Experience

V

VDSL	Very high bit-rate Digital Subscriber Line
VLAN	Virtual Local Area Network
VM	Virtual Machine or Virtual Memory
VoATM	Voice over Asynchronous Transfer Mode
VoIP	Voice over Internet Protocol
VPN	Virtual Private Network
VQM	Voice Quality Monitoring
VRF Instance	Virtual Routing and Forwarding Instance
VRRP	Virtual Router Redundancy Protocol
vWLAN	Virtual Wireless LAN

W

WAN	Wide Area Network
WAP	Wireless Access Point
WDM	Wavelength Division Multiplexing
WEEE	Waste Electrical and Electronic Equipment
WEP	Wired Equivalent Privacy
Wi-Fi	Common terminology/industry term used to describe the IEEE 802.11 suite of protocols.
WLAN	Wireless Local Area Network
WME	Wireless Multimedia Extensions
WMF	Wireless Multicast Forwarding
WPA	WiFi Protected Access
WPA2	WiFi Protected Access version 2
WPA-PSK	WiFi Protected Access Pre-Shared Key
WPA-RADIUS	WiFi Protected Access RADIUS
WPS	WiFi Protected Setup
WRED	Weighted Random Early Detection
WTR	Wait to Restore

X, Y, Z

ZTQ	Zero-Term Query
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