Networking and Cisco Acronyms

Acronym	Definition
AAA	Authentication, Authorization, and Accounting
ABR	Available Bit Rate
ACE	Access Control Entry
ACL	Access Control List
AF	Assured Forwarding
AFI	Address Family Information
AH	Authentication Header
AMPS	Advanced Mobile Phone Service
ARP	Address Resolution Protocol
AS	Access Servers
AS	Autonomous System
ASIC	Application-Specific Integrated Circuit
ASN	Auxiliary Signal Network
ATM	Asynchronous Transfer Mode
Bc	Committed Burst
BECN	Backwards Explicit Congestion Notification
BGP	Border Gateway Protocol
CA	Certificate Authority
CAC	Call Admission Control
CAIDA	Cooperative Association for Internet Data Analysis
CAR	Committed Access Rate
CBAC	Context-Based Access Control
CBR	Constant Bit Rate
CBWFQ	Class Based Weighted Fair Queuing
CDMA	Code Division Multiple Access
CDN	Call Disconnect Notification
CDP	Cisco Discovery Protocol
CDPD	Cellular Digital Packet Data
CEF	Cisco Express Forwarding
CELP	Compressed Encoding for Linear Prediction
CEPT	Conference of European Posts and Telegraphs
CEs	Customer Edges
CET	Cisco Encryption Technology
CFB	Cipher Feed Back
CGMP	Cisco Group Membership Protocol
CHAP	Challenge Handshake Authentication Protocol
CIR	Committed Information Rate
CLI	Command Line Interface

CLID	Caller Line Identification
CLP	Cell Loss Priority
CLV	Code/Length/Value
CMPC	Cisco Multi-Path Channel
CoS	Class of Service
CQ	Custom Queuing
CRL	Certificate Revocation List
CRM	Cisco Resource Manager
C-RP	Candidate RP
cRTP	Compressed Real-Time Transport Protocol
CSA	Compression Service Adapter
CSIS	Cisco Secure Integrated Software
CV-WEB	CiscoView Web
DCAR	Distributed CAR
DCE	Data Communications Equipment
dCEF	Distributed Cisco Express Forwarding
DCIINS	Deploying Cisco IOS Intelligent Network Services
dcRTP	Distributed Compressed RTP
DDoS	Distributed Denial of Service
DDR	Dial-on-Demand Routing
DE	Discard Eligible
DES	Data Encryption Standard
DH	Diffie-Hellman algorithm
DHCP	Dynamic Host Configuration Protocol
DLCI	Data-Link Connection Identifier
DLR	Designated Local Retransmitter
DNIS	Dialed Number Identification Service
DNS	Domain Name System
DoS	Denial of Service
DR	Designated Router
DSBM	Designated Subnetwork Bandwidth Manager
DSCP	Differentiated Services Code Point
DSL	Digital Subscriber Line
DSS	Digital Signature Standard
DTE	Data Terminating Equipment
DTS	Distributed Traffic Shaping
DUN	Microsoft Dial-Up Networking
dWFQ	Distributed Weighted Fair Queuing
EDI	Electronic Data Interchange
EF	Expedited Forwarding
EIGRP	Enhanced Interior Gateway Routing Protocol
E-LSR	Edge Label Switch Router
ESP	Encapsulating Security Payload

ESP	Extended Services Processor
FA	Foreign Agent
FBWFQ	Flow-Based Weighted Fair Queuing
FECN	Forward Explicit Congestion Notification
FIFO	First-In, First-Out
FRED	Flow WRED
FRED	Flow Random Early Detection
FRF	Frame Relay Fragmentation
FRTS	Frame-Relay Traffic Shaping
FTP	File Transfer Protocol
GARP	Generic Attribute Registration Protocol
GGSN	GPRS Gateway Support Node
GMRP	GARP Multicast Registration Protocol
GPRS	General Packet Radio Service
GRE	Generic Routing Encapsulation
GSM	Global System for Mobile Communications
GSR	Gigabit Switch Router
GTS	Generic Traffic Shaping
GUI	Graphical User Interface
HA	Home Agent
HDLC	High-Level Data Link Control
HGW	Home Gateway
HMAC	Hash Message Authentication Code
HPR	High Performance Routing
HSCSD	High Speed Circuit Switched Data
IANA	Internet Assigned Numbers Authority
ICMP	Internet Control Message Protocol
IDS	Intrusion Detection System
IETF	Internet Engineering Task Force
IGMP	Internet Group Membership Protocol
IGP	Interior Gateway Protocol
IKE	Internet Key Exchange
IOS	Internetwork Operating System
IP	Internet Protocol
IPH	IP Header
IPM	Internetwork Performance Monitor
IPmc	IP Multicast
IPSec	IP Security
IPX	Internetwork Packet Exchange
IRDP	ICMP Router Discovery Protocol
IS	Integrated Software
ISA	Industry-Standard Architecture
ISDN	Integrated Service Digital Network

IS-IS	Intermediate System-to-Intermediate System
ISL	Inter-Switch Link
ISL/VLAN	Inter-Switch Link/Virtual LAN
ISP	Internet Service Provider
ITU	International Telecommunications Union (formerly known as CCITT)
Kerberos	Developing standard for authenticating network users. Kerberos offers two key benefits: it functions in a multivendor network, and it does not transmit passwords over the network
L2F	Layer 2 Forwarding
L2TP	Layer 2 Tunneling Protocol
LAC	L2TP Access Concentrator
LAPB	Link Access Procedure, Balanced
LC	Line Card
LDAP	Lightweight Directory Access Protocol
LDP	Label Distribution Protocol
LFI	Link Fragmentation and Interleaving
LFIB	Label Forwarding Information Base
LLC	Logical Link Control
LLQ	Low Latency Queuing
LMDS	Local Multipoint Distribution System
LNS	L2TP Network Server
LSAs	Link State Advertisements
LSC	Label Switch Controller
LSP	Label-Switched Path
LSR	Label Switching Router
LVC	Label Virtual Circuit
MAC	Media Access Control
MBGP	Multiprotocol BGP
MD5	Message Digest 5
MDA	Message-Digest Algorithm
MDSS	Multicast Distributed Switching Services
MIME	Multipurpose Internet Mail Extension
MIPS	MultiChannel Interface Processor
MLP	Multilink PPP
MLPPP	Multilink Point-to-Point Protocol
MLS	Multi-layer Switching
MLSP	Multilayer Switching Protocol
MMDS	Microwave Multipoint Distribution System
MMLPPP	Multichassis Multilink Point-to-Point Protocol
MMLS	Multicast MLS
MMLS-RP	Multicast MLS-Route Processor
MMLS-SE	Multicast MLS-Switch Engine
MN	Mobile Node
MPLS	MultiProtocol Label Switching

MPOA	MultiProtocol Over ATM
MPPC	Microsoft Point-to-Point Compression
MPPE	Microsoft Point-to-Point Encryption
MQC	Modular QoS CLI
MRIB	Multicast Routing Information Base
MRM	Multicast Routing Monitor
MSDP	Multicast Source Discovery Protocol
MTU	Maximum Transmission Unit
MUX	Multiplexing Device
NAKs	Negative Acknowledgments
NAS	Network Access Server
NAT	Network Address Translation
NBAR	Network-Based Application Recognition
NBMA	Nonbroadcast Multiaccess
NCF	NAK Confirmations
NFS	Network File System
NLRI	Network Layer Reachability Information
NPR	NetFlow Policy Routing
NRP	Node Route Processor
NTP	Network Time Protocol
OCCN	Outgoing Call Connected
OCRP	Outgoing Call RePly
ODR	On-Demand Routing
OSPF	Open Shortest Path First
OTP	One Time Passwords
PA	Port Adapter (7x00 series)
PAC	PPTP Access Concentrator
PAD	Packet Assembler/Disassembler
PAM	Port to Application Mapping
PAP	Password Authentication Protocol
PBR	Policy-Based Routing
PCS	Personal Communications Services
PDL	Packet Description Language
PDU	Protocol Data Unit
PEs	Provider Edges
PFS	Perfect Forward Secrecy
PGM	Pragmatic General Multicast
PIM	Protocol-Independent Multicast
PIM-DM	PIM Dense Mode
PIM-SM	PIM Sparse Mode
PKI	Public Key Infrastructure
PNS	PPTP Network Server
POP	Point of Presence

PPP	Point-to-Point Protocol
PPPoE	PPP over Ethernet
PPTP	Point-to-Point Tunneling Protocol
PQ	Priority Queuing
PSTN	Public Switched Telephone Network
PVC	Permanent Virtual Circuit or Connection
QDM	QoS Device Manager
QoS	Quality of Service
QPM	QoS Policy Manager
QPPB	QoS Policy Propagation with BGP feature
RADIUS	Remote Authentication Dial-In User Service
RD	Route Distinguisher
RDT	Real Data Transport
RED	Random Early Detection
RFCs	Request for Comments
RIB	Routing Information Base
RME	Resource Manager Essentials
RPC	Remote Procedure Call
RPF	Reverse Path Forwarding
RPs	Rendezvous Points
RSA	Rivest, Shamir and Adelman (Encryption standard creators)
RSP	Route Switch Processor
RSVP	Resource Reservation Protocol
RTCP	Real-Time Control Protocol
RTFM	Realtime Traffic Flow Measurement
RTP	Real-Time Protocol
RTR	Response Time Reporter
RTSP	Real-Time Streaming Protocol
SA	Security Association
SA	Source Active (message)
SAA	Service Assurance Agent
SADB	Security Association Database
SBM	Subnetwork Bandwidth Manager
SE	Switching Engine
SGSN	GPRS Serving Support Node
SHA	Secure Hash Algorithm
SLA	Service-Level Agreement
SLAM	Service Level Manager
SM	Sparse-Mode
SMDS	Switched Multimegabit Data Service
SMIL	Synchronized Multimedia Integration Language
SNA	Systems Network Architecture
SNMP	Simple Network Management Protocol

SP	Service Provider
SPDB	Security Parameter Databases
SPI	Security Parameter Index
SPMs	Source Path Messages
SPT	Shortest Path Tree
SQN	Sequence Number
SS7	System Signalling 7
SVC	Switched Virtual Circuit
TACACS+	Terminal Access Controller Access Control System Plus
TAPE	Telephony Applications Programming Interface
TCP	Transmission Control Protocol
TDM	Time-Division Multiplexing
TDMA	Time Division Multiple Access
TDP	Tag Distribution Protocol
TED	Tunnel Endpoint Discovery
TFIB	Tag Forwarding Information Base
TFTP	Trivial File Transfer Protocol
TIB	Tag Information Base
TLV	Type/Length/Values
TMS	Traffic Matrix Statistics
ToS	Type of Service
TR	Test Receiver
TS	Test Source/Sender
TSC	Tag Switch Controller
TSI	Transport Session Identifier
TSP	Tag Switch Protocol
TTL	Time To Live
TVC	Tag Virtual Circuit
UBR	Unspecified Bit Rate
UBR	Uncommitted Bit Rate
UBR	Universal Broadband Router
UDLR	Uni-Directional Link Routing
UDP	User Datagram Protocol
UNII	Unlicensed National Information Infrastructure
VBR	Variable Bit Rate
VCs	Virtual Circuits
VIP	Versatile Interface Processor
VLSM	Variable-Length Subnet Mask
VoIP	Voice over IP
VoX	Voice over X (X is ATM, Frame, IP, DSL, etc.)
VPDN	Virtual Private Dialup Network
VPI/VCI	Virtual Path Identifier/Virtual Channel Identifier
VPN	Virtual Private Network

VRF	VPN Routing/Forwarding Instance
VSI	Virtual Switch Interface
WAP	Wireless Application Protocol
WCCPv2	Web Cache Control Protocol
WEPD	Weighted Early Packet Discard
WFQ	Weighted Fair Queueing
WRED	Weighted Random Early Detection
WWW	World Wide Web
XmplsATM	Extended MPLS ATM port
XTag ATM	Extended Tag ATM port