

Network+ Acronym List

The following is a list of acronyms that appear on the CompTIA Network+ exam. Candidates are encouraged to review the complete list and attain a working knowledge of all listed acronyms as a part of a comprehensive exam preparation program.

ACRONYM	SPELLED OUT	ACRONYM	SPELLED OUT
A	Address	CAM	Channel Access Method
AAA	Authentication, Authorization and Accounting	CAN	Campus Area Network
AAAA	Authentication, Authorization, Accounting and Address	CARP	Common Address Redundancy Protocol
ABR	Area Border Router	CAT	Computer And Telephone
ACL	Access Control List	CCTV	Closed Circuit TV
AD	Active Directory	CDMA	Code Division Multiple Access
ADSL	Asymmetric Digital Subscriber Line	CDMA/CD	Carrier Sense Multiple Access/Collision Detection
AES	Advanced Encryption Standard	CHAP	Challenge Handshake Authentication Protocol
AH	Authentication Header	CIDR	Classless Inter-Domain Routing
AP	Access Point	CIFS	Common Internet File System/Services
APC	Angle Polished Connector	CLI	Command Line Interface
APIPA	Automatic Private Internet Protocol Addressing	CNAME	Canonical Name
APT	Advanced Persistent Protocol	COOP	Concurrent Object-Oriented Programming
ARIN	American Registry for Internet Numbers	COS	Class Of Service
ARP	Address Resolution Protocol	CPU	Central Processing Unit
AS	Autonomous System	CRAM	Challenge-Response Authentication Mechanism-Message Digest 5
ASIC	Application Specific Integrated Circuit	CRC	Cyclic Redundancy Checking
ASP	Application Service Provider	CSMA/CA	Carrier Sense Multiple Access/Collision Avoidance
ATM	Asynchronous Transfer Mode	CSU	Channel Service Unit
AUI	Attachment Unit Interface	CWDM	Course Wave Division Multiplexing
AUP	Acceptable Use Policy	dB	Decibels
BCP	Business Continuity Plan	DCS	Distributed Computer System
BCS	Business Connectivity Services	DDoS	Distributed Denial of Service
BDR	Backup Designated Router	DHCP	Dynamic Host Configuration Protocol
BERT	Bit Error Rate Test	DLC	Data Link Control
BGP	Border Gateway Protocol	DLP	Data Leak Prevention
BLE	Bluetooth Low Energy	DLR	Device Level Ring
BNC	British Naval Connector or Bayonet Neill-Concelman	DMZ	Demilitarized Zone
BootP	Boot Protocol or Bootstrap Protocol	DNAT	Destination Network Address Translation
BPDU	Bridge Protocol Data Unit	DNS	Domain Name Service or Domain Name Server or Domain Name System
BRI	Basic Rate Interface	DOCSIS	Data-Over-Cable Service Interface Specification
BSSID	Basic Service Set Identifier	DoS	Denial of Service
BYOD	Bring Your Own Device	DR	Designated Router

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DSCP	Differentiated Services Code Point	IaaS	Infrastructure as a Service
DSL	Digital Subscriber Line	IANA	Internet Assigned Numbers Authority
DSSS	Direct Sequence Spread Spectrum	ICA	Independent Computer Architecture
DSU	Data Service Unit	ICANN	Internet Corporation for Assigned Names and Numbers
DWDM	Dense Wavelength Division Multiplexing	ICMP	Internet Control Message Protocol
E1	E-Carrier Level 1	ICS	Internet Connection Sharing or Industrial Control System
EAP	Extensible Authentication Protocol	IDF	Intermediate Distribution Frame
EDNS	Extension Mechanisms for DNS	IDS	Intrusion Detection System
EGP	Exterior Gateway Protocol	IEEE	Institute of Electrical and Electronics Engineers
EIA/TIA	Electronic Industries Alliance/ Telecommunication Industries Association	IGMP	Internet Group Multicast Protocol
EIGRP	Enhanced Interior Gateway Routing Protocol	IGP	Interior Gateway Protocol
EMI	Electromagnetic Interference	IGRP	Interior Gateway Routing Protocol
ESD	Electrostatic Discharge	IKE	Internet Key Exchange
ESP	Encapsulated Security Packets	IMAP4	Internet Message Access Protocol version 4
ESSID	Extended Service Set Identifier	InterNIC	Internet Network Information Center
EUI	Extended Unique Identifier	IO	Input/Output
FC	Fibre Channel	IP	Internet Protocol
FCS	Frame Check Sequence	IPS	Intrusion Prevention System
FDDI	Fiber Distributed Data Interface	IPSec	Internet Protocol Security
FDM	Frequency Division Multiplexing	IPv4	Internet Protocol version 4
FHSS	Frequency Hopping Spread Spectrum	IPv6	Internet Protocol version 6
FIPS	Federal Information Processing Standard	IR	Infrared
FM	Frequency Modulation	ISAKMP	Internet Security Association and Key Management Protocol
FQDN	Fully Qualified Domain Name	iSCSI	Internet Small Computer System
FTP	File Transfer Protocol	ISDN	Integrated Services Digital Network
FTPS	File Transfer Protocol Security	IS-IS	Intermediate System to Intermediate System
GBIC	Gigabit Interface Converter	ISP	Internet Service Provider
Gbps	Gigabits per second	IT	Information Technology
GLBP	Gateway Load Balancing Protocol	ITS	Intelligent Transportation System
GPG	GNU Privacy Guard	IV	Initialization Vector
GPRS	General Packet Radio Service	Kbps	Kilobits per second
GRE	Generic Routing Encapsulation	KVM	Keyboard Video Mouse
GSM	Global System for Mobile communications	L2F	Layer 2 Forwarding
HBA	Host Bus Adapter	L2TP	Layer 2 Tunneling Protocol
HDLC	High-level Data Link Control	LACP	Link Aggregation Control Protocol
HDMI	High Definition Multimedia Interface	LAN	Local Area Network
HIDS	Host Intrusion Detection System	LC	Local Connector
HIPS	Host Intrusion Prevention System	LDAP	Lightweight Directory Access Protocol
HSPA	High-Speed Packet Access	LEC	Local Exchange Carrier
HSRP	Hot Standby Router Protocol	LED	Light Emitting Diode
HT	High Throughput	LLC	Logical Link Control
HTTP	Hypertext Transfer Protocol	LSA	Link State Advertisement
HTTPS	Hypertext Transfer Protocol Secure	LTE	Long Term Evolution
HVAC	Heating, Ventilation and Air Conditioning		
Hz	Hertz		

ACRONYM	SPELLED OUT	ACRONYM	SPELLED OUT
LWAPP	Light Weight Access Point Protocol	OCx	Optical Carrier
MAC	Media Access Control or Medium Access Control	OS	Operating Systems
MAN	Metropolitan Area Network	OSI	Open Systems Interconnect
Mbps	Megabits per second	OSPF	Open Shortest Path First
MBps	Megabytes per second	OTDR	Optical Time Domain Reflectometer
MDF	Main Distribution Frame	OUI	Organizationally Unique Identifier
MDI	Media Dependent Interface	P2P	Peer-to-Peer
MDIX	Media Dependent Interface Crossover	PaaS	Platform as a Service
MGCP	Media Gateway Control Protocol	PAN	Personal Area Network
MIB	Management Information Base	PAP	Password Authentication Protocol
MIBS	Management Information Bases	PAT	Port Address Translation
MIMO	Multiple Input, Multiple Output	PBX	Private Branch Exchange
MLA	Master License Agreement	PC	Personal Computer
MLA	Multilateral Agreement	PCM	Phase Change Memory
MMF	Multimode Fiber	PDU	Protocol Data Unit
MOA	Memorandum Of Agreement	PGP	Pretty Good Privacy
MOU	Memorandum Of Understanding	PKI	Public Key Infrastructure
MPLS	Multi-Protocol Label Switching	PLC	Programmable Logic Controller
MS-CHAP	Microsoft Challenge Handshake Authentication Protocol	PoE	Power over Ethernet
MSA	Master Service Agreement	POP	Post Office Protocol
MSDS	Material Safety Data Sheet	POP3	Post Office Protocol version 3
MT-RJ	Mechanical Transfer-Registered Jack	POTS	Plain Old Telephone System
MTU	Maximum Transmission Unit	PPP	Point-to-Point Protocol
MUMIMO	Multiuser Multiple Input, Multiple Output	PPPoE	Point-to-Point Protocol over Ethernet
MX	Mail Exchanger	PPTP	Point-to-Point Tunneling Protocol
NAC	Network Access Control	PRI	Primary Rate Interface
NAS	Network Attached Storage	PSK	Pre-Shared Key
NAT	Network Address Translation	PSTN	Public Switched Telephone Network
NCP	Network Control Protocol	PTP	Point-to-Point
NDR	Non-Delivery Receipt	PTR	Pointer
NetBEUI	Network Basic Input/Output Extended User Interface	PVC	Permanent Virtual Circuit
NetBIOS	Network Basic Input/Output System	QAM	Quadrature Amplitude Modulation
NFC	Near Field Communication	QoS	Quality of Service
NFS	Network File Service	RADIUS	Remote Authentication Dial-In User Service
NIC	Network Interface Card	RARP	Reverse Address Resolution Protocol
NIDS	Network Intrusion Detection System	RAS	Remote Access Service
NIPS	Network Intrusion Prevention System	RDP	Remote Desktop Protocol
NIST	Network Information Security & Technology	RDS	Radio Data System
NIU	Network Interface Unit	RF	Radio Frequency
nm	Nanometer	RFI	Radio Frequency Interference
NMS	Network Management System	RFID	Radio Frequency Identification
NNTP	Network News Transport Protocol	RG	Radio Guide
NTP	Network Time Protocol	RIP	Routing Internet Protocol
		RJ	Registered Jack
		RPO	Recovery Point Objective