

# Network+ (N10-008) 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 part of a comprehensive exam preparation program.

<b>ACRONYM</b>	<b>SPELLED OUT</b>	<b>ACRONYM</b>	<b>SPELLED OUT</b>
AAAA	Authentication, Authorization, Accounting, Auditing	EIRP	Effective Isotropic Radiated Power
ACL	Access Control List	ESP	Encapsulating Security Payload
AES	Advanced Encryption Standard	EUI	Extended Unique Identifier
AH	Authentication Header	FCoE	Fibre Channel over Ethernet
AP	Access Point	FHRP	First Hop Redundancy Protocol
APC	Angled Physical Contact	FTP	File Transfer Protocol
APIPA	Automatic Private Internet Protocol Addressing	GBIC	Gigabit Interface Converter
ARP	Address Resolution Protocol	GRE	Generic Routing Encapsulation
AUP	Acceptable Use Policy	GSM	Global System for Mobile Communications
BGP	Border Gateway Protocol	HA	High Availability
BNC	British Naval Connector/Bayonet Neill-Concelman	HDMI	High-Definition Multimedia Interface
BYOD	Bring Your Own Device	HTTP	Hypertext Transfer Protocol
CAM	Content Addressable Memory (table)	HTTPS	Hypertext Transfer Protocol Secure
CAN	Campus Area Network	HVAC	Heating, Ventilation, and Air Conditioning
CDMA	Code Division Multiple Access	IaaS	Infrastructure as a Service
CIA	Confidentiality, Integrity, and Availability	ICMP	Internet Control Message Protocol
CIDR	Classless Inter-Domain Routing	ICS	Industrial Control System
CLI	Command-Line Interface	IDF	Intermediate Distribution Frame
CNAME	Canonical Name	IDS	Intrusion Detection System
CPU	Central Processing Unit	IGMP	Internet Group Management Protocol
CRC	Cyclic Redundancy Check	IMAP	Internet Message Access Protocol
CSMA/CA	Carrier-Sense Multiple Access with Collision Avoidance	IoT	Internet of Things
CSMA/CD	Carrier-Sense Multiple Access with Collision Detection	IP	Internet Protocol
CSU	Channel Service Unit	IPS	Intrusion Prevention System
CVE	Common Vulnerabilities and Exposures	IPSec	Internet Protocol Security
CWDM	Coarse Wavelength Division Multiplexing	IPv4	Internet Protocol version 4
DaaS	Desktop as a Service	IPv6	Internet Protocol version 6
dB	Decibel	iSCSI	Internet Small Computer Systems Interface
DDoS	Distributed Denial-of-Service	ISP	Internet Service Provider
DHCP	Dynamic Host Configuration Protocol	LACP	Link Aggregation Control Protocol
DLP	Data Loss Prevention	LAN	Local Area Network
DNS	Domain Name System	LC	Local Connector
DoS	Denial-of-Service	LDAP	Lightweight Directory Access Protocol
DSL	Digital Subscriber Line	LDAPS	Lightweight Directory Access Protocol (over SSL)
DSU	Data Service Unit	LED	Light-Emitting Diode
DWDM	Dense Wavelength Division Multiplexing	LTE	Long-Term Evolution
EAP	Extensible Authentication Protocol	MAC	Media Access Control/Medium Access Control
EIA	Electronic Industries Association	MAN	Metropolitan Area Network
EIGRP	Enhanced Interior Gateway Routing Protocol	MDF	Main Distribution Frame
		MDIX	Medium Dependent Interface Crossover
		mGRE	Multipoint Generic Routing Encapsulation
		MIB	Management Information Base

ACRONYM	SPELLED OUT
MIMO	Multiple Input, Multiple Output
MU-MIMO	Multiuser - Multiple Input, Multiple Output
MOU	Memorandum of Understanding
MPLS	Multiprotocol Label Switching
MTBF	Mean Time Between Failure
MT-RJ	Mechanical Transfer - Registered Jack
MTTR	Mean Time to Repair
MTU	Maximum Transmission Unit
MX	Mail Exchange
NAC	Network Access Control
NAS	Network Attached Storage
NAT	Network Address Translation
NDA	Non-Disclosure Agreement
NFV	Network Function Virtualization
NGFW	Next-Generation Firewall
NIC	Network Interface Card
NS	Name Server
NTP	Network Time Protocol
OID	Object Identifier
OSI	Open Systems Interconnection
OSPF	Open Shortest Path First
OTDR	Optical Time Domain Reflectometer
PaaS	Platform as a Service
PAN	Personal Area Network
PAT	Port Address Translation
PDU	Power Distribution Unit
PoE	Power over Ethernet
POP3	Post Office Protocol version 3
PSK	Pre-Shared Key
PTR	Pointer Record
QoS	Quality of Service
QSFP	Quad Small Form-factor Pluggable
RA	Router Advertisements
RADIUS	Remote Authentication Dial-In User Service
RAID	Redundant Array of Inexpensive (or Independent) Disks
RDP	Remote Desktop Protocol
RF	Radio Frequency
RFC	Request for Comment
RG	Radio Guide
RIP	Routing Internet Protocol
RJ	Registered Jack
RPO	Recovery Point Objective
RSSI	Received Signal Strength Indication
RTO	Recovery Time Objective
RTSP	Real Time Streaming Protocol
SaaS	Software as a Service
SAN	Storage Area Network
SC	Standard Connector/Subscriber Connector
SCADA	Supervisory Control and Data Acquisition
SDN	Software-Defined Network
SDWAN	Software-Defined WAN

ACRONYM	SPELLED OUT
SFP	Small Form-factor Pluggable
SFTP	Secure File Transfer Protocol
SIEM	Security Information and Event Management
SIP	Session Initiation Protocol
SLA	Service Level Agreement
SLAAC	Stateless Address Auto-Configuration
SMB	Server Message Block
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SOA	Start of Authority
SOHO	Small Office Home Office
SQL	Structured Query Language
SRV	Service Record
SSD	Solid-State Drive
SSH	Secure Shell
SSID	Service Set Identifier
SSL	Secure Sockets Layer
SSO	Single Sign-On
ST	Straight Tip or Snap Twist
STP	Spanning Tree Protocol
SYSLOG	System Log
TACACS+	Terminal Access Controller Access Control System Plus
TCP	Transmission Control Protocol
TFTP	Trivial File Transfer Protocol
TIA/EIA	Telecommunications Industry Association/Electronic Industries Alliance
TKIP	Temporal Key Integrity Protocol
TLS	Transport Layer Security
TTL	Time to Live
TX/RX	Transmit and Receive
UDP	User Datagram Protocol
UPC	Ultra-Physical Contact
UPS	Uninterruptible Power Supply
URL	Uniform Resource Locator
USB	Universal Serial Bus
UTP	Unshielded Twister Pair
VIP	Virtual IP
VLAN	Virtual Local Area Network
VM	Virtual Machine
VNC	Virtual Network Computing
vNIC	virtual Network Interface Card
VoIP	Voice over Internet Protocol
VPN	Virtual Private Network
VRRP	Virtual Router Redundancy Protocol
WAN	Wide Area Network
WAP	Wireless Access Point
WDM	Wavelength Division Multiplexing
WLAN	Wireless Local Area Network
WPA	WiFi Protected Access