Network+ Acronyms

✓ A Address
✓ AAA Authentication Authorization and Accounting
✓ AAAA Authentication, Authorization, Accounting and Address
✓ ACL Access Control List
✓ ADSL Asymmetric Digital Subscriber Line
✓ AES Advanced Encryption Standard
✓ AH Authentication Header
✓ AP Access Point
✓ APC Angle Polished Connector
✓ APIPA Automatic Private Internet Protocol Addressing
✓ APT Advanced Persistent Protocol
✓ ARIN American Registry for Internet Numbers
✓ ARP Address Resolution Protocol
✓ AS Autonomous System
✓ ASIC Application Specific Integrated Circuit
✓ ASP Application Service Provider
✓ ATM Asynchronous Transfer Mode
✓ AUP Acceptable Use Policy
✓ BERT Bit-Error Rate Test
✓ BGP Border Gateway Protocol
✓ BLE Bluetooth Low Energy
✓ BNC British Naval Connector/Bayonet Niell-Concelman
✓ BootP Boot Protocol/Bootstrap Protocol
✓ BPDU Bridge Protocol Data Unit
✓ BRI Basic Rate Interface
✓ BSSID Basic Service Set Identifier
✓ CAM Channel Access Method
✓ CAN Campus Area Network
✓ CARP Common Address Redundancy Protocol
✓ CAT Computer and Telephone
✓ CCTV Closed Circuit TV
✓ CDMA Code Division Multiple Access
CDMA/CD Carrier Sense Multiple Access/Collision Detection
CHAP Challenge Handshake Authentication Protocol
CIDR Classless Inter Domain Routing
CNAME Canonical Name
COS Class of Service
CPU Central Processing Unit
CRAMMDS
Challenge-Response Authentication Mechanism–Message Digest 5
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CSMA/CA Carrier Sense Multiple Access/Collision Avoidance
CSU Channel Service Unit
CWDM Course Wave Division Multiplexing
dB Decibels
DCS Distributed Computer System
DDoS Distributed Denial of Service
DHCP Dynamic Host Configuration Protocol
DLC Data Link Control
DLP Data Leak Prevention
DMZ Demilitarized Zone
DNAT Destination Network Address Translation
DNS Domain Name Service/Domain Name Server/Domain Name System
DOCSIS Data-Over-Cable Service Interface Specification
DoS Denial of Service
DSCP Differentiated Services Code Point
DSL Digital Subscriber Line
DSSS Direct Sequence Spread Spectrum
DSU Data Service Unit
DWDM Dense Wavelength Division Multiplexing
E1 E-Carrier Level 1
EAP Extensible Authentication Protocol
EDNS Extension Mechanisms for DNS
EGP Exterior Gateway Protocol
✓ EIA/TIA Electronic Industries Alliance/Telecommunication Industries
✓ Association
✓ EMI Electromagnetic Interference
✓ ESD Electrostatic Discharge
✓ ESP Encapsulated Security Packets
✓ ESSID Extended Service Set Identifier
✓ EUI Extended Unique Identifier
✓ FC Fibre Channel
✓ FDM Frequency Division Multiplexing
✓ FHSS Frequency Hopping Spread Spectrum
✓ FM Frequency Modulation
✓ FQDN Fully Qualified Domain Name
✓ FTP File Transfer Protocol
✓ FTPS File Transfer Protocol Security
✓ GBIC Gigabit Interface Converter
✓ Gbps Gigabits per second
✓ GPG GNU Privacy Guard
✓ GRE Generic Routing Encapsulation
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✓ GSM Global System for Mobile Communications
✓ HDLC High-Level Data Link Control
✓ HDMI High Definition Multimedia Interface
✓ HIDS Host Intrusion Detection System
✓ HIPS Host Intrusion Prevention System
✓ HSPA High-Speed Packet Access
✓ HSRP Hot Standby Router Protocol
✓ HT High Throughput
✓ HTTP Hypertext Transfer Protocol
✓ HTTPS Hypertext Transfer Protocol Secure
✓ HVAC Heating, Ventilation and Air Conditioning
✓ Hz Hertz
✓ IaaS Infrastructure as a Service
IANA Internet Assigned Numbers Authority
ICA Independent Computer Architecture
ICANN Internet Corporation for Assigned Names and Numbers
ICMP Internet Control Message Protocol
ICS Internet Connection Sharing/Industrial Control System
IDF Intermediate Distribution Frame
IDS Intrusion Detection System
IEEE Institute of Electrical and Electronics Engineers
IGMP Internet Group Multicast Protocol
IGP Interior Gateway Protocol
IKE Internet Key Exchange
IMAP4 Internet Message Access Protocol version 4
InterNIC Internet Network Information Center
IP Internet Protocol
IPS Intrusion Prevention System
IPsec Internet Protocol Security
IPv4 Internet Protocol version 4
IPv6 Internet Protocol version 6
ISAKMP Internet Security Association and Key Management Protocol
ISDN Integrated Services Digital Network
IS-IS Intermediate System to Intermediate System
ISP Internet Service Provider
IT Information Technology
ITS Intelligent Transportation System
IV Initialization Vector
Kbps Kilobits per second
KVM Keyboard Video Mouse
L2F Layer 2 Forwarding
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L2TP Layer 2 Tunneling Protocol
LACP Link Aggregation Control Protocol
LAN Local Area Network
✔ LC Local Connector
✔ LDAP Lightweight Directory Access Protocol
✔ LEC Local Exchange Carrier
✔ LED Light Emitting Diode
✔ LLC Logical Link Control
✔ LTE Long Term Evolution
✔ LWAPP Light Weight Access Point Protocol
✔ MAC Media Access Control/Medium Access Control
✔ MAN Metropolitan Area Network
✔ Mbps Megabits per second
✔ MBps Megabytes per second
✔ MDF Main Distribution Frame
✔ MDI Media Dependent Interface
✔ MDIX Media Dependent Interface Crossover
✔ MGCP Media Gateway Control Protocol
✔ MIB Management Information Base
✔ MIBS Management Information Bases
✔ MIMO Multiple Input, Multiple Output
✔ MLA Master License Agreement
✔ MLA Multilateral Agreement
✔ MMF Multimode Fiber
✔ MOU Memorandum of Understanding
✔ MPLS Multi-Protocol Label Switching
✔ MS-CAP Microsoft Challenge Handshake Authentication Protocol
✔ MSA Master Service Agreement
✔ MSDS Material Safety Data Sheet
✔ MT-RJ Mechanical Transfer-Registered Jack
✔ MTU Maximum Transmission Unit
✔ MUMIMO Multiuser Multiple Input, Multiple Output
✔ MX Mail Exchanger
✔ NAC Network Access Control
✔ NAS Network Attached Storage
✔ NAT Network Address Translation
✔ NCP Network Control Protocol
NetBEUI Network Basic Input/Output Extended User Interface
NetBIOS Network Basic Input/Output System
NIC Network Interface Card
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NIDS Network Intrusion Detection System
NIPS Network Intrusion Prevention System
NIU Network Interface Unit
nm Nanometer
NNTP Network News Transport Protocol
NTP Network Time Protocol
OCx Optical Carrier
OS Operating Systems
OSI Open Systems Interconnect
OSPF Open Shortest Path First
OTDR Optical Time Domain Reflectometer
OUI Organizationally Unique Identifier
PaaS Platform as a Service
PAN Personal Area Network
PAP Password Authentication Protocol
PAT Port Address Translation
PC Personal Computer
PDU Protocol Data Unit
PGP Pretty Good Privacy
PKI Public Key Infrastructure
PoE Power over Ethernet
POP Post Office Protocol
POP3 Post Office Protocol version 3
POTS Plain Old Telephone System
PPP Point-to-Point Protocol
PPPoE Point-to-Point Protocol over Ethernet
PPTP Point-to-Point Tunneling Protocol
PRI Primary Rate Interface
PSK Pre-Shared Key
PSTN Public Switched Telephone Network
PTP Point-to-Point
PTR Pointer
PVC Permanent Virtual Circuit
QoS Quality of Service
RADIUS Remote Authentication Dial-In User Service
RARP Reverse Address Resolution Protocol
RAS Remote Access Service
RDP Remote Desktop Protocol
RF Radio Frequency
RFI Radio Frequency Interference
RG Radio Guide
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RIP Routing Internet Protocol
RJ Registered Jack
RSA Rivest, Shamir, Adelman
RSH Remote Shell
RTP Real Time Protocol
RTSP Real Time Streaming Protocol
RTT Round Trip Time or Real Transfer Time
SA Security Association
SaaS Software as a Service
SC Standard Connector/Subscriber Connector
SCADA Supervisory Control and Data Acquisition
SCP Secure Copy Protocol
SDLC Software Development Life Cycle
SDP Session Description Protocol
SDSL Symmetrical Digital Subscriber Line
SFP Small Form-factor Pluggable
SFTP Secure File Transfer Protocol
SGCP Simple Gateway Control Protocol
SHA Secure Hash Algorithm
SIEM Security Information and Event Management
SIP Session Initiation Protocol
SLA Service Level Agreement
SLIP Serial Line Internet Protocol
SMF Single Mode Fiber
SMS Short Message Service
SMTP Simple Mail Transfer Protocol
SNAT Static Network Address Translation/Source Network Address
SNMP Translation Simple Network Management Protocol
SNTP Simple Network Time Protocol
SOA Start of Authority
SOHO Small Office/Home Office
SONET Synchronous Optical Network
SOW Statement of Work
SPB Shortest Path Bridging
SPI Stateful Packet Inspection
SPS Standby Power Supply
SSH Secure Shell
SSID Service Set Identifier
SSL Secure Sockets Layer
ST Straight Tip or Snap Twist
STP Spanning Tree Protocol / Shielded Twisted Pair
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SVC Switched Virtual Circuit
SYSLOG System Log
T1 Terrestrial Carrier Level 1
TA Terminal Adaptor
TACACS Terminal Access Control Access Control System
TACACS+ Terminal Access Control Access Control System+
TCP Transmission Control Protocol
TCP/IP Transmission Control Protocol/Internet Protocol
TDM Time Division Multiplexing
TDR Time Domain Reflectometer
Telco Telephone Company
TFTP Trivial File Transfer Protocol
TKIP Temporal Key Integrity Protocol
TLS Transport Layer Security
TMS Transportation Management System
TOS Type of Service
TTL Time to Live
TTLS Tunneled Transport Layer Security
UC Unified Communications
UDP User Datagram Protocol
UNC Universal Naming Convention
UPC Ultra Polished Connector
UPS Uninterruptible Power Supply
URL Uniform Resource Locator
USB Universal Serial Bus
UTM Unified Threat Management
UTP Unshielded Twisted Pair
VDSL Variable Digital Subscriber Line
VLAN Virtual Local Area Network
VNC Virtual Network Connection
VoIP Voice over IP
VPN Virtual Private Network
VRRP Virtual Router Redundancy Protocol
VTC Video Teleconference
VTP VLAN Trunk Protocol
WAN Wide Area Network
WAP Wireless Application Protocol/Wireless Access Point
WEP Wired Equivalent Privacy
WINS Window Internet Name Service
WLAN Wireless Local Area Network
WMS Warehouse Management System
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✓ WPA WiFi Protected Access
✓ WPS WiFi Protected Setup
✓ www World Wide Web
✓ XDSL Extended Digital Subscriber Line
✓ XML eXtensible Markup Language
✓ Zeroconf Zero Configuration