**Networking Acronym**

**--A--**

**AAL** ATM Adaptation Layer

**AARP** AppleTalk Address Resolution Protocol

**ABR** Area Border Router

**AC** Access Control (Token Ring)

**ACK** Acknowledgement

**ADSL** Asymmetric Digital Subscriber Line

**ADSP** AppleTalk Data Stream Protocol

**AFP** AppleTalk File Protocol

**AM** Amplitude Modulation

**AMI** Alternate Mark Inversion (T1 / E1)

**ANSI** American National Standards Institute

**API** Application Programming Interface

**APPN** Advanced Peer-to-Peer Networking

**ARP** Address Resolution Protocol

**ARPA** Advanced Research Projects Agency

**AS** Autonomous system

**ASBR** Autonomous System Boundary Router

**ASCII** American Standard Code for Information Interchange

**ASIC** Application Specific Integrated Circuit

**ASK** Amplitude Shift Keying

**ASP** AppleTalk Session Protocol

**ATM** Asynchronous Transfer Mode

**ATP** AppleTalk Transaction Protocol

**AUI** Attachment Unit Interface

**AURP** AppleTalk Update-Based Routing Protocol

**--B--**

**BDR** Backup Designated Router

**BECN** Backward Explicit Congestion Notification (Frame Relay)

**BER** Bit Error Rate

**BGP** Border Gateway Protocol

**BIA** Burned-In Address

**B-ISDN** Broadband ISDN

**BIT** Binary digit

**BOOTP** Bootstrap Protocol

**BPDU** Bridge Protocol Data Unit

**BPS** Bits Per Second

**BRI** Basic Rate Interface (ISDN)

**--C--**

**CBR** Constant Bit Rate

**CCITT** Consultative Committee for International Telegraph and Telephone

**CCO** Cisco Connection Online

**CCP** Compression Control Protocol

**CCS** Common Channel Signaling

**CD** Carrier Detect

**CDDI** Copper Distributed Data Interface

**CDP** Cisco Discovery Protocol

**CHAP** Challenge Handshake Authentication Protocol

**CIDR** Classless InterDomain Routing

**CIR** Committed Information Rate

**CLP** Cell Loss Priority

**CLNP** Connectionless Network Protocol

**CLNS** Connectionless Network Services

**CMI** Coded Mark Inversion

**CO** Central Office

**CPE** Customer Premise Equipment

**CPU** Central Processing Unit

**CRC** Cyclical Redundancy Check

**CSMA/CD** Carrier Sense Multiple Access / Collision Detect

**CSNP** Complete Sequence Number PDU

**CSPDN** Circuit-Switched Public Data Network

**CSU/DSU** Channel Service Unit / Digital Service Unit

**CTS** Clear To Send

**CUD** Caller User Data (X.25)

**--D--**

**DA** Destination Address

**DAC** Dual Attached Concentrator

**DARPA** Defense Advanced Research Projects Agency

**DAS** Dual Attachment Station (FDDI, CDDI)

**DCE** Data Circuit-Terminating Equipment

**DDP** Datagram Delivery Protocol (AppleTalk)

**DDR** Dial-on-Demand Routing

**DES** Data Encryption Standard

**DHCP** Dynamic Host Configuration Protocol

**DIX** Digital-Intel-Xerox

**DLC** Data Link Control

**DLCI** Data Link Connection Identifier (Frame Relay)

**DMT** Discrete Multitone

**DNA SCP** Digital Network Architecture Session Control Protocol (DECnet)

**DNIC** Data Network Identification Code (X.25)

**DNS** Domain Name Server

**DQDB** Distributed Queue Dual Bus (SMDS)

**DR** Designated Router

**DRAM** Dynamic Random Access Memory

**DS-0** Digital Signal Level 0 (64kb)

**DS-1** Digital Signal Level 1 (1.544 Mb)

**DS-3** Digital Signal Level 3 (45 Mb)

**DSAP** Destination Service Access Point (LLC)

**DSE** Data Switching Equipment

**DSL** Digital Subscriber Line

**DSR** Data Set Ready

**DSS 1** Digital Subscriber Signaling System 1

**DSU** Data Service Unit

**DTE** Data Terminal Equipment

**DTR** Data Terminal Ready

**DUAL** Diffused Update Algorithm (EIGRP)

**--E--**

**EBCDIC** Extended Binary Encoded Decimal Interchange Code

**EBGP** Exterior Border Gateway Protocol

**EDI** Electronic Data Interchange

**EEPROM** Electrically Erasable Programmable Read Only Memory

**EGP** Exterior Gateway Protocol

**EIA** Electronic Industries Association

**EIGRP** Enhanced Interior Gateway Routing Protocol

**EOT** End of Transmission

**EPROM** Erasable Programmable Read Only Memory

**ESF** Extended Super Framing (T1/E1)

**ET** Exchange Termination (ET)

**ETSI** European Telecommunication Standards Institute

**--F--**

**FC** Frame Control (Token Ring)

**FCC** Federal Communications Commission

**FCS** Frame Check Sequence

**FD** Feasible Distance (EIGRP)

**FDDI** Fiber Distributed Data Interface

**FDM** Frequency Division Multiplexing

**FECN** Forward Explicit Congestion Notification

**FEP** Front End Processor

**FIFO** First In First Out

**FMBS** Frame-Mode Bearer Service

**FRAD** Frame Relay Access Device

**FSIP** Fast Serial Interface Processor

**FSK** Frequency Shift Keying

**FTP** File Transfer Protocol

**--G--**

**GIF** Graphics Interchange Format

**GNS** Get Nearest Server (Novell)

**GOSIP** Government OSI Profile (U.S.)

**GRE** Generic Routing Encapsulation

**GZL** Get Zone List (AppleTalk)

**--H--**

**HDLC** High Level Data Link Control

**HSRP** Hot Standby Routing Protocol

**HSSI** High Speed Serial Interface

**HTML** Hypertext Markup Language

**HTTP** Hypertext Transfer Protocol

**--I--**

**IA** Intra-Area (OSPF)

**IBGP** Interior Border Gateway Protocol

**ICMP** Internet Control Message Protocol

**IDN** Integrated Digital Network

**IEEE** Institute of Electrical and Electronics Engineers

**IETF** Internet Engineering Task Force

**IGP** Interior Gateway Protocol

**IGRP** Interior Gateway Routing Protocol

**lOS** Internetwork Operating System

**IP** Internet Protocol

**IPC** Interprocess Communications (Vines)

**IPX** Internet Packet Exchange

**IRB** Integrated Routing and Bridging

**IS** Intermediate System

**ISDN BRI** Integrated Services Digital Network - Basic Rate Interface

**ISDN PRI** Integrated Services Digital Network - Primary Rate Interface

**ISIS** Intermediate System Intermediate System (OSI standard routing protocol)

**ISO** International Organization for Standardization

**ISP** Internet Service Provider

**ITU** International Telecommunications Union

**ITU - T** ITU Telecommunication Standardization Sector

**--J--**

**JPEG** Joint Photographic Experts Group

**--L--**

**LAN** Local Area Network

**LAPB** Link Access Procedure--Balanced

**LAPD** Link Access Procedure on the D channel

**LAPF** Link Access Procedure for Frame-Mode Bearer Services

**LAT** Local area Transport

**LCN** Logical Channel Number (X.25)

**LCP** Link Control Protocol (X.25)

**LDN** Local Dial Number (ISDN)

**LLC** Logical Link Control

**LMI** Local Management Interface (Frame Relay)

**LSA** Link-State Advertisement

**LSP** Link State Packet

**LT** Local Termination

**--M--**

**MAC** Media Access Control

**MAN** Metropolitan Area Network

**MAP** Manufacturing Automation Protocol

**MAU** Media Attachment Unit

**MIB** Management Information Base

**MIDI** Musical Instrument Digital Interface

**MW** Multichannel Interface Proccessor

**MLP** Multilink PPP

**MMP** Mulitchassis Multilink PPP

**MOP** Maintenance Operation Protocol

**MP** Multilink Protocol

**MPEG** Motion Picture Experts Group

**MPR** Multiprotocol PC-based Routing

**MRRU** Maximum Received Reconstructed Unit (PPP)

**MSAU** Multistation Access Units (Token Ring)

**MTU** Maximum Transmission Unit

**--N--**

**NAT** Network Address Translation

**NAUN** Nearest Active Upstream Neighbour

**NBMA** Non-Broadcast Multi Access

**NBP** Name Binding Protocol (AppleTalk)

**NCP** NetWare Core Protocol

**NCP** Network Control Protocol (PPP)

**NDIS** Network Driver Interface Specification

**NETBIOS** Network Basic I/O System

**NFS** Network File System

**NIC** Network Information Center

**NLPID** Network Level Protocol Identifier

**NLSP** NetWare Link Service Protocol

**NNI** Network to Network Interface (ATM, Frame Relay)

**NOS** Network Operating System

**NT-1** Network Termination 1

**NTN** Network Terminal Number (X.25)

**NTP** Network Time Protocol

**NVE** Network-Visible Entity

**NVRAM** Nonvolatile Random Access Memory

**--0--**

**OC** Optical Circuit

**ODI** Open Datalink Interface

**OSI** Open System Interconnection

**OSPF** Open Shortest Path First

**OUI** Organizationally Unique Identifier

**--P--**

**PAD** Packet Assembler / Disassembler

**PAP** Password Authentication Protocol

**PAP** Printer Access Protocol (AppleTalk)

**PBX** Private Branch Exchange

**PCM** Pulse Code Modulation

**PDN** Public Data Network

**PDU** Protocol Data Unit

**PING** Packet Internet Groper

**PLP** Packet Level Protocol (X.25)

**PMD** Physical Medium Dependent

**POP** Point of Presence

**POP** Post Office Protocol

**POTS** Plain Old Telephone Service

**PPP** Point-to-Point Protocol

**PRI** Primary Rate Interface (ISDN)

**PROM** Programmable Read-only Memory

**PSDN** Packet-Switched Data Network

**PSK** Phase Shift Keying

**PSN** Packet Switched Network

**PSNP** Partial Sequence Number PDU

**PSPDN** Packet-Switched Public Data Network

**PSTN** Public Switched Telephone Network

**PTT** Post, Telephone and Telegraph

**PVC** Permanent Virtual Circuit

**--Q--**

**QAM** Quadrature Amplitude Modulation

**QoS** Quality of Service

**--R--**

**RADIUS** Remote Authentication Dial-In User Service

**RAM** Random Access Memory

**RARP** Reverse Address Resolution Protocol

**RBOC** Regional Bell Operating Companies

**RCP** Remote Copy Protocol

**RFC** Request For Comments

**RIP** Routing Information Protocol

**RISC** Reduced Instruction Set Computer

**RJE** Remote Job Entry

**RLP** Remote Location Protocol

**RMON** Remote Monitoring

**ROM** Read Only Memory

**RPC** Remote Procedure Call

**RTMP** Routing Table Maintenance Protocol (AppleTalk)

**RTP** Routing Update Protocol (Vines)

**--S--**

**SA** Source Address

**SABM** Set Asynchronous Balanced Mode

**SABME** Set Asynchronous Balanced Mode Extended

**SAP** Service Access Point

**SAP** Service Advertisement Protocol (Novell)

**SAS** Single Attached Station

**SDH** Synchronous Digital Hierarchy

**SDLC** Synchronous Data Link Control

**SDU** Service Data Unit

**SF** Super Framing (T1/E1)

**SIP** SMDS Interface Protocol

**SLARP** Serial Link Address Resolution Protocol

**SLIP** Serial Line Interface Protocol

**SMDS** Switched Multimegabit Data Service

**SMTP** Simple Mail Transfer Protocol

**SNA** Systems Network Architecture

**SNAP** SubNetwork Access Protocol

**SNMP** Simple Network Management Protocol

**SOF** Start of Frame

**SONET** Synchronous Optical Network

**SPF** Shortest Path First

**SPID** Service Provider Identifier (ISDN)

**SPP** Sequenced Packet Protocol (Vines)

**SPX** Sequenced Packet Exchange (Novell)

**SQL** Standard Query Language

**SRAM** Static RAM

**SRB** Source Route Bridging

**SRT** Source Route Transparent Bridging

**SRTP** Sequenced Routing Update Protocol (Vines)

**SS7** Signalling System 7

**SSAP** Source Service Access Point (LLC)

**SVC** Switched Virtual Circuit

**--T--**

**TA** Terminal Adapter

**TACACS** Terminal Access Controller Access Control System

**TA/NT1** Terminal Adapter / Network Termination 1 (ISDN)

**TCP** Transmission Control Protocol

**TCP/IP** Transmission Control Protocol / Internet Protocol

**TDM** Time Division Multiplexing

**TE** Terminal Equipment

**TE1 & TE2** Terminal Endpoints

**TFTP** Trivial File Transfer Protocol

**TIFF** Tagged Image Format

**TTL** Time to Live

**--U--**

**UART** Universal Asynchronous Receiver / Transmitter

**UDP** User Datagram Protocol

**UNI** User Network Interface

**UTP** Unshielded Twisted Pair

**--V--**

**VBR** Variable Bit Rate

**VC** Virtual Circuit

**VCI** Virtual Channel Identifier (X.25)

**VCN** Virtual Circuit Number (X.25)

**VLSM** Variable-Length Subnet Mask

**VTAM** Virtual Terminal Access Method

**--W--**

**WAIS** Wind Area Information Server

**WAN** Wide Area Network

**WDM** Wavelength-Division Multiplexing

**WFQ** Weighted Fair Queuing

**WWW** World Wide Web

**--X--**

**XNS** Xerox Network Systems

**XOT** X.25 over TCP

**--Z--**

**ZIP** Zone Information Protocol (AppleTalk)

**ZIT** Zone Information Table (AppleTalk)