



## A

|              |  |
|--------------|--|
| <b>AAL</b>   | ATM adaptation layer                     |
| <b>ACE</b>   | access control entry                     |
| <b>ADM</b>   | add-drop multiplexer                     |
| <b>AFI</b>   | Authority and Format Identifier          |
| <b>AMP</b>   | active monitor present                   |
| <b>APaRT</b> | automated packet recognition/translation |
| <b>ARP</b>   | Address Resolution Protocol              |
| <b>ASP</b>   | ATM switch processor                     |
| <b>ATM</b>   | Asynchronous Transfer Mode               |

## B

|             |                              |
|-------------|------------------------------|
| <b>BDPU</b> | bridge protocol data unit    |
| <b>BRF</b>  | Bridge Relay Function        |
| <b>BUS</b>  | broadcast and unknown server |

## C

|             |                                   |
|-------------|-----------------------------------|
| <b>CAM</b>  | content-addressable memory        |
| <b>CAS</b>  | column address strobe             |
| <b>CBR</b>  | constant bit rate                 |
| <b>CDDI</b> | Copper Distributed Data Interface |
| <b>CDP</b>  | Cisco Discovery Protocol          |
| <b>CGMP</b> | Cisco Group Management Protocol   |

|               |   |
|---------------|---|
| <b>CLI</b>    | command-line interface                              |
| <b>COPS</b>   | Common Open Policy Service                          |
| <b>CoS</b>    | class of service                                    |
| <b>CRC</b>    | Cyclic Redundancy Check                             |
| <b>CRF</b>    | Concentrator Relay Function                         |
| <br>          |   |
| <b>D</b>      |   |
| <b>DCC</b>    | Data Country Code                                   |
| <b>DEC</b>    | Digital Equipment Corporation                       |
| <b>DFI</b>    | domain-specific part format identifier              |
| <b>DHCP</b>   | Dynamic Host Configuration Protocol                 |
| <b>DISL</b>   | dynamic inter-switch link                           |
| <b>DMP</b>    | data movement processor                             |
| <b>DNS</b>    | Domain Name System                                  |
| <b>DoD</b>    | Department of Defense                               |
| <b>DRiP</b>   | Dual Ring Protocol                                  |
| <b>DSAP</b>   | destination service access point                    |
| <b>DTP</b>    | Dynamic Trunking Protocol                           |
| <b>DTR</b>    | dedicated Token Ring; data terminal ready           |
| <br>          |   |
| <b>E</b>      |   |
| <b>EARL</b>   | Enhanced Address Recognition Logic                  |
| <b>ECMA</b>   | European Computer Manufacturers Association         |
| <b>EEPROM</b> | electrically erasable programmable read-only memory |
| <b>EIA</b>    | Electronic Industries Association                   |
| <b>ELAN</b>   | emulated local area network                         |
| <b>ESI</b>    | end-system identifier                               |

## F

|              |  |
|--------------|--|
| <b>FCS</b>   | frame check sequence                   |
| <b>FDDI</b>  | Fiber Distributed Data Interface       |
| <b>FDX</b>   | full duplex                            |
| <b>FSSRP</b> | Fast Simple Server Redundancy Protocol |
| <b>FTP</b>   | foil twisted-pair                      |

## G

|             |   |
|-------------|---|
| <b>GARP</b> | General Attribute Registration Protocol |
| <b>GBIC</b> | Gigabit Interface Converter             |
| <b>GMRP</b> | GARP Multicast Registration Protocol    |
| <b>GSP</b>  | Gigabit Switch Platform                 |
| <b>GVRP</b> | GARP VLAN Registration Protocol         |

## H

|            |             |
|------------|-------------|
| <b>HDX</b> | half duplex |
|------------|-------------|

## I

|             |                                       |
|-------------|---------------------------------------|
| <b>ICD</b>  | International Code Designator         |
| <b>ICMP</b> | Internet Control Message Protocol     |
| <b>IDP</b>  | Initial Domain Part                   |
| <b>IGMP</b> | Internet Group Management Protocol    |
| <b>ILMI</b> | Integrated Local Management Interface |
| <b>IMPL</b> | initial microprogram load             |
| <b>IP</b>   | Internet Protocol                     |

|            |   |
|------------|---|
| <b>IPC</b> | interprocessor communication                  |
| <b>IPX</b> | Internetwork Packet Exchange                  |
| <b>ISL</b> | Inter-Switch Link                             |
| <b>ISO</b> | International Organization of Standardization |

## K

|            |                         |
|------------|-------------------------|
| <b>KDC</b> | key distribution center |
|------------|-------------------------|

## L

|             |                                    |
|-------------|------------------------------------|
| <b>LAN</b>  | local-area network                 |
| <b>LANE</b> | LAN Emulation                      |
| <b>LAT</b>  | local-area transport               |
| <b>LCP</b>  | Link Control Protocol              |
| <b>LEC</b>  | LAN Emulation Client               |
| <b>LECS</b> | LAN Emulation Configuration Server |
| <b>LEM</b>  | link error monitor                 |
| <b>LER</b>  | link error rate                    |
| <b>LES</b>  | LAN Emulation Server               |
| <b>LLC</b>  | logical link control               |

## M

|            |                                   |
|------------|-----------------------------------|
| <b>MAC</b> | Media Access Control              |
| <b>MAP</b> | Manufacturing Automation Protocol |
| <b>MBS</b> | maximum burst size                |
| <b>MCP</b> | Master Communication Processor    |
| <b>MIB</b> | Management Information Base       |

|               |                                      |
|---------------|--------------------------------------|
| <b>MII</b>    | media-independent interface          |
| <b>MLS</b>    | Multilayer Switching                 |
| <b>MLSP</b>   | Multilayer Switching Protocol        |
| <b>MLS-RP</b> | multilayer switching-route processor |
| <b>MM</b>     | multi-mode                           |
| <b>MOP</b>    | Maintenance Operation Protocol       |
| <b>MOTD</b>   | message-of-the-day                   |
| <b>MPC</b>    | Multiprotocol over ATM client        |
| <b>MPOA</b>   | multiprotocol over ATM               |
| <b>MPS</b>    | multiprotocol over ATM server        |
| <b>MTU</b>    | maximum transmission unit            |

## N

|                |                                     |
|----------------|-------------------------------------|
| <b>NAUN</b>    | nearest available upstream neighbor |
| <b>NBMA</b>    | non-broadcast multi-access          |
| <b>NBS</b>     | non-bused spare                     |
| <b>NDE</b>     | NetFlow Data Export                 |
| <b>NFFC</b>    | NetFlow Feature Card                |
| <b>NFFC II</b> | Enhanced NetFlow Feature Card       |
| <b>NFLS</b>    | Netflow LAN Switching               |
| <b>NHC</b>     | Next Hop Client                     |
| <b>NHRP</b>    | Next Hop Resolution Protocol        |
| <b>NHS</b>     | Next Hop Server                     |
| <b>NMP</b>     | Network Management Processor        |
| <b>NNI</b>     | Network-Network Interface           |
| <b>NSAP</b>    | network service access point        |
| <b>NTP</b>     | Network Time Protocol               |
| <b>NVRAM</b>   | nonvolatile random-access memory    |

|               |  |
|---------------|--|
| O             |  |
| <b>OAM</b>    | Operation, Administration, and Maintenance                                     |
| <b>OOB</b>    | out-of-band  |
| <b>OSI</b>    | Open System Interconnection  |
| P             |  |
| <b>PAgP</b>   | Port Aggregation Protocol  |
| <b>PAM</b>    | port adapter module  |
| <b>PCM</b>    | pulse code modulation  |
| <b>PCMCIA</b> | Personal Computer Memory Card International Association                        |
| <b>PCR</b>    | peak cell rate   |
| <b>PDU</b>    | protocol data unit   |
| <b>PHY</b>    | physical sublayer  |
| <b>PIM</b>    | protocol independent multicast   |
| <b>PLCP</b>   | physical layer convergence procedure   |
| <b>PLIM</b>   | physical layer interface module  |
| <b>PPP</b>    | Point-to-Point Protocol  |
| <b>PVC</b>    | permanent virtual circuit (or permanent virtual connection in ATM terminology) |
| Q             |  |
| <b>QoS</b>    | quality of service   |
| R             |  |
| <b>RADIUS</b> | Remote Authentication Dial-In User Service                                     |
| <b>RAS</b>    | row address strobe   |

|              |   |
|--------------|---|
| <b>RCD</b>   | RAS-to-CAS delay                          |
| <b>RCP</b>   | remote copy protocol                      |
| <b>RGMP</b>  | Router Group Management Protocol          |
| <b>RIF</b>   | routing information field                 |
| <b>RMON</b>  | remote monitoring                         |
| <b>ROM</b>   | read-only memory                          |
| <b>RP</b>    | route processor                           |
| <b>RSM</b>   | Route Switch Module                       |
| <br>         |   |
| <b>S</b>     |   |
| <b>SAID</b>  | Security Association Identifier           |
| <b>SAMBA</b> | synergy advanced multipurpose bus arbiter |
| <b>SAP</b>   | service access point                      |
| <b>SAR</b>   | segmentation and reassembly               |
| <b>SCP</b>   | Serial Control Protocol                   |
| <b>SCR</b>   | sustainable cell rate                     |
| <b>SDP</b>   | Session Description Protocol              |
| <b>SE</b>    | search engine                             |
| <b>SLIP</b>  | Serial Line Internet Protocol             |
| <b>SM</b>    | single-mode                               |
| <b>SMP</b>   | standby monitor present                   |
| <b>SMT</b>   | station management                        |
| <b>SNA</b>   | Systems Network Architecture              |
| <b>SNAP</b>  | Subnetwork Access Protocol                |
| <b>SNMP</b>  | Simple Network Management Protocol        |
| <b>SPAN</b>  | Switched Port Analyzer                    |
| <b>SRB</b>   | source-route bridging                     |
| <b>SRT</b>   | source-route transparent bridging         |

|              |  |
|--------------|--|
| <b>SSCOP</b> | Service-Specific Connection Oriented Protocol      |
| <b>SSRP</b>  | Simple Server Redundancy Protocol                  |
| <b>STP</b>   | 1) Spanning Tree Protocol 2) shielded twisted-pair |
| <b>STPX</b>  | Spanning Tree Protocol Extensions (MIB)            |
| <b>SVC</b>   | switched virtual circuit                           |

## T

|                |   |
|----------------|---|
| <b>TACACS+</b> | Terminal Access Controller Access Control System Plus |
| <b>TCP/IP</b>  | Transmission Control Protocol/Internet Protocol       |
| <b>TFTP</b>    | Trivial File Transfer Protocol                        |
| <b>TGT</b>     | ticket granting ticket                                |
| <b>TIA</b>     | Telecommunications Industry Association               |
| <b>TLV</b>     | type-length value                                     |
| <b>TOS</b>     | type of service                                       |
| <b>TrBRF</b>   | Token Ring Bridge Relay Function                      |
| <b>TrCRF</b>   | Token Ring Concentrator Relay Function                |
| <b>TRT</b>     | token rotation timer                                  |
| <b>TTL</b>     | time to live  |
| <b>TTY</b>     | teletype  |

## U

|             |   |
|-------------|---|
| <b>UART</b> | universal asynchronous receiver/transmitter |
| <b>UBR</b>  | unspecified bit rate                        |
| <b>UDLD</b> | Unidirectional Link Detection Protocol      |
| <b>UDP</b>  | User Datagram Protocol                      |
| <b>UNI</b>  | User-Network Interface                      |
| <b>UTC</b>  | Coordinated Universal Time                  |

## V

|             |   |
|-------------|---|
| <b>VBR</b>  | variable bit rate   |
| <b>VC</b>   | virtual circuit   |
| <b>VCC</b>  | virtual channel connection                                      |
| <b>VCD</b>  | Virtual Channel Descriptor                                      |
| <b>VCI</b>  | 1) virtual channel identifier; 2) virtual connection identifier |
| <b>VCR</b>  | Virtual Configuration Register                                  |
| <b>VLAN</b> | virtual LAN   |
| <b>VMPS</b> | VLAN Membership Policy Server                                   |
| <b>VPI</b>  | virtual path identifier   |
| <b>VQP</b>  | VLAN Query Protocol   |
| <b>VTP</b>  | VLAN Trunking Protocol  |

## W

|             |                              |
|-------------|------------------------------|
| <b>WRED</b> | weighted random early detect |
| <b>WRR</b>  | Weighted Round Robin         |

