



APPENDIX **A**

Protocol Filters

The tables in this appendix list some of the protocols that you can filter on the access point. The tables include:

- Table A-1, [Ethernet Protocols](#)
- Table A-2, [IP Protocols](#)
- Table A-3, [IP Port Protocols](#)

In each table, the Protocol column lists the protocol name, the Additional Identifier column lists other names for the same protocol, and the ISO Designator column lists the numeric designator for each protocol.

Table 0-1 Ethertype Protocols

| Protocol | Additional Identifier | ISO Designator |
|------------------------------|------------------------------|-----------------------|
| ARP | — | 0x0806 |
| RARP | — | 0x8035 |
| IP | — | 0x0800 |
| Berkeley Trailer Negotiation | — | 0x1000 |
| LAN Test | — | 0x0708 |
| X.25 Level3 | X.25 | 0x0805 |
| Banyan | — | 0x0BAD |
| CDP | — | 0x2000 |
| DEC XNS | XNS | 0x6000 |
| DEC MOP Dump/Load | — | 0x6001 |
| DEC MOP | MOP | 0x6002 |
| DEC LAT | LAT | 0x6004 |
| Ethertalk | — | 0x809B |
| Appletalk ARP | Appletalk AARP | 0x80F3 |
| IPX 802.2 | — | 0x00E0 |
| IPX 802.3 | — | 0x00FF |
| Novell IPX (old) | — | 0x8137 |
| Novell IPX (new) | IPX | 0x8138 |
| EAPOL (old) | — | 0x8180 |
| EAPOL (new) | — | 0x888E |
| Telxon TXP | TXP | 0x8729 |
| Aironet DDP | DDP | 0x872D |
| Enet Config Test | — | 0x9000 |
| NetBUI | — | 0xF0F0 |

Table 0-2 IP Protocols

| Protocol | Additional Identifier | ISO Designator |
|------------------------------------|------------------------------|-----------------------|
| dummy | — | 0 |
| Internet Control Message Protocol | ICMP | 1 |
| Internet Group Management Protocol | IGMP | 2 |
| Transmission Control Protocol | TCP | 6 |
| Exterior Gateway Protocol | EGP | 8 |
| PUP | — | 12 |
| CHAOS | — | 16 |
| User Datagram Protocol | UDP | 17 |
| XNS-IDP | IDP | 22 |
| ISO-TP4 | TP4 | 29 |
| ISO-CNLP | CNLP | 80 |
| Banyan VINES | VINES | 83 |
| Encapsulation Header | encap_hdr | 98 |
| Spectralink Voice Protocol | SVP Spectralink | 119 |
| raw | — | 255 |

Table 0-3 IP Port Protocols

| Protocol | Additional Identifier | ISO Designator |
|--------------------------------|------------------------------|-----------------------|
| TCP port service multiplexer | tcpmux | 1 |
| echo | — | 7 |
| discard (9) | — | 9 |
| systat (11) | — | 11 |
| daytime (13) | — | 13 |
| netstat (15) | — | 15 |
| Quote of the Day | qotd quote | 17 |
| Message Send Protocol | msp | 18 |
| ttytst source | chargen | 19 |
| FTP Data | ftp-data | 20 |
| FTP Control (21) | ftp | 21 |
| Secure Shell (22) | ssh | 22 |
| Telnet | — | 23 |
| Simple Mail Transport Protocol | SMTP mail | 25 |
| time | timserver | 37 |
| Resource Location Protocol | RLP | 39 |
| IEN 116 Name Server | name | 42 |
| whois | nickname 43 | 43 |
| Domain Name Server | DNS domain | 53 |
| MTP | — | 57 |
| BOOTP Server | — | 67 |
| BOOTP Client | — | 68 |
| TFTP | — | 69 |
| gopher | — | 70 |
| rje | netrjs | 77 |
| finger | — | 79 |
| Hypertext Transport Protocol | HTTP www | 80 |
| ttylink | link | 87 |
| Kerberos v5 | Kerberos krb5 | 88 |
| supdup | — | 95 |
| hostname | hostnames | 101 |

Table 0-3 IP Port Protocols (continued)

| Protocol | Additional Identifier | ISO Designator |
|------------------------------------|--|-----------------------|
| TSAP | iso-tsap | 102 |
| CSO Name Server | cso-ns csnet-ns | 105 |
| Remote Telnet | rtelnet | 107 |
| Postoffice v2 | POP2 POP v2 | 109 |
| Postoffice v3 | POP3 POP v3 | 110 |
| Sun RPC | sunrpc | 111 |
| tap ident authentication | auth | 113 |
| sftp | — | 115 |
| uucp-path | — | 117 |
| Network News Transfer Protocol | Network News readnews nntp | 119 |
| USENET News Transfer Protocol | Network News readnews nntp | 119 |
| Network Time Protocol | nntp | 123 |
| NETBIOS Name Service | netbios-ns | 137 |
| NETBIOS Datagram Service | netbios-dgm | 138 |
| NETBIOS Session Service | netbios-ssn | 139 |
| Interim Mail Access Protocol v2 | Interim Mail Access Protocol IMAP2 | 143 |
| Simple Network Management Protocol | SNMP | 161 |
| SNMP Traps | snmp-trap | 162 |
| ISO CMIP Management Over IP | CMIP Management Over IP cmip-man CMOT | 163 |
| ISO CMIP Agent Over IP | cmip-agent | 164 |
| X Display Manager Control Protocol | xdmcp | 177 |
| NeXTStep Window Server | NeXTStep | 178 |
| Border Gateway Protocol | BGP | 179 |
| Prospero | — | 191 |
| Internet Relay Chap | IRC | 194 |

Table 0-3 IP Port Protocols (continued)

| Protocol | Additional Identifier | ISO Designator |
|-------------------------------------|------------------------------|-----------------------|
| SNMP Unix Multiplexer | smux | 199 |
| AppleTalk Routing | at-rtmp | 201 |
| AppleTalk name binding | at-nbp | 202 |
| AppleTalk echo | at-echo | 204 |
| AppleTalk Zone Information | at-zis | 206 |
| NISO Z39.50 database | z3950 | 210 |
| IPX | — | 213 |
| Interactive Mail Access Protocol v3 | imap3 | 220 |
| Unix Listserv | ulistserv | 372 |
| syslog | — | 514 |
| Unix spooler | spooler | 515 |
| talk | — | 517 |
| ntalk | — | 518 |
| route | RIP | 520 |
| timeserver | timed | 525 |
| newdate | tempo | 526 |
| courier | RPC | 530 |
| conference | chat | 531 |
| netnews | — | 532 |
| netwall | wall | 533 |
| UUCP Daemon | UUCP uucpd | 540 |
| Kerberos rlogin | klogin | 543 |
| Kerberos rsh | kshell | 544 |
| rfs_server | remotefs | 556 |
| Kerberos kadmin | kerberos-adm | 749 |
| network dictionary | webster | 765 |
| SUP server | supfilesrv | 871 |
| swat for SAMBA | swat | 901 |
| SUP debugging | supfiledbg | 1127 |
| ingreslock | — | 1524 |
| Prospero non-privileged | prospero-np | 1525 |
| RADIUS | — | 1812 |
| Concurrent Versions System | CVS | 2401 |
| Cisco IAPP | — | 2887 |
| Radio Free Ethernet | RFE | 5002 |