



# APPENDIX **D**

## Common Port Assignments

Table D-1 lists currently assigned Transmission Control Protocol (TCP) port numbers. To the extent possible, the User Datagram Protocol (UDP) uses the same numbers.

**Table D-1** TCP Port Numbers

Port	Keyword	Description
0	—	Reserved
1–4	—	Unassigned
5	RJE	Remote job entry
7	ECHO	Echo
9	DISCARD	Discard
11	USERS	Active users
13	DAYTIME	Daytime
15	NETSTAT	Who is up or NETSTAT
17	QUOTE	Quote of the day
19	CHARGEN	Character generator
20	FTP-DATA	File Transfer Protocol (data)
21	FTP	File Transfer Protocol
23	TELNET	Terminal connection
25	SMTP	Simple Mail Transport Protocol
37	TIME	Time
39	RLP	Resource Location Protocol
42	NAMESERVER	Hostname server
43	NICNAME	Who is
49	LOGIN	Login Host Protocol
53	DOMAIN	Domain name server
67	BOOTPS	Bootstrap Protocol Server
68	BOOTPC	Bootstrap Protocol Client
69	TFTP	Trivial File Transfer Protocol

**Table D-1** TCP Port Numbers (continued)

Port	Keyword	Description
75	—	Any private dial-out service
77	—	Any private RJE service
79	FINGER	Finger
95	SUPDUP	SUPDUP Protocol
101	HOST NAME	Network interface card (NIC) hostname server
102	ISO-TSAP	ISO-Transport Service Access Point (TSAP)
103	X400	X400
104	X400-SND	X400-SND
111	SUNRPC	Sun Microsystems Remote Procedure Call
113	AUTH	Authentication service
117	UUCP-PATH	UNIX-to-UNIX Copy Protocol (UUCP) Path Service
119	NNTP	Usenet Network News Transfer Protocol
123	NTP	Network Time Protocol
126	SNMP	Simple Network Management Protocol
137	NETBIOS-NS	NetBIOS name service
138	NETBIOS-DGM	NetBIOS datagram service
139	NETBIOS-SSN	NetBIOS session service
161	SNMP	Simple Network Management Protocol
162	SNMP-TRAP	Simple Network Management Protocol traps
512	rexec	UNIX remote execution (control)
513	TCP—rlogin UDP—rwho	TCP—UNIX remote login UDP—UNIX broadcast name service
514	TCP—rsh UDP—syslog	TCP—UNIX remote shell UDP—system log
515	Printer	UNIX line printer remote spooling
520	RIP	Routing Information Protocol
525	Timed	Time server