

Port	TCP	UDP	Description	Status
0		UDP	Reserved	Official
1	TCP	UDP	TCP Port Service Multiplexer (TCPMUX)	Official
2	TCP	UDP	CompressNET ^[4] Management Utility ^[5]	Official
3	TCP	UDP	CompressNET ^[4] Compression Process ^[6]	Official
4	TCP	UDP	Unassigned	Official
5	TCP	UDP	Remote Job Entry	Official
6	TCP	UDP	Unassigned	Official
7	TCP	UDP	Echo Protocol/ Ping/ ICMP	Official
8	TCP	UDP	Unassigned	Official
9	TCP	UDP	Discard Protocol	Official
9		UDP	Wake-on-LAN	Unofficial
10	TCP	UDP	Unassigned	Official
11	TCP	UDP	Active Users (systat service) ^{[7][8]}	Official
12	TCP	UDP	Unassigned	Official
13	TCP	UDP	Daytime Protocol (RFC 867)	Official
14	TCP	UDP	Unassigned	Official
15	TCP	UDP	Previously netstat service ^[7]	Unofficial
16	TCP	UDP	Unassigned	Official
17	TCP	UDP	Quote of the Day	Official
18	TCP	UDP	Message Send Protocol	Official
19	TCP	UDP	Character Generator Protocol (CHARGEN)	Official
20	TCP	UDP	FTP data transfer	Official
21	TCP		FTP control (command)	Official
22	TCP	UDP	Secure Shell (SSH)—used for secure logins, file transfers (scp, sftp) and port forwarding	Official
23	TCP	UDP	Telnet protocol—unencrypted text communications	Official
24	TCP	UDP	Priv-mail : any private mail system.	Official
25	TCP		Simple Mail Transfer Protocol (SMTP)—used for e-mail routing between mail servers	Official
26	TCP	UDP	encrypted SMTP	Official
27	TCP	UDP	NSW User System FE	Official
29	TCP	UDP	MSG ICP	Official
33	TCP	UDP	Display Support Protocol	Official
35	TCP	UDP	Any private printer server protocol	Official
37	TCP	UDP	TIME protocol	Official
39	TCP	UDP	Resource Location Protocol ^[9] (RLP)—used for determining the location of higher level services from hosts on a network	Official
40	TCP	UDP	Unassigned	Official

Port	TCP	UDP	Description	Status
42	TCP	UDP	ARPA Host Name Server Protocol	Official
42	TCP	UDP	Windows Internet Name Service	Unofficial
43	TCP		WHOIS protocol	Official
47	TCP	UDP	NI FTP ^[9]	Official
49	TCP	UDP	TACACS Login Host protocol	Official
50	TCP	UDP	Remote Mail Checking Protocol ^[10]	Official
51	TCP	UDP	IMP Logical Address Maintenance	Official
52	TCP	UDP	XNS (Xerox Network Systems) Time Protocol	Official
53	TCP	UDP	Domain Name System (DNS)	Official
54	TCP	UDP	XNS (Xerox Network Systems) Clearinghouse	Official
55	TCP	UDP	ISI Graphics Language (ISI-GL)	Official
56	TCP	UDP	XNS (Xerox Network Systems) Authentication	Official
56	TCP	UDP	Route Access Protocol (RAP) ^[11]	Unofficial
57	TCP		Mail Transfer Protocol (RFC 780)	Official
58	TCP	UDP	XNS (Xerox Network Systems) Mail	Official
64	TCP	UDP	CI (Travelport) (formerly Covia) Comms Integrator	Official
67		UDP	Bootstrap Protocol (BOOTP) Server; also used by Dynamic Host Configuration Protocol (DHCP)	Official
68		UDP	Bootstrap Protocol (BOOTP) Client; also used by Dynamic Host Configuration Protocol (DHCP)	Official
69		UDP	Trivial File Transfer Protocol (TFTP)	Official
70	TCP		Gopher protocol	Official
71	TCP		NETRJS protocol	Official
72	TCP		NETRJS protocol	Official
73	TCP		NETRJS protocol	Official
74	TCP		NETRJS protocol	Official
77	TCP	UDP	Any private Remote Job Entry	Official
79	TCP		Finger protocol	Official
80	TCP		Hypertext Transfer Protocol (HTTP) ^[12]	Official
80		UDP	QUIC (from Chromium) for HTTP	Unofficial
81	TCP		Torpark—Onion routing	Unofficial
82		UDP	Torpark—Control	Unofficial
88	TCP	UDP	Kerberos—authentication system	Official
90	TCP	UDP	dnsix (DoD Network Security for Information Exchange) Securit Attribute Token Map	Official
90	TCP	UDP	PointCast (dotcom)	Unofficial
99	TCP		WIP Message protocol	Unofficial
100		UDP	CyberGate RAT protocol	Unofficial

Port	TCP	UDP	Description	Status
101	TCP		NIC host name	Official
102	TCP		ISO-TSAP (Transport Service Access Point) Class 0 protocol; ^[13] also used by Digital Equipment Corporation DECnet (Phase V+) over TCP/IP	Official
104	TCP	UDP	ACR/NEMA Digital Imaging and Communications in Medicine (DICOM)	Official
105	TCP	UDP	CCSO Nameserver Protocol (Qi/Ph)	Official
107	TCP		Remote TELNET Service ^[14] protocol	Official
108	TCP	UDP	SNA Gateway Access Server ^[1]	Official
109	TCP		Post Office Protocol v2 (POP2)	Official
110	TCP		Post Office Protocol v3 (POP3)	Official
111	TCP	UDP	ONC RPC (Sun RPC)	Official
113	TCP		Ident—Authentication Service/Identification Protocol, ^[15] used by IRC servers to identify users	Official
113		UDP	Authentication Service ^[15] (auth)	Official
115	TCP		Simple File Transfer Protocol (SFTP)	Official
117	STD		UUCP Path Service	Official
118	TCP	UDP	SQL (Structured Query Language) Services	Official
119	TCP		Network News Transfer Protocol (NNTP)—retrieval of newsgroup messages	Official
123		UDP	Network Time Protocol (NTP)—used for time synchronization	Official
126	TCP	UDP	Formerly Unisys Unitary Login, renamed by Unisys to NXEdit. Used by Unisys Programmer's Workbench for Clearpath MCP, an IDE for Unisys MCP software development	Official
135	TCP	UDP	DCE endpoint resolution	Official
135	TCP	UDP	Microsoft EPMAP (End Point Mapper), also known as DCE/RPC Locator service, ^[16] used to remotely manage services including DHCP server, DNS server and WINS. Also used by DCOM	Unofficial
137	TCP	UDP	NetBIOS NetBIOS Name Service	Official
138	TCP	UDP	NetBIOS NetBIOS Datagram Service	Official
139	TCP	UDP	NetBIOS NetBIOS Session Service	Official
143	TCP		Internet Message Access Protocol (IMAP)—management of email messages	Official
152	TCP	UDP	Background File Transfer Program (BFTP) ^[17]	Official
153	TCP	UDP	SGMP, Simple Gateway Monitoring Protocol	Official
156	TCP	UDP	SQL Service	Official
158	TCP	UDP	DMSP, Distributed Mail Service Protocol ^[18]	Unofficial
161		UDP	Simple Network Management Protocol (SNMP)	Official
162	TCP	UDP	Simple Network Management Protocol Trap (SNMPTRAP) ^[19]	Official
170	TCP		Print-srv, Network PostScript	Official
175	TCP		VMNET (IBM z/VM, z/OS & z/VSE—Network Job Entry (NJE))	Official
177	TCP	UDP	X Display Manager Control Protocol (XDMCP)	Official
179	TCP		BGP (Border Gateway Protocol)	Official

Port	TCP	UDP	Description	Status
194	TCP	UDP	Internet Relay Chat (IRC)	Official
199	TCP	UDP	SMUX, SNMP Unix Multiplexer	Official
201	TCP	UDP	AppleTalk Routing Maintenance	Official
209	TCP	UDP	The Quick Mail Transfer Protocol	Official
210	TCP	UDP	ANSI Z39.50	Official
213	TCP	UDP	Internetwork Packet Exchange (IPX)	Official
218	TCP	UDP	Message posting protocol (MPP)	Official
220	TCP	UDP	Internet Message Access Protocol (IMAP), version 3	Official
259	TCP	UDP	ESRO, Efficient Short Remote Operations	Official
264	TCP	UDP	BGMP, Border Gateway Multicast Protocol	Official
280	TCP	UDP	http-mgmt	Official
300	TCP		ThinLinc Web Access	Unofficial
308	TCP		Novastor Online Backup	Official
311	TCP		Mac OS X Server Admin (officially AppleShare IP Web administration)	Official
318	TCP	UDP	PKIX TSP, Time Stamp Protocol	Official
319		UDP	Precision Time Protocol event messages	Official
320		UDP	Precision Time Protocol general messages	Official
350	TCP	UDP	MATIP-Type A, Mapping of Airline Traffic over Internet Protocol	Official
351	TCP	UDP	MATIP-Type B, Mapping of Airline Traffic over Internet Protocol	Official
366	TCP	UDP	ODMR, On-Demand Mail Relay	Official
369	TCP	UDP	Rpc2portmap	Official
370	TCP		codauth2—Coda authentication server	Official
370		UDP	codauth2—Coda authentication server	Official
370		UDP	securecast1—Outgoing packets to NAI's SecureCast servers ^[20] As of 2000	Unofficial
371	TCP	UDP	ClearCase albd	Official
383	TCP	UDP	HP data alarm manager	Official
384	TCP	UDP	A Remote Network Server System	Official
387	TCP	UDP	AURP, AppleTalk Update-based Routing Protocol ^[21]	Official
389	TCP	UDP	Lightweight Directory Access Protocol (LDAP)	Official
399	TCP	UDP	Digital Equipment Corporation DECnet (Phase V+) over TCP/IP	Official
401	TCP	UDP	UPS Uninterruptible Power Supply	Official
427	TCP	UDP	Service Location Protocol (SLP)	Official
433	TCP	UDP	NNSP, part of Network News Transfer Protocol	Official
443	TCP		Hypertext Transfer Protocol over TLS/SSL (HTTPS)	Official
443		UDP	QUIC (from Chromium) for HTTPS	Unofficial
444	TCP	UDP	SNPP, Simple Network Paging Protocol (RFC 1568)	Official
445	TCP		Microsoft-DS Active Directory, Windows shares	Official

Port	TCP	UDP	Description	Status
445	TCP		Microsoft-DS SMB file sharing	Official
464	TCP	UDP	Kerberos Change/Set password	Official
465	TCP		URL Rendezvous Directory for SSM (Cisco protocol)	Official
465	TCP		Simple Mail Transfer Protocol over TLS/SSL (SMTPS)	Unofficial
475	TCP	UDP	tcpnethaspsrv (Aladdin Knowledge Systems Hasp services, TCP/IP version)	Official
491	TCP		GO-Global remote access and application publishing software	Unofficial
497	TCP		Dantz Retrospect	Official
500	TCP	UDP	Internet Security Association and Key Management Protocol (ISAKMP)	Official
502	TCP	UDP	Modbus, Protocol	Official
504	TCP	UDP	Citadel—multiservice protocol for dedicated clients for the Citadel groupware system	Official
512	TCP		Rexec, Remote Process Execution	Official
512		UDP	comsat, together with biff	Official
513	TCP		rlogin	Official
513		UDP	Who ^[22]	Official
514	TCP		Shell—used to execute non-interactive commands on a remote system (Remote Shell, rsh, remsh)	Official
514		UDP	Syslog—used for system logging	Official
515	TCP		Line Printer Daemon—print service	Official
517		UDP	Talk	Official
518		UDP	NTalk	Official
520	TCP		efs, extended file name server	Official
520		UDP	Routing Information Protocol (RIP)	Official
521		UDP	Routing Information Protocol Next Generation (RIPng)	Official
524	TCP	UDP	NetWare Core Protocol (NCP) is used for a variety things such as access to primary NetWare server resources, Time Synchronization, etc.	Official
525		UDP	Timed, Timeserver	Official
530	TCP	UDP	RPC	Official
531	TCP	UDP	AOL Instant Messenger	Unofficial
532	TCP		netnews	Official
533		UDP	netwall, For Emergency Broadcasts	Official
540	TCP		UUCP (Unix-to-Unix Copy Protocol)	Official
542	TCP	UDP	commerce (Commerce Applications)	Official
543	TCP		klogin, Kerberos login	Official
544	TCP		kshell, Kerberos Remote shell	Official
545	TCP		OSisoft PI (VMS), OSisoft PI Server Client Access	Unofficial
546	TCP	UDP	DHCPv6 client	Official
547	TCP	UDP	DHCPv6 server	Official

Port	TCP	UDP	Description	Status
548	TCP		Apple Filing Protocol (AFP) over TCP	Official
550	TCP	UDP	new-rwho, new-who ^[22]	Official
554	TCP	UDP	Real Time Streaming Protocol (RTSP)	Official
556	TCP		Remotefs, RFS, rfs_server	Official
560		UDP	rmonitor, Remote Monitor	Official
561		UDP	monitor	Official
563	TCP	UDP	NNTP protocol over TLS/SSL (NNTPS)	Official
587	TCP		e-mail message submission ^[23] (SMTP)	Official
591	TCP		FileMaker 6.0 (and later) Web Sharing (HTTP Alternate, also see port 80)	Official
593	TCP	UDP	HTTP RPC Ep Map, Remote procedure call over Hypertext Transfer Protocol, often used by Distributed Component Object Model services and Microsoft Exchange Server	Official
604	TCP		TUNNEL profile, ^[24] a protocol for BEEP peers to form an application layer tunnel	Official
623		UDP	ASF Remote Management and Control Protocol (ASF-RMCP)	Official
625	TCP		Open Directory Proxy (ODProxy)	Unofficial
631	TCP	UDP	Internet Printing Protocol (IPP)	Official
631	TCP	UDP	Common Unix Printing System (CUPS)	Unofficial
635	TCP	UDP	RLZ DBase	Official
636	TCP	UDP	Lightweight Directory Access Protocol over TLS/SSL (LDAPS)	Official
639	TCP	UDP	MSDP, Multicast Source Discovery Protocol	Official
641	TCP	UDP	SupportSoft Nexus Remote Command (control/listening): A proxy gateway connecting remote control traffic	Official
643	TCP	UDP	SANity	Official
646	TCP	UDP	LDP, Label Distribution Protocol, a routing protocol used in MPLS networks	Official
647	TCP		DHCP Failover protocol ^[25]	Official
648	TCP		RRP (Registry Registrar Protocol) ^[26]	Official
651	TCP	UDP	IEEE-MMS	Official
653	TCP	UDP	SupportSoft Nexus Remote Command (data): A proxy gateway connecting remote control traffic	Official
654	TCP		Media Management System (MMS) Media Management Protocol (MMP) ^[27]	Official
657	TCP	UDP	IBM RMC (Remote monitoring and Control) protocol, used by System p5 AIX Integrated Virtualization Manager (IVM) ^[28] and Hardware Management Console to connect managed logical partitions (LPAR) to enable dynamic partition reconfiguration	Official
660	TCP		Mac OS X Server administration	Official
666	TCP	UDP	Doom, first online first-person shooter	Official
666	TCP		airserv-ng, aircrack-ng's server for remote-controlling wireless devices	Unofficial
674	TCP		ACAP (Application Configuration Access Protocol)	Official
688	TCP	UDP	REALM-RUSD (ApplianceWare Server Appliance Management Protocol)	Official

Port	TCP	UDP	Description	Status
691	TCP		MS Exchange Routing	Official
694	TCP	UDP	Linux-HA High availability Heartbeat	Official
695	TCP		IEEE-MMS-SSL (IEEE Media Management System over SSL) ^[29]	Official
698		UDP	OLSR (Optimized Link State Routing)	Official
700	TCP		EPP (Extensible Provisioning Protocol), a protocol for communication between domain name registries and registrars (RFC 5734)	Official
701	TCP		LMP (Link Management Protocol (Internet)), ^[30] a protocol that runs between a pair of nodes and is used to manage traffic engineering (TE) links	Official
702	TCP		IRIS ^{[31][32]} (Internet Registry Information Service) over BEEP (Blocks Extensible Exchange Protocol) ^[33] (RFC 3983)	Official
706	TCP		Secure Internet Live Conferencing (SILC)	Official
711	TCP		Cisco Tag Distribution Protocol ^{[34][35][36]} —being replaced by the MPLS Label Distribution Protocol ^[37]	Official
712	TCP		Topology Broadcast based on Reverse-Path Forwarding routing protocol (TBRPF) (RFC 3684)	Official
749	TCP	UDP	Kerberos (protocol) administration	Official
750		UDP	kerberos-iv, Kerberos version IV	Official
751	TCP	UDP	kerberos_master, Kerberos authentication	Unofficial
752		UDP	passwd_server, Kerberos Password (kpasswd) server	Unofficial
753	TCP		Reverse Routing Header (rrh) ^[38]	Official
753		UDP	Reverse Routing Header (rrh)	Official
753		UDP	userreg_server, Kerberos userreg server	Unofficial
754	TCP		tell send	Official
754	TCP		krb5_prop, Kerberos v5 slave propagation	Unofficial
754		UDP	tell send	Official
760	TCP	UDP	krbupdate [kreg], Kerberos registration	Unofficial
782	TCP		Conserver serial-console management server	Unofficial
783	TCP		SpamAssassin spamd daemon	Unofficial
800		UDP	mdbe daemon	Official
808	TCP		Microsoft Net.TCP Port Sharing Service	Official
829	TCP		Certificate Management Protocol ^[39]	Unofficial
843	TCP		Adobe Flash ^[40]	Unofficial
847	TCP		DHCP Failover protocol	Official
848	TCP	UDP	Group Domain Of Interpretation (GDOI) protocol	Official
860	TCP		iSCSI (RFC 3720)	Official
861	TCP	UDP	OWAMP control (RFC 4656)	Official
862	TCP	UDP	TWAMP control (RFC 5357)	Official
873	TCP		rsync file synchronization protocol	Official

Port	TCP	UDP	Description	Status
888	TCP		cddbp, CD DataBase (CDDB) protocol (CDDBP), IBM Endpoint Manager Remote Control	Unofficial
897	TCP	UDP	Brocade SMI-S RPC	Unofficial
898	TCP	UDP	Brocade SMI-S RPC SSL	Unofficial
901	TCP		Samba Web Administration Tool (SWAT)	Unofficial
901	TCP	UDP	VMware Virtual Infrastructure Client (from managed device to management console)	Unofficial
902	TCP	UDP	ideafarm-door (IdeaFarm (tm) Operations)	Official
902	TCP	UDP	VMware Server Console (from management console to managed device)	Unofficial
903	TCP	UDP	ideafarm-panic (IdeaFarm (tm) Operations)	Official
903	TCP		VMware Remote Console ^[41]	Unofficial
904	TCP		VMware Server Alternate (if 902 is in use, i.e. SUSE linux)	Unofficial
911	TCP		Network Console on Acid (NCA)—local tty redirection over OpenSSH	Unofficial
944		UDP	Network File System Service	Unofficial
953	TCP	UDP	Domain Name System (DNS) RNDG Service	Unofficial
973		UDP	Network File System over IPv6 Service	Unofficial
981	TCP		SofaWare Technologies Remote HTTPS management for firewall devices running embedded Check Point FireWall-1 software	Unofficial
987	TCP		Microsoft Windows SBS SharePoint	Unofficial
989	TCP	UDP	FTPS Protocol (data): FTP over TLS/SSL	Official
990	TCP	UDP	FTPS Protocol (control): FTP over TLS/SSL	Official
991	TCP	UDP	NAS (Netnews Administration System) ^[42]	Official
992	TCP	UDP	TELNET protocol over TLS/SSL	Official
993	TCP		Internet Message Access Protocol over TLS/SSL (IMAPS)	Official
994	TCP	UDP	Internet Relay Chat over TLS/SSL (IRCS)	Official
995	TCP		Post Office Protocol 3 over TLS/SSL (POP3S)	Official
999	TCP		ScimoreDB Database System	Unofficial
1002	TCP		Opware agent (aka cogbot)	Unofficial
1010	TCP		ThinLinc Web Administration	Unofficial
1023	TCP	UDP	Reserved ^[1]	Official
1024	TCP	UDP	Reserved ^[1]	Official
1025	TCP		<u>NFS</u> or <u>IIS</u> or <u>Teradata</u>	Unofficial
1026	TCP		Often used by Microsoft <u>DCOM</u> services	Unofficial
1027	TCP		Task Scheduler	Unofficial
1027		UDP	Native IPv6 behind IPv4-to-IPv4 NAT Customer Premises Equipment (6a44) ^[43]	Official
1029	TCP		Often used by Microsoft <u>DCOM</u> services	Unofficial
1030	TCP		services.exe	Unofficial
1058	TCP	UDP	nim, <u>IBM AIX Network Installation Manager</u> (NIM)	Official

Port	TCP	UDP	Description	Status
1059	TCP	UDP	nimreg, <u>IBM AIX Network Installation Manager (NIM)</u>	Official
1064	TCP		<u>lsass.exe</u>	Unofficial
1080	TCP		<u>SOCKS proxy</u>	Official
1085	TCP	UDP	<u>WebObjects</u>	Official
1098	TCP	UDP	rmiactivation, <u>RMI Activation</u>	Official
1099	TCP	UDP	rmiregistry, <u>RMI Registry</u>	Official
1109	TCP	UDP	Reserved[1]	Official
1109	TCP		<u>Kerberos Post Office Protocol (KPOP)</u>	Unofficial
1110		UDP	<u>EasyBits School network discovery protocol (for Intel's CMPC platform)</u>	Unofficial
1119	TCP	UDP	Used by some <u>Blizzard games</u> [44]	Unofficial
1140	TCP	UDP	<u>AutoNOC protocol</u>	Official
1167		UDP	phone, conference calling	Unofficial
1169	TCP	UDP	Tripwire	Official
1176	TCP		<u>Perceptive Automation Indigo Home automation server—configuration and control access</u>	Official
1182	TCP	UDP	<u>AcceleNet Intelligent Transfer Protocol</u>	Official
1194	TCP	UDP	<u>OpenVPN</u>	Official
1198	TCP	UDP	The <u>cajo project</u> Free dynamic transparent distributed computing in Java	Official
1200	TCP		scol, protocol used by SCOL 3D virtual worlds server to answer world name resolution client request[45]	Official
1200		UDP	scol, protocol used by SCOL 3D virtual worlds server to answer world name resolution client request	Official
1200		UDP	<u>Steam Friends Applet</u>	Unofficial
1214	TCP		<u>Kazaa</u>	Official
1217	TCP		Uvora Online	Unofficial
1220	TCP		<u>QuickTime Streaming Server</u> administration	Official
1223	TCP	UDP	TGP, <u>TrulyGlobal Protocol</u> , also known as "The Gur Protocol" (named for Gur Kimchi of TrulyGlobal)	Official
1232	TCP	UDP	first-defense, Remote systems monitoring service from Nexum, Inc	Official
1234		UDP	<u>VLC media player</u> default port for UDP/RTP stream	Unofficial
1234	TCP		<u>Mercurial</u> and <u>git</u> default ports for serving Hyper Text	Unofficial
1236	TCP		Symantec BindView Control UNIX Default port for TCP management server connections	Unofficial
1241	TCP	UDP	<u>Nessus Security Scanner</u>	Official
1270	TCP	UDP	<u>Microsoft System Center Operations Manager (SCOM) (formerly Microsoft Operations Manager (MOM)) agent</u>	Official
1293	TCP	UDP	<u>IPSec (Internet Protocol Security)</u>	Official
1301	TCP		Palmer Performance OBDNet	Unofficial
1306	TCP	UDP	Boomerang	Official

Port	TCP	UDP	Description	Status
1309	TCP		<u>Altera</u> Quartus jtagd	Unofficial
1311	TCP		Dell <u>OpenManage</u> HTTPS	Official
1313	TCP		Xbiim (Canvii server)[<u>citation needed</u>]	Unofficial
1314	TCP		<u>Festival Speech Synthesis System</u>	Unofficial
1319	TCP		AMX ICSP	Official
1319		UDP	AMX ICSP	Official
1337	TCP	UDP	Men and Mice DNS	Official
1337	TCP		<u>WASTE</u> Encrypted File Sharing Program	Unofficial
1341	TCP	UDP	<u>Qubes</u> (Manufacturing Execution System)	Official
1344	TCP		<u>Internet Content Adaptation Protocol</u>	Official
1352	TCP		<u>IBM Lotus Notes/Domino</u> (RPC) protocol	Official
1387	TCP	UDP	cadsi-lm, LMS International (formerly Computer Aided Design Software, Inc. (CADSI)) LM	Official
1414	TCP		<u>IBM WebSphere MQ</u> (formerly known as <u>MQSeries</u>)	Official
1417	TCP	UDP	Timbuktu Service 1 Port	Official
1418	TCP	UDP	Timbuktu Service 2 Port	Official
1419	TCP	UDP	Timbuktu Service 3 Port	Official
1420	TCP	UDP	Timbuktu Service 4 Port	Official
1431	TCP		<u>Reverse Gossip Transport Protocol (RGTP)</u> , used to access a General-purpose Reverse-Ordered Gossip Gathering System (<u>GROGGS</u>) bulletin board, such as that implemented on the <u>Cambridge University's Phoenix system</u>	Official
1433	TCP		MSSQL (<u>Microsoft SQL Server database management system</u>) Server	Official
1434	TCP	UDP	MSSQL (<u>Microsoft SQL Server database management system</u>) Monitor	Official
1470	TCP		Solarwinds Kiwi Log Server	Official
1481	TCP	UDP	AIRS	Official
1494	TCP	UDP	<u>Citrix XenApp Independent Computing Architecture (ICA) thin client protocol</u> [46]	Official
1500	TCP		<u>IBM Tivoli Storage Manager</u> server	Unofficial
1500	TCP		NetGuard GuardianPro firewall (NT4-based) Remote Management	Unofficial
1501	TCP		<u>IBM Tivoli Storage Manager</u> client scheduler	Unofficial
1501		UDP	NetGuard GuardianPro firewall (NT4-based) Authentication Client	Unofficial
1503	TCP	UDP	<u>Windows Live Messenger</u> (Whiteboard and Application Sharing)	Unofficial
1512	TCP	UDP	<u>Microsoft Windows Internet Name Service (WINS)</u>	Official
1513	TCP	UDP	<u>Garena</u> Garena Gaming Client	Official
1521	TCP		nCube License Manager, SQLnet	Official
1521	TCP		<u>Oracle database</u> default listener, in future releases official port 2483	Unofficial
1524	TCP	UDP	ingreslock, ingres	Official
1526	TCP		<u>Oracle database</u> common alternative for listener	Unofficial
1527	TCP		<u>Apache Derby Network Server</u> default port	Unofficial

Port	TCP	UDP	Description	Status
1533	TCP		IBM <u>Sametime</u> IM—Virtual Places Chat <u>Microsoft SQL Server</u>	Official
1534		UDP	<u>Eclipse</u> Target Communication Framework (TCF) agent discovery[47]	Unofficial
1547	TCP	UDP	Laplink	Official
1550	TCP	UDP	3m-image-lm Image Storage license manager 3M Company	Official
1550			<u>Gadu-Gadu</u> (direct client-to-client)	Unofficial
1580	TCP		<u>IBM Tivoli Storage Manager</u> server web interface	Unofficial
1581	TCP		<u>IBM Tivoli Storage Manager</u> web client	Unofficial
1581		UDP	<u>MIL STD 2045-47001 VMF</u>	Official
1583	TCP		<u>Pervasive PSQL</u>	Unofficial
1589		UDP	Cisco <u>VQP</u> (VLAN Query Protocol) / <u>VMPS</u>	Unofficial
1590	TCP		GE Smallworld Datastore Server (SWMFS/Smallworld Master Filesystem)[citation needed]	Unofficial
1627			iSketch[citation needed]	Unofficial
1628	TCP		LonWorks Remote Network Interface (RNI)	Official
1628		UDP	LonWorks IP tunneling (ANSI EIA/CEA-852, EN 14908-4)	Official
1629	TCP		Alternate LonWorks Remote Network Interface (RNI)	Official
1629		UDP	LonWorks IP tunneling configuration server (ANSI EIA/CEA-852, EN 14908-4)	Official
1645	TCP	UDP	Old radius port, <u>RADIUS</u> authentication protocol. Enabled for compatibility reasons by default on <u>Cisco</u> and <u>Juniper Networks</u> RADIUS servers.[48] Official port is 1812.	Unofficial
1646	TCP	UDP	Old radacct port, <u>RADIUS</u> accounting protocol. Enabled for compatibility reasons by default on <u>Cisco</u> and <u>Juniper Networks</u> RADIUS servers. Official port is 1813.	Unofficial
1666	TCP		<u>Perforce</u>	Unofficial
1677	TCP	UDP	<u>Novell GroupWise</u> clients in client/server access mode	Official
1688	TCP		Microsoft <u>Key Management Service</u> for KMS Windows Activation	Unofficial
1700		UDP	Cisco RADIUS Change of Authorization for TrustSec[citation needed]	Unofficial
1701		UDP	<u>Layer 2 Forwarding Protocol (L2F)</u> & <u>Layer 2 Tunneling Protocol (L2TP)</u>	Official
1707	TCP	UDP	<u>Windward Studios</u>	Official
1707		TCP	Romtoc Interactive Modular Multiplayer Client-Server Online Application Interface & <u>Layer 2 Tunneling Protocol (L2TP)</u>	Unofficial
1716	TCP		<u>America's Army</u> Massively multiplayer online game (MMO)	Unofficial
1719		UDP	<u>H.323</u> Registration and alternate communication	Official
1720	TCP		<u>H.323</u> Call signalling	Official
1723	TCP	UDP	Microsoft <u>Point-to-Point Tunneling Protocol (PPTP)</u>	Official
1725		UDP	Valve <u>Steam</u> Client	Unofficial
1755	TCP	UDP	<u>Microsoft Media Services</u> (MMS, ms-streaming)	Official
1761		UDP	cft-0	Official
1761	TCP		cft-0	Official

Port	TCP	UDP	Description	Status
1761	TCP		<u>Novell Zenworks</u> Remote Control utility	Unofficial
1762–1768	TCP	UDP	cft-1 to cft-7	Official
1776	TCP	UDP	Federal Emergency Management Information System http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml	Official
1792	TCP	UDP	Moby[citation needed]	Unofficial
1801	TCP	UDP	<u>Microsoft Message Queuing</u>	Official
1812	TCP	UDP	radius, <u>RADIUS</u> authentication protocol	Official
1813	TCP	UDP	radacct, <u>RADIUS</u> accounting protocol	Official
1863	TCP		<u>MSNP (Microsoft Notification Protocol)</u> , used by the <u>Microsoft Messenger service</u> and a number of <u>Instant Messaging clients</u>	Official
1883	TCP	UDP	<u>MQ Telemetry Transport (MQTT)</u> , formerly known as MQIsdp (MQSeries SCADA protocol)	Official
1886	TCP		Leonardo over IP Pro2col Ltd	Unofficial
1900		UDP	Microsoft <u>SSDP</u> Enables discovery of <u>UPnP</u> devices	Official
1920	TCP		<u>IBM Tivoli</u> monitoring console	Unofficial
1935	TCP		<u>Adobe Systems Macromedia Flash Real Time Messaging Protocol (RTMP)</u> "plain" protocol	Official
1947	TCP	UDP	SentinelSRM (hasplm), Aladdin HASP License Manager	Official
1967		UDP	Cisco IOS IP Service Level Agreements (IP SLAs) Control Protocol[citation needed]	Unofficial
1972	TCP	UDP	<u>InterSystems Caché</u>	Official
1975–1977		UDP	Cisco <u>TCO (Documentation)</u>	Official
1984	TCP		<u>Big Brother</u> and related <u>Xymon</u> (formerly Hobbit) System and Network Monitor	Official
1985		UDP	<u>Cisco HSRP</u>	Official
1992 - 1993	TCP	UDP	Bobwillneverdie Multiplayer	Unofficial
1994	TCP	UDP	<u>Cisco STUN-SDLC (Serial Tunneling—Synchronous Data Link Control)</u> protocol	Official
1997	TCP		Chizmo Networks Transfer Tool[citation needed]	Unofficial
1998	TCP	UDP	<u>Cisco X.25 over TCP (XOT)</u> service	Official
2000	TCP	UDP	<u>Cisco SCCP (Skinny)</u>	Official
2001		UDP	<u>CAPTAN</u> Test Stand System	Unofficial
2002	TCP		Secure Access Control Server (ACS) for Windows[citation needed]	Unofficial
2008	TCP		Stylex Secured server	Unofficial
2010	TCP		<u>Artemis: Spaceship Bridge Simulator</u> default port	Unofficial
2014	TCP		<u>Remoticus</u>	Unofficial
2030			<u>Oracle</u> services for <u>Microsoft Transaction Server</u>	Unofficial
2031	TCP	UDP	mobrien-chat(http://chat.mobrien.com:2031)	Official

Port	TCP	UDP	Description	Status
2041	TCP		Mail. Ru Agent communication protocol[citation needed]	Unofficial
2049	TCP	UDP	<u>Network File System</u>	Official
2049		UDP	shilp	Official
2053	TCP		knetd <u>Kerberos</u> de-multiplexor	Unofficial
2055	TCP	UDP	Iliad-Odyssey Protocol	Official
2056		UDP	<u>Civilization 4</u> multiplayer	Unofficial
2074	TCP	UDP	Vertel VMF SA (i.e. App.. SpeakFreely)	Official
2080	TCP	UDP	<u>Autodesk NLM (FLEXlm)</u>	Official
2082	TCP		Infowave Mobility Server	Official
2082	TCP		<u>CPanel</u> default	Unofficial
2083	TCP		Secure Radius Service (radsec)	Official
2083	TCP		<u>CPanel</u> default <u>SSL</u>	Unofficial
2086	TCP		<u>GNUnet</u>	Official
2086	TCP		<u>WebHost Manager</u> default	Unofficial
2087	TCP		<u>WebHost Manager</u> default <u>SSL</u>	Unofficial
2095	TCP		<u>CPanel</u> default Web mail	Unofficial
2096	TCP		<u>CPanel</u> default <u>SSL</u> Web mail	Unofficial
2100	TCP		<u>Warzone 2100</u> multiplayer	Unofficial
2102	TCP	UDP	zephyr-srv <u>Project Athena</u> Zephyr Notification Service server	Official
2103	TCP	UDP	zephyr-clt <u>Project Athena</u> Zephyr Notification Service serv-hm connection	Official
2104	TCP	UDP	zephyr-hm <u>Project Athena</u> Zephyr Notification Service hostmanager	Official
2105	TCP	UDP	<u>IBM</u> MiniPay	Official
2105	TCP	UDP	eklogin <u>Kerberos</u> encrypted remote login (rlogin)	Unofficial
2105	TCP	UDP	zephyr-hm-srv <u>Project Athena</u> Zephyr Notification Service hm-serv connection (should use port 2102)	Unofficial
2115	TCP	UDP	MIS Department	Unofficial
2121	TCP		FTP proxy[citation needed]	Unofficial
2142		UDP	TDMoIP (RFC 5087)	Official
2144	TCP		Iron Mountain LiveVault Agent[citation needed]	Unofficial
2145	TCP		Iron Mountain LiveVault Agent[citation needed]	Unofficial
2156		UDP	Talari Reliable Protocol	Official
2160	TCP		<u>APC</u> Agent	Official
2161	TCP		<u>APC</u> Agent	Official
2179	TCP		VMConnect to Hyper-V hosts	Official
2181	TCP	UDP	<u>EForward</u> -document transport system	Official
2190		UDP	TiVoConnect Beacon[citation needed]	Unofficial
2195	TCP		Apple Push Notification service <u>Link</u>	Unofficial

Port	TCP	UDP	Description	Status
2196	TCP		Apple Push Notification—Feedback Link	Unofficial
2200		UDP	Tuxanci game server[49]	Unofficial
2210		UDP	NOAAPORT Broadcast Network	Official
2210	TCP		NOAAPORT Broadcast Network	Official
2210	TCP		MikroTik Remote management for "The Dude"	Unofficial
2211		UDP	EMWIN	Official
2211	TCP		EMWIN	Official
2211	TCP		MikroTik Secure management for "The Dude"	Unofficial
2212		UDP	LeeCO POS Server Service	Official
2212	TCP		LeeCO POS Server Service	Official
2212	TCP		Port-A-Pour Remote WinBatch	Unofficial
2219	TCP	UDP	NetIQ NCAP Protocol	Official
2220	TCP	UDP	NetIQ End2End	Official
2221	TCP		ESET Anti-virus updates	Unofficial
2222	TCP		DirectAdmin default & ESET Remote Administration	Unofficial
2223		UDP	Microsoft Office OS X antipiracy network monitor[citation needed]	Unofficial
2261	TCP	UDP	CoMotion Master	Official
2262	TCP	UDP	CoMotion Backup	Official
2301	TCP		HP System Management Redirect to port 2381[citation needed]	Unofficial
2302		UDP	ArmA multiplayer (default for game)	Unofficial
2302		UDP	Halo: Combat Evolved multiplayer	Unofficial
2303		UDP	ArmA multiplayer (default for server reporting) (default port for game +1)	Unofficial
2305		UDP	ArmA multiplayer (default for VoN) (default port for game +3)	Unofficial
2323	TCP		Philips TVs based on jointSPACE[50]	Unofficial
2345	TCP		Default Used by Symon Communications - Symon2KpipeServer -can be changed by administrator to anything	Unofficial
2368	TCP		Used by Ghost Blogging Platform	Unofficial
2369	TCP		Default for BMC Software Control-M/Server —Configuration Agent, though often changed during installation	Official
2370	TCP		Default for BMC Software Control-M/Server —to allow the Control-M/Enterprise Manager to connect to the [[BMC Control-M Control-M/Server]], though often changed during installation Official	
2375	TCP		Docker REST API (plain)	Official
2376	TCP		Docker REST API (SSL)	Official
2379	TCP		KGS Go Server	Unofficial
2381	TCP		HP Insight Manager default for Web server[citation needed]	Unofficial
2399	TCP		FileMaker Data Access Layer (ODBC/JDBC)	Official

Port	TCP	UDP	Description	Status
2401	TCP		<u>CVS</u> version control system	Unofficial
2404	TCP		<u>IEC 60870-5 -104</u> , used to send <u>electric power telecontrol messages</u> between two systems via directly connected <u>data circuits</u>	Official
2420		UDP	Westell Remote Access	Official
2424	TCP		<u>OrientDB</u> database listening for Binary client connections	Official
2427		UDP	Cisco <u>MGCP</u>	Official
2447	TCP	UDP	ovwdb— <u>OpenView Network Node Manager (NNM)</u> daemon	Official
2463	TCP	UDP	LSI RAID Management formerly Symbios Logic	Official
2480	TCP		<u>OrientDB</u> database listening for HTTP client connections	Official
2483	TCP	UDP	<u>Oracle database</u> listening for unsecure client connections to the listener, replaces port 1521	Official
2484	TCP	UDP	<u>Oracle database</u> listening for <u>SSL</u> client connections to the listener	Official
2500	TCP		THEÒSMESSSENGER listening for TheòsMessenger client connections	Official
2501	TCP		TheosNet-Admin listening for TheòsMessenger client connections	Official
2518	TCP	UDP	Willy	Official
2525	TCP		SMTP alternate[citation needed]	Unofficial
2535	TCP		MADCAP—Multicast Address Dynamic Client Allocation Protocol	Official
2540	TCP	UDP	LNS/OpenLns Remote Server	Official
2541	TCP		LNS/OpenLns Remote Server	Official
2541		UDP	LonTalk/IP	Official
2546	TCP	UDP	<u>EVault</u> data protection services	Unofficial
2593	TCP	UDP	RunUO— <u>Ultima Online</u> server	Unofficial
2598	TCP		new ICA (Citrix) —when Session Reliability is enabled, TCP port 2598 replaces port 1494[46]	Unofficial
2599	TCP		<u>SonicWALL</u> anti-spam traffic between Remote Analyzer (RA) and Control Center (CC)	Unofficial
2610	TCP		TrackiT mobile device monitoring	Unofficial
2612	TCP	UDP	QPasa from MQSoftware	Official
2636	TCP		Solve Service	Official
2638	TCP		SQL Anywhere database server[51][52]	Official
2641	TCP	UDP	HDL Server from CNRI	Official
2642	TCP	UDP	Tragic	Official
2698	TCP	UDP	Citel / MCK IVPIP	Official
2700–2800	TCP		KnowShowGo P2P	Official
2703	TCP		<u>Vipul's Razor</u> distributed, collaborative, spam-detection-and-filtering network	Unofficial
2710	TCP		<u>XBT Tracker</u>	Unofficial
2710		UDP	<u>XBT Tracker</u> experimental UDP tracker extension	Unofficial
2710	TCP		Knuddels.de[citation needed]	Unofficial

Port	TCP	UDP	Description	Status
2735	TCP	UDP	<u>NetIQ</u> Monitor Console	Official
2809	TCP		corbaloc:iiop URL, per the <u>CORBA</u> 3.0.3 specification	Official
2809	TCP		IBM <u>WebSphere</u> Application Server (WAS) <u>Bootstrap/rmi</u> default	Unofficial
2809		UDP	corbaloc:iiop URL, per the <u>CORBA</u> 3.0.3 specification.	Official
2811	TCP		gsi ftp, per the <u>GridFTP</u> specification	Official
2827	TCP		<u>I2P</u> Basic Open Bridge API	Unofficial
2868	TCP	UDP	Norman Proprietary Event Protocol NPEP	Official
2944		UDP	<u>Megaco</u> text H.248	Unofficial
2945		UDP	<u>Megaco</u> binary (ASN.1) H.248	Unofficial
2947	TCP		<u>gpsd</u> GPS daemon	Official
2948	TCP	UDP	<u>WAP-push</u> <u>Multimedia Messaging Service</u> (MMS)	Official
2949	TCP	UDP	<u>WAP-pushsecure</u> <u>Multimedia Messaging Service</u> (MMS)	Official
2967	TCP		<u>Symantec AntiVirus</u> Corporate Edition	Unofficial
3000	TCP		Miralix License server[citation needed]	Unofficial
3000	TCP		<u>Cloud9</u> Integrated Development Environment server	Unofficial
3000		UDP	<u>Distributed Interactive Simulation</u> (DIS), modifiable default	Unofficial
3000	TCP		<u>Ruby on Rails</u> development default[53]	Unofficial
3000	TCP		Meteor development default[54]	Unofficial
3001	TCP		Miralix Phone Monitor[citation needed]	Unofficial
3001	TCP		<u>Opware</u> server (Satellite)	Unofficial
3002	TCP		Miralix CSTA[citation needed]	Unofficial
3003	TCP		Miralix GreenBox API[citation needed]	Unofficial
3004	TCP		Miralix InfoLink[citation needed]	Unofficial
3005	TCP		Miralix TimeOut[citation needed]	Unofficial
3006	TCP		Miralix SMS Client Connector[citation needed]	Unofficial
3007	TCP		Miralix OM Server[citation needed]	Unofficial
3008	TCP		Miralix Proxy[citation needed]	Unofficial
3017	TCP		Miralix IVR and Voicemail[citation needed]	Unofficial
3020	TCP	UDP	<u>CIFS / SMB</u>	Official
3025	TCP		netpd.org[citation needed]	Unofficial
3030	TCP	UDP	NetPanzer	Unofficial
3040	TCP	UDP	GoLabs Update Port / Project Open Cannibal Update Port	Official
3050	TCP	UDP	gds_db (<u>Interbase</u> / <u>Firebird</u>)	Official
3051	TCP	UDP	Galaxy Server (Gateway Ticketing Systems)	Official
3052	TCP	UDP	<u>APC</u> <u>PowerChute</u> Network[1]	Official
3071	TCP	UDP	Call of duty Black ops port	Official
3074	TCP	UDP	Xbox LIVE and/or <u>Games for Windows – Live</u>	Official

Port	TCP	UDP	Description	Status
3100	TCP		SMAUSA OpCon Scheduler as the default listen port[citation needed]	Official
3101	TCP		<u>BlackBerry Enterprise Server</u> communication to cloud	Unofficial
3119	TCP		D2000 Entis/Actis Application server	Official
3128	TCP		<u>Web caches</u> and the default for the <u>Squid (software)</u>	Unofficial
3128	TCP		Tatsoft default client connection[citation needed]	Unofficial
3141	TCP		<u>devpi Python</u> package server[55]	Unofficial
3162	TCP	UDP	SFLM (Standard Floating License Manager)	Official
3225	TCP	UDP	<u>FCIP</u> (Fiber Channel over Internet Protocol)	Official
3233	TCP	UDP	<u>WhiskerControl</u> research control protocol	Official
3235	TCP	UDP	Galaxy Network Service (Gateway Ticketing Systems)	Official
3260	TCP		<u>iSCSI</u> target	Official
3268	TCP	UDP	msft-gc, Microsoft Global Catalog (<u>LDAP</u> service which contains data from <u>Active Directory</u> forests)	Official
3269	TCP	UDP	msft-gc-ssl, Microsoft Global Catalog over <u>SSL</u> (similar to port 3268, <u>LDAP</u> over <u>SSL</u>)	Official
3283	TCP		<u>Apple Remote Desktop</u> reporting (officially Net Assistant, referring to an earlier product)	Official
3290		UDP	Used by <u>VATSIM</u> , the Virtual Air Traffic Simulation network for voice communication.	Unofficial
3299	TCP		SAP-Router (routing application proxy for <u>SAP R/3</u>)	Unofficial
3300	TCP	UDP	Debate Gopher backend database system[citation needed]	Unofficial
3305	TCP	UDP	odette-ftp, <u>Odette File Transfer Protocol</u> (OFTP)	Official
3306	TCP	UDP	<u>MySQL</u> database system	Official
3313	TCP		<u>Verisys</u> file integrity monitoring software	Unofficial
3316	TCP		<u>AzimuthVMS</u> database port for the CCTV recording software AzimuthVMS	Unofficial
3333	TCP		<u>Eggdrop</u> , an IRC bot default port[56]	Unofficial
3333	TCP		<u>Network Caller ID</u> server	Unofficial
3333	TCP		<u>CruiseControl.rb</u> [57]	Unofficial
3386	TCP	UDP	<u>GTP' 3GPP GSM/UMTS CDR</u> logging protocol	Official
3389	TCP	UDP	Microsoft Terminal Server (<u>RDP</u>) officially registered as Windows Based Terminal (WBT)[58]	Official
3396	TCP	UDP	<u>Novell</u> NDPS Printer Agent	Official
3412	TCP	UDP	xmlBlaster	Official
3455	TCP	UDP	[RSVP] Reservation Protocol	Official
3423	TCP		Xware xTrm Communication Protocol	Official
3424	TCP		Xware xTrm Communication Protocol over SSL	Official
3478	TCP	UDP	<u>STUN</u> , a protocol for NAT traversal[59]	Official
3478	TCP	UDP	<u>TURN</u> , a protocol for NAT traversal[60]	Official
3483		UDP	<u>Slim Devices</u> discovery protocol	Official

Port	TCP	UDP	Description	Status
3483	TCP		<u>Slim Devices</u> SlimProto protocol	Official
3493	TCP	UDP	<u>Network UPS Tools</u> (NUT)	Official
3516	TCP	UDP	Smartcard Port	Official
3527		UDP	<u>Microsoft Message Queuing</u>	Official
3535	TCP		<u>SMTP</u> alternate[61]	Unofficial
3537	TCP	UDP	ni-visa-remote[citation needed]	Unofficial
3544		UDP	<u>Teredo tunneling</u>	Official
3562	TCP	UDP	SDBProxy Simple DataBase <u>middle-ware</u> and proxy	Official
3605		UDP	ComCam IO Port	Official
3606	TCP	UDP	Splitlock Server	Official
3632	TCP		<u>distributed compiler</u>	Official
3659		UDP	Known to be used by [Battlefield 4]	Official
3689	TCP		<u>Digital Audio Access Protocol</u> (DAAP)—used by <u>Apple's iTunes</u> and <u>AirPort Express</u>	Official
3690	TCP	UDP	<u>Subversion (SVN)</u> version control system	Official
3702	TCP	UDP	<u>Web Services Dynamic Discovery</u> (WS-Discovery), used by various components of <u>Windows Vista</u> and later	Official
3724	TCP	UDP	Used by some <u>Blizzard</u> games[44]	Official
3724	TCP		<u>Club Penguin</u> Disney online game for kids	Unofficial
3725	TCP	UDP	Netia NA-ER Port	Official
3768	TCP	UDP	RBLcheckd server daemon	Official
3784	TCP	UDP	VoIP program used by <u>Ventrilo</u>	Unofficial
3785		UDP	VoIP program used by <u>Ventrilo</u>	Unofficial
3799		UDP	<u>RADIUS</u> change of authorization	Unofficial
3800	TCP		Used by HGG programs[citation needed]	Unofficial
3804	TCP	UDP	Used by Harman Professional HiQnet protocol	Official
3825	TCP		Used by RedSeal Networks client/server connection[citation needed]	Unofficial
3826	TCP	UDP	<u>WarMUX</u> game server	Official
3826	TCP		Used by RedSeal Networks client/server connection[citation needed]	Unofficial
3835	TCP		Used by RedSeal Networks client/server connection[citation needed]	Unofficial
3841	TCP		ShipRush <u>client/server communication</u>	Official
3830	TCP	UDP	System Management Agent, developed and used by Cerner to monitor and manage solutions	Official
3880	TCP	UDP	IGRS	Official
3868	TCP	<u>SCTP</u>	<u>Diameter</u> base protocol (<u>RFC 3588</u>)	Official
3872	TCP		Oracle Management Remote Agent[citation needed]	Unofficial
3899	TCP		<u>Remote Administrator</u>	Unofficial
3900	TCP		udt_os, <u>IBM UniData</u> UDT OS[62]	Official

Port	TCP	UDP	Description	Status
3945	TCP	UDP	EMCADS service, a <u>Giritech</u> product used by G/On	Official
3960		UDP	Warframe Online	Unofficial
3962		UDP	Warframe Online	Unofficial
3978	TCP	UDP	<u>OpenTTD</u> game (masterserver and content service)	Unofficial
3979	TCP	UDP	<u>OpenTTD</u> game	Unofficial
3999	TCP	UDP	Norman distributed scanning service	Official
4000	TCP	UDP	<u>Diablo II</u> game	Unofficial
4001	TCP		<u>Microsoft Ants</u> game	Unofficial
4007	TCP		PrintBuzzer printer monitoring socket server[citation needed]	Unofficial
4018	TCP	UDP	protocol information and warnings	Official
4035	TCP	TCP	<u>IBM</u> Rational Developer for System z Remote System Explorer Daemon	Unofficial
4045	TCP	UDP	<u>Solaris</u> lockd NFS lock daemon/manager	Unofficial
4069		UDP	<u>Minger Email Address Verification Protocol</u> [63]	Official
4089	TCP	UDP	OpenCORE Remote Control Service	Official
4093	TCP	UDP	PxPlus Client server interface <u>ProvideX</u>	Official
4096	TCP	UDP	<u>Ascom Timeplex BRE</u> (Bridge Relay Element)	Official
4100			<u>WatchGuard</u> authentication applet default	Unofficial
4105	TCP	UDP	Shofar (ShofarNexus)	Official
4111	TCP		<u>Xgrid</u>	Official
4116	TCP	UDP	Smartcard-TLS	Official
4117	TCP		WatchGuard System Manager	Unofficial
4125	TCP		<u>Microsoft Remote Web Workplace</u> administration	Unofficial
4172	TCP	UDP	<u>Teradici PCoIP</u>	Official
4190	TCP		ManageSieve[64]	Official
4201	TCP		<u>TinyMUD</u> and various derivatives	Unofficial
4226	TCP	UDP	<u>Aleph One (game)</u>	Unofficial
4224	TCP		Cisco Audio Session Tunneling[citation needed]	Unofficial
4242	TCP		Reverse Battle Tetris	Unofficial
4242	TCP		<u>Orthanc</u> —default <u>DICOM</u> port	Unofficial
4242	TCP		<u>Quassel</u> distributed IRC client	Unofficial
4243	TCP		Commonly used by <u>Docker</u> implementations, redistributions, and setups[65][66][67]	Unofficial
4243	TCP		CrashPlan	Unofficial
4303	TCP	UDP	Simple Railroad Command Protocol (SRCP)	Official
4321	TCP		<u>Referral Whois (RWhois) Protocol</u> [68]	Official
4323		UDP	Lincoln Electric's ArcLink/XT[citation needed]	Unofficial
4443	TCP	UDP	<u>Individual Zone Solutions P/L</u> Remote Mail Checking Protocol	Official

Port	TCP	UDP	Description	Status
4444	TCP	UDP	<u>Oracle</u> WebCenter Content: Content Server—Intradoc Socket port. (formerly known as Oracle Universal Content Management). Port though often changed during installation <u>Metasploit</u> : Default listener port	Unofficial
4444–4445	TCP		<u>I2P</u> HTTP/S proxy	Unofficial
4486	TCP	UDP	Integrated Client Message Service (ICMS)	Official
4500		UDP	<u>IPSec NAT Traversal</u> (RFC 3947)	Official
4502–4534	TCP		Microsoft Silverlight connectable ports under non-elevated trust	Official
4505	TCP		<u>Salt</u> master	Unofficial
4506	TCP		<u>Salt</u> master	Unofficial
4534		UDP	<u>Armagetron Advanced</u> default server port	Unofficial
4554	TCP		Default <u>Wesk</u> [69] Self-Hosting Port	Unofficial
4560	TCP		default <u>Log4j</u> socketappender port	Unofficial
4567	TCP		<u>Sinatra</u> default server port in development mode (HTTP)	Unofficial
4569		UDP	<u>Inter-Asterisk eXchange</u> (IAX2)	Official
4610–4640	TCP		<u>QualiSystems</u> TestShell Suite Services	Unofficial
4662		UDP	OrbitNet Message Service	Official
4662	TCP		OrbitNet Message Service	Official
4662	TCP		Default for older versions of <u>eMule</u> [70]	Unofficial
4664	TCP		<u>Google Desktop Search</u>	Unofficial
4672		UDP	Default for older versions of <u>eMule</u> [70]	Unofficial
4711	TCP		<u>eMule</u> optional web interface[70]	Unofficial
4711	TCP		McAfee Web Gateway 7—Default GUI Port HTTP[citation needed]	Unofficial
4712	TCP		McAfee Web Gateway 7—Default GUI Port HTTPS[citation needed]	Unofficial
4713	TCP		<u>PulseAudio</u> sound server	Unofficial
4728	TCP		Computer Associates Desktop and Server Management (DMP)/Port Multiplexer[71]	Official
4730	TCP	UDP	<u>Gearman</u> ' job server	Official
4732		UDP	<u>Digital Airways</u> ' OHM server's commands to mobile devices (used mainly for binary SMS)	Official
4747	TCP		<u>Apprentice</u>	Unofficial
4750	TCP		<u>BladeLogic</u> Agent	Unofficial
4753	TCP	UDP	SIMON (service and discovery)	Official
4840	TCP	UDP	OPC UA TCP Protocol for <u>OPC Unified Architecture</u> from <u>OPC Foundation</u>	Official
4843	TCP	UDP	OPC UA TCP Protocol over TLS/SSL for <u>OPC Unified Architecture</u> from <u>OPC Foundation</u>	Official
4847	TCP	UDP	Web Fresh Communication, Quadrion Software & Odorless Entertainment	Official
4894	TCP	UDP	<u>LysKOM</u> Protocol A	Official

Port	TCP	UDP	Description	Status
4899	TCP	UDP	<u>Radmin</u> remote administration tool	Official
4949	TCP		Munin Resource Monitoring Tool	Official
4950	TCP	UDP	Cylon Controls UC32 Communications Port	Official
4982	TCP	UDP	Solar Data Log (JK client app for PV solar inverters)[<u>citation needed</u>]	Unofficial
4993	TCP	UDP	Home FTP Server web Interface Default Port[<u>citation needed</u>]	Unofficial
5000	TCP		complex-main	Official
5000	TCP		<u>UPnP</u> —Windows network device interoperability	Unofficial
5000	TCP	UDP	<u>VTun</u> —VPN Software	Unofficial
5000		UDP	<u>FlightGear</u> multiplayer[72]	Unofficial
5000	TCP		<u>Synology Inc.</u> Management Console, File Station, Audio Station	Unofficial
5000	TCP		<u>Flask</u> Development Webserver	Unofficial
5000	TCP		<u>Heroku</u> console access	Official
5001	TCP		complex-link	Official
5001	TCP		<u>Slingbox</u> and Slingplayer	Unofficial
5001	TCP		<u>Iperf</u> (Tool for measuring TCP and UDP bandwidth performance)	Unofficial
5001		UDP	<u>Iperf</u> (Tool for measuring TCP and UDP bandwidth performance)	Unofficial
5001	TCP		<u>Synology Inc.</u> Secured Management Console, File Station, Audio Station	Unofficial
5002	TCP		SOLICARD ARX[73]	Unofficial
5002		UDP	Drobo Dashboard[74]	Unofficial
5003	TCP	UDP	<u>FileMaker</u>	Official
5004	TCP	UDP	<u>RTP</u> (Real-time Transport Protocol) media data (<u>RFC 3551</u> , <u>RFC 4571</u>)	Official
5004	<u>DCCP</u>		<u>RTP</u> (Real-time Transport Protocol) media data (<u>RFC 3551</u> , <u>RFC 4571</u>)	Official
5005	TCP	UDP	<u>RTCP</u> (Real-time Transport Protocol) control protocol (<u>RFC 3551</u> , <u>RFC 4571</u>)	Official
5005	<u>DCCP</u>		<u>RTCP</u> (Real-time Transport Protocol) control protocol (<u>RFC 3551</u> , <u>RFC 4571</u>)	Official
5010	TCP	UDP	Registered to: TelePath (the IBM FlowMark <u>workflow-management system</u> messaging platform)[75] The TCP port is now used for: IBM <u>WebSphere MQ</u> Workflow	Official
5011	TCP	UDP	TelePath (the IBM FlowMark <u>workflow-management system</u> messaging platform)[75]	Official
5029	TCP		<u>Sonic Robo Blast 2</u> : Multiplayer[76]	Unofficial
5031	TCP	UDP	AVM CAPI-over-TCP (ISDN over <u>Ethernet</u> tunneling)[<u>citation needed</u>]	Unofficial
5037	TCP		Android ADB server	Unofficial
5050	TCP		<u>Yahoo! Messenger</u>	Unofficial
5051	TCP		ita-agent <u>Symantec</u> Intruder Alert[77]	Official
5060	TCP	UDP	<u>Session Initiation Protocol</u> (SIP)	Official
5061	TCP		<u>Session Initiation Protocol</u> (SIP) over <u>TLS</u>	Official
5062	TCP	UDP	Localisation access	Official
5064	TCP	UDP	<u>EPICS Channel Access Server</u> [78]	Official

Port	TCP	UDP	Description	Status
5065	TCP	UDP	<u>EPICS Channel Access</u> Repeater Beacon[79]	Official
5070	TCP		<u>Binary Floor Control Protocol</u> (BFCP)[80]	Unofficial
5082	TCP	UDP	Qpur Communication Protocol	Official
5083	TCP	UDP	Qpur File Protocol	Official
5084	TCP	UDP	<u>EPCglobal</u> Low Level Reader Protocol (LLRP)	Official
5085	TCP	UDP	<u>EPCglobal</u> Low Level Reader Protocol (LLRP) over <u>TLS</u>	Official
5093		UDP	<u>SafeNet, Inc</u> Sentinel LM, Sentinel RMS, License Manager, Client-to-Server	Official
5099	TCP	UDP	<u>SafeNet, Inc</u> Sentinel LM, Sentinel RMS, License Manager, Server-to-Server	Official
5104	TCP		<u>IBM Tivoli Framework</u> NetCOOL/Impact[81] HTTP Service	Unofficial
5106	TCP		A-Talk Common connection[citation needed]	Unofficial
5107	TCP		A-Talk Remote server connection[citation needed]	Unofficial
5108	TCP		VPOP3 Mail Server Webmail[citation needed]	Unofficial
5109	TCP	UDP	VPOP3 Mail Server Status[citation needed]	Unofficial
5110	TCP		<u>ProRat</u> Server	Unofficial
5121	TCP		<u>Neverwinter Nights</u>	Unofficial
5124	TCP	UDP	TorgaNET (<u>Micronational Darknet</u>)	Unofficial
5125	TCP	UDP	TorgaNET (<u>Micronational Intelligence Darknet</u>)	Unofficial
5150	TCP	UDP	ATMP Ascend Tunnel Management Protocol[82]	Official
5150	TCP	UDP	<u>Malware Cerberus RAT</u> [citation needed]	Unofficial
5151	TCP		<u>ESRI</u> SDE Instance	Official
5151		UDP	<u>ESRI</u> SDE Remote Start	Official
5154	TCP	UDP	<u>BZFlag</u>	Official
5176	TCP		ConsoleWorks default UI interface[citation needed]	Unofficial
5190	TCP		<u>ICQ</u> and <u>AOL</u> Instant Messenger	Official
5222	TCP		<u>Extensible Messaging and Presence Protocol</u> (XMPP) client connection[83][84]	Official
5223	TCP		<u>Extensible Messaging and Presence Protocol</u> (XMPP) client connection over <u>SSL</u>	Unofficial
5228	TCP		HP Virtual Room Service	Official
5228	TCP		<u>Google Play</u> , <u>Android Cloud to Device Messaging Service</u> , <u>Google Cloud Messaging</u>	Unofficial
5246		UDP	Control And Provisioning of Wireless Access Points (<u>CAPWAP</u>) CAPWAP control[85]	Official
5247		UDP	Control And Provisioning of Wireless Access Points (<u>CAPWAP</u>) CAPWAP data[85]	Official
5269	TCP		<u>Extensible Messaging and Presence Protocol</u> (XMPP) server connection[83][84]	Official
5280	TCP		<u>Extensible Messaging and Presence Protocol</u> (XMPP) XEP-0124: Bidirectional-streams Over Synchronous HTTP (BOSH)	Official
5281	TCP		Undo License Manager	Official
5281	TCP		<u>Extensible Messaging and Presence Protocol</u> (XMPP)[86]	Unofficial

Port	TCP	UDP	Description	Status
5298	TCP	UDP	<u>Extensible Messaging and Presence Protocol (XMPP)</u> [87]	Official
5310	TCP	UDP	<u>Outlaws (1997 video game)</u> . Both UDP and TCP are reserved, but only UDP is used	Official
5349	TCP		<u>STUN</u> , a protocol for <u>NAT traversal</u> (UDP is reserved)[59]	Official
5349	TCP		<u>TURN</u> , a protocol for <u>NAT traversal</u> (UDP is reserved)[60]	Official
5351	TCP	UDP	<u>NAT Port Mapping Protocol</u> —client-requested configuration for inbound connections through <u>network address translators</u>	Official
5353		UDP	<u>Multicast DNS (mDNS)</u>	Official
5355	TCP	UDP	<u>LLMNR</u> —Link-Local Multicast Name Resolution, allows <u>hosts</u> to perform <u>name resolution</u> for hosts on the same <u>local link</u> (only provided by <u>Windows Vista</u> and <u>Server 2008</u>)	Official
5357	TCP	UDP	<u>Web Services for Devices (WSDAPI)</u> (only provided by <u>Windows Vista</u> , <u>Windows 7</u> and <u>Server 2008</u>)	Unofficial
5358	TCP	UDP	<u>WSDAPI Applications to Use a Secure Channel</u> (only provided by <u>Windows Vista</u> , <u>Windows 7</u> and <u>Server 2008</u>)	Unofficial
5394		UDP	Kega Fusion, a Sega multi-console emulator[88][89]	Unofficial
5402	TCP	UDP	mftp, Stratacache[90] <u>OmniCast content delivery system</u> <u>MFTP file sharing</u> protocol	Official
5405	TCP	UDP	<u>NetSupport Manager</u>	Official
5412	TCP	UDP	<u>IBM Rational Synergy (Telelogic Synergy)</u> (Continuous CM) Message Router	Official
5413	TCP	UDP	<u>Wonderware SuiteLink</u> service	Official
5421	TCP	UDP	<u>NetSupport Manager</u>	Official
5432	TCP	UDP	<u>PostgreSQL</u> database system	Official
5433	TCP		Bouwsoft file/webserver[91]	Unofficial
5445		UDP	<u>Cisco Unified Video Advantage</u> [citation needed]	Unofficial
5450	TCP		<u>OSIsoft PI Server Client Access</u>	Unofficial
5454	TCP		<u>OSIsoft PI Asset Framework 1.x Client Access</u>	Unofficial
5455	TCP		<u>OSIsoft PI Asset Framework 1.x Client Access</u>	Unofficial
5457	TCP		<u>OSIsoft PI Asset Framework 2.x Client Access</u>	Unofficial
5458	TCP		<u>OSIsoft PI Notifications Client Access</u>	Unofficial
5459	TCP		<u>OSIsoft PI Asset Framework 2.x Client Access</u>	Unofficial
5480	TCP		<u>VMware VAMI</u> (Virtual Appliance Management Infrastructure)—used for initial setup of various administration settings on Virtual Appliances designed using the VAMI architecture.	Unofficial
5495	TCP		<u>IBM Cognos TM1</u> Admin server	Unofficial
5498	TCP		<u>Hotline</u> tracker server connection	Unofficial
5499		UDP	<u>Hotline</u> tracker server discovery	Unofficial
5500	TCP		<u>VNC</u> remote desktop protocol—for incoming listening viewer, <u>Hotline</u> control connection	Unofficial
5501	TCP		<u>Hotline</u> file transfer connection	Unofficial

Port	TCP	UDP	Description	Status
5517	TCP		<u>Setiqueue</u> Proxy server client for <u>SETI@Home</u> project	Unofficial
5550	TCP		<u>Hewlett-Packard</u> Data Protector[citation needed]	Unofficial
5555	TCP	UDP	<u>Oracle</u> WebCenter Content: Inbound Refinery—Intradoc Socket port. (formerly known as Oracle <u>Universal Content Management</u>). Port though often changed during installation	Unofficial
5555	TCP		<u>Freeciv</u> versions up to 2.0, <u>Hewlett-Packard</u> Data Protector, <u>McAfee</u> EndPoint Encryption Database Server, <u>SAP</u> , Default for Microsoft Dynamics CRM 4.0	Unofficial
5556	TCP	UDP	<u>Freeciv</u> , <u>Oracle</u> WebLogic Server Node Manager[92]	Official
5591	TCP		Default for Tidal Enterprise Scheduler master-Socket used for communication between Agent-to-Master, though can be changed[citation needed]	Unofficial
5631	TCP		pcANYWHEREdata, <u>Symantec</u> pcAnywhere (version 7.52 and later[93])[94] data	Official
5632		UDP	pcANYWHEREstat, <u>Symantec</u> pcAnywhere (version 7.52 and later) status	Official
6541	TCP		MirrorOp2 (default)	Unofficial
6542	TCP		MirrorOp2 (fallback)	Unofficial
5656	TCP		<u>IBM Lotus Sametime</u> p2p file transfer	Unofficial
5666	TCP		<u>NRPE</u> (<u>Nagios</u>)	Unofficial
5667	TCP		<u>NSCA</u> (<u>Nagios</u>)	Unofficial
5672	TCP		<u>AMQP</u> [95]	Official
5678		UDP	<u>Mikrotik</u> RouterOS Neighbor Discovery Protocol (MNDP)	Unofficial
5683		UDP	Constrained Application Protocol (CoAP)	Official
5718	TCP		Microsoft DPM Data Channel (with the agent coordinator)	Unofficial
5719	TCP		Microsoft DPM Data Channel (with the protection agent)	Unofficial
5721	TCP	UDP	<u>Kaseya</u> [citation needed]	Unofficial
5723	TCP		<u>System Center Operations Manager</u> [96]	Unofficial
5724	TCP		Operations Manager Console	Unofficial
5741	TCP	UDP	IDA Discover Port 1	Official
5742	TCP	UDP	IDA Discover Port 2	Official
5800	TCP		<u>VNC</u> remote desktop protocol—for use over <u>HTTP</u>	Unofficial
5814	TCP	UDP	<u>Hewlett-Packard</u> Support Automation (HP OpenView Self-Healing Services)[citation needed]	Official
5850	TCP		COMIT SE (PCR)[citation needed]	Unofficial
5852	TCP		Adeona client: communications to OpenDHT[citation needed]	Unofficial
5900	TCP	UDP	<u>Remote Frame Buffer protocol</u> (RFB), <u>Virtual Network Computing</u> (VNC) remote desktop protocol[97]	Official
5912	TCP		Default for Tidal Enterprise Scheduler agent-Socket used for communication between Master-to-Agent, though can be changed[citation needed]	Unofficial
5931	TCP	UDP	<u>AMMYY</u> admin Remote Control	Official
5938	TCP	UDP	<u>TeamViewer</u> remote desktop protocol[98]	Unofficial
5984	TCP	UDP	<u>CouchDB</u> database server	Official

Port	TCP	UDP	Description	Status
5985	TCP		<u>Windows PowerShell</u> Default psSession Port[99]	official
5986	TCP		<u>Windows PowerShell</u> Default psSession Port[99]	official
5999	TCP		<u>CVSup</u> file update tool[100]	Official
6000	TCP		<u>X11</u> —used between an X client and server over the network	Official
6001		UDP	<u>X11</u> —used between an X client and server over the network	Official
6005	TCP		Default for <u>BMC Software Control-M/Server</u> —Socket used for communication between Control-M processes—though often changed during installation	Official
6005	TCP		Default for <u>Camfrog</u> chat & cam client	Unofficial
6009	TCP		<u>JD Edwards EnterpriseOne</u> ERP system JDENet messaging client listener	Unofficial
6050	TCP		<u>Arcserve</u> backup	Unofficial
6050	TCP		<u>Nortel</u> software[citation needed]	Unofficial
6051	TCP		<u>Arcserve</u> backup	Unofficial
6072	TCP		iOperator Protocol Signal Port[citation needed]	Unofficial
6086	TCP		<u>PDTP</u> —FTP like file server in a P2P network	Official
6100	TCP		<u>Vizrt</u> System	Unofficial
6100	TCP		<u>Ventrilo</u> This is the authentication port that must be allowed outbound for version 3 of <u>Ventrilo</u>	Official
6101	TCP		Backup Exec Agent Browser[citation needed]	Unofficial
6110	TCP	UDP	softcm, <u>HP Softbench</u> CM	Official
6111	TCP	UDP	spc, <u>HP Softbench</u> Sub-Process Control	Official
6112		UDP	"dtspcd"—a network <u>daemon</u> that accepts requests from clients to execute commands and launch applications remotely	Official
6112	TCP		"dtspcd"—a network <u>daemon</u> that accepts requests from clients to execute commands and launch applications remotely	Official
6112	TCP		<u>Blizzard's Battle.net</u> gaming service and some games,[44] <u>ArenaNet</u> gaming service, <u>Relic</u> gaming service	Unofficial
6112	TCP		<u>Club Penguin</u> Disney online game for kids	Unofficial
6113	TCP		<u>Club Penguin</u> Disney online game for kids, Used by some <u>Blizzard</u> games[44]	Unofficial
6129	TCP		<u>DameWare</u> Remote Control	Official
6159	TCP		<u>ARINC 840 EFB</u> Application Control Interface	Official
6200	TCP		<u>Oracle WebCenter Content Portable</u> : Content Server (With Native UI) and Inbound Refinery	Unofficial
6201	TCP		<u>Oracle</u> WebCenter Content Portable: Admin	Unofficial
6225	TCP		<u>Oracle</u> WebCenter Content Portable: Content Server Web UI	Unofficial
6227	TCP		<u>Oracle</u> WebCenter Content Portable: JavaDB	Unofficial
6230	TCP		<u>CodengerDev</u> Server	Unofficial
6240	TCP		<u>Oracle</u> WebCenter Content Portable: Capture	Unofficial
6244	TCP	UDP	<u>Oracle</u> WebCenter Content Portable: Content Server—Intradoc Socket port	Unofficial
6255	TCP	UDP	<u>Oracle</u> WebCenter Content Portable: Inbound Refinery—Intradoc Socket port	Unofficial

Port	TCP	UDP	Description	Status
6257		UDP	<u>WinMX</u> (see also 6699)	Unofficial
6260	TCP	UDP	planet M.U.L.E.	Unofficial
6262	TCP		Sybase <u>Advantage Database Server</u>	Unofficial
6324	TCP	UDP	<u>Hall Research</u> Device discovery and configuration	Official
6343		UDP	<u>SFlow</u> , sFlow traffic monitoring	Official
6346	TCP	UDP	<u>gnutella-svc</u> , gnutella (<u>FrostWire</u> , <u>Limewire</u> , <u>Shareaza</u> , etc.)	Official
6347	TCP	UDP	<u>gnutella-rtr</u> , Gnutella alternate	Official
6350	TCP	UDP	App Discovery and Access Protocol	Official
6379	TCP		Default port for the <u>Redis</u> key-value data store	Unofficial
6389	TCP		<u>EMC CLARiiON</u>	Unofficial
6432	TCP		PgBouncer—A connection pooler for PostgreSQL	Official
6436	TCP		<u>Leap Motion</u> Websocket Server TLS	Unofficial
6437	TCP		<u>Leap Motion</u> Websocket Server	Unofficial
6444	TCP	UDP	<u>Sun Grid Engine</u> —Qmaster Service	Official
6445	TCP	UDP	<u>Sun Grid Engine</u> —Execution Service	Official
6514	TCP		Syslog over <u>TLS[101]</u>	Official
6515	TCP	UDP	<u>Eclipse</u> RPC Protocol (REC)	Official
6522	TCP		<u>Gobby</u> (and other libobby-based software)	Unofficial
6523	TCP		<u>Gobby</u> 0.5 (and other libinfinity-based software)	Unofficial
6543	TCP		<u>Pylons project#Pyramid</u> Default Pylons Pyramid web service port	Unofficial
6543		UDP	<u>Paradigm Research & Development</u> Jetnet[102] default	Unofficial
6566	TCP		<u>SANE</u> (Scanner Access Now Easy)—SANE network scanner daemon[103]	Official
6560–6561	TCP		<u>Speech-Dispatcher</u> daemon	Unofficial
6571			<u>Windows Live FolderShare</u> client	Unofficial
6600	TCP		Microsoft <u>Hyper-V</u> Live	Official
6600	TCP		<u>Music Player Daemon (MPD)</u>	Unofficial
6601	TCP		<u>Microsoft Forefront Threat Management Gateway</u>	Official
6602	TCP		Microsoft Windows WSS Communication	Official
6619	TCP	UDP	<u>odette-fts</u> , <u>Odette File Transfer Protocol (OFTP)</u> over <u>TLS/SSL</u>	Official
6622	TCP	UDP	Multicast FTP	Official
6646		UDP	<u>McAfee Network Agent</u> [citation needed]	Unofficial
6653	TCP		<u>Openflow 1.3</u>	Official
6660–6664	TCP		<u>Internet Relay Chat (IRC)</u>	Unofficial
6665–6669	TCP		<u>Internet Relay Chat (IRC)</u>	Official
6679	TCP	UDP	Osorno Automation Protocol (OSAUT)	Official

Port	TCP	UDP	Description	Status
6679	TCP		<u>IRC SSL</u> (Secure Internet Relay Chat)—often used	Unofficial
6697	TCP		<u>IRC SSL</u> (Secure Internet Relay Chat)—often used	Official
6699	TCP		<u>WinMX</u> (see also 6257)	Unofficial
6702	TCP		Default for Tidal Enterprise Scheduler client-Socket used for communication between Client-to-Master, though can be changed[citation needed]	Unofficial
6715	TCP		AberMUD and derivatives default port	Unofficial
6771		UDP	<u>Polycom</u> server broadcast[citation needed]	Unofficial
6783	TCP		<u>Splashtop Remote</u> server broadcast	Unofficial
6784	TCP		<u>Splashtop Remote</u> server broadcast	Unofficial
6785	TCP		<u>Splashtop Remote</u> server broadcast	Unofficial
6789	TCP		Campbell Scientific Loggernet Software[104]	Unofficial
6789	TCP		Bucky's Instant Messaging Program	Unofficial
6881–6887	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6888	TCP	UDP	MUSE	Official
6888	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6889–6890	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6891–6900	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6891–6900	TCP	UDP	<u>Windows Live Messenger</u> (File transfer)	Unofficial
6901	TCP	UDP	<u>Windows Live Messenger</u> (Voice)	Unofficial
6901	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6902–6968	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
6969	TCP	UDP	acmsoda	Official
6969	TCP		<u>BitTorrent</u> tracker	Unofficial
6970–6999	TCP	UDP	<u>BitTorrent</u> part of full range of ports used most often	Unofficial
7000	TCP		Default for <u>Vuze</u> 's built in <u>HTTPS Bittorrent Tracker</u>	Unofficial
7000	TCP		<u>Avira</u> Server Management Console	Unofficial
7001	TCP		<u>Avira</u> Server Management Console	Unofficial
7001	TCP		Default for <u>BEA WebLogic Server</u> 's <u>HTTP</u> server, though often changed during installation	Unofficial
7002	TCP		Default for <u>BEA WebLogic Server</u> 's <u>HTTPS</u> server, though often changed during installation	Unofficial
7005	TCP		Default for <u>BMC Software Control-M/Server</u> and Control-M/Agent for Agent-to-Server, though often changed during installation	Unofficial
7006	TCP		Default for <u>BMC Software Control-M/Server</u> and Control-M/Agent for Server-to-Agent, though often changed during installation	Unofficial

Port	TCP	UDP	Description	Status
7010	TCP		Default for Cisco AON AMC (AON Management Console)[105]	Unofficial
7022	TCP		Database mirroring endpoints[106]	Unofficial
7023		UDP	Bryan Wilcutt T2-NMCS Protocol for SatCom Modems	Official
7025	TCP		Zimbra <u>L</u> MTP [mailbox]—local mail delivery	Unofficial
7047	TCP		<u>Z</u> imbra conversion server	Unofficial
7080			Sepialine Argos Communications port	Unofficial
7133	TCP		<u>E</u> nemy Territory: Quake Wars	Unofficial
7144	TCP		Peercast[citation needed]	Unofficial
7145	TCP		Peercast[citation needed]	Unofficial
7171	TCP		<u>T</u> ibia	Unofficial
7262	TCP	UDP	CNAP (Calypso Network Access Protocol)	Official
7306	TCP		Zimbra mysql [mailbox][citation needed]	Unofficial
7307	TCP		Zimbra mysql [logger][citation needed]	Unofficial
7312		UDP	<u>S</u> ibelius License Server	Unofficial
7396	TCP		Web control interface for <u>F</u> olding@home v7.3.6 and later[107]	Unofficial
7400	TCP	UDP	RTPS (Real Time Publish Subscribe) <u>D</u> DS Discovery	Official
7401	TCP	UDP	RTPS (Real Time Publish Subscribe) <u>D</u> DS User-Traffic	Official
7402	TCP	UDP	RTPS (Real Time Publish Subscribe) <u>D</u> DS Meta-Traffic	Official
7471	TCP		Stateless Transport Tunneling (STT)	Unofficial
7473	TCP		<u>R</u> ise: The Vieneo Province	Official
7474	TCP		Neo4J Server webadmin[108]	Official
7509	TCP		ACPLT - process automation service	Official
7547	TCP	UDP	CPE WAN Management Protocol <u>T</u> echnical Report 069	Official
7575		UDP	<u>P</u> opulous: The Beginning server	Unofficial
7624	TCP	UDP	<u>I</u> nstrument Neutral Distributed Interface	Official
7631	TCP		ERLPhase	Official
7634	TCP		hddtemp—Utility to monitor hard drive temperature	Unofficial
7652–7654	TCP		<u>I</u> 2P anonymizing overlay network	Unofficial
7655		UDP	<u>I</u> 2P SAM Bridge Socket API	Unofficial
7656–7660	TCP		<u>I</u> 2P anonymizing overlay network	Unofficial
7670	TCP		<u>B</u> rettspielWelt BSW Boardgame Portal	Unofficial
7676	TCP		Aqumin AlphaVision Remote Command Interface[citation needed]	Unofficial
7700		UDP	P2P DC (RedHub)[citation needed]	Unofficial
7707		UDP	<u>K</u> illing Floor	Unofficial
7708		UDP	<u>K</u> illing Floor	Unofficial
7717		UDP	<u>K</u> illing Floor	Unofficial

Port	TCP	UDP	Description	Status
7777	TCP		<u>iChat</u> server file transfer proxy	Unofficial
7777	TCP		Oracle Cluster File System 2[citation needed]	Unofficial
7777	TCP		Windows backdoor program tini.exe default[citation needed]	Unofficial
7777	TCP		Just Cause 2: Multiplayer Mod Server[citation needed]	Unofficial
7777	TCP		Xivio default Chat Server[citation needed]	Unofficial
7777	TCP		<u>Terraria</u> default server	Unofficial
7777		UDP	San Andreas Multiplayer default server	Unofficial
7778	TCP		<u>Bad Trip MUD</u> [citation needed]	Unofficial
7777–7788		UDP	Unreal Tournament series default server[citation needed]	Unofficial
7777–7788	TCP		Unreal Tournament series default server[citation needed]	Unofficial
7787–7788	TCP		GFI EventsManager 7 & 8[citation needed]	Official
7831	TCP		Default used by Smartlaunch Internet Cafe Administration[109] software	Unofficial
7880	TCP	UDP	PowerSchool Gradebook Server[citation needed]	Unofficial
7890	TCP		Default that will be used by the iControl Internet Cafe Suite Administration software	Unofficial
7915	TCP		Default for YSFlight server[110]	Unofficial
7935	TCP		Fixed port used for Adobe Flash Debug Player to communicate with a debugger (Flash IDE, Flex Builder or fdb).[111]	Unofficial
7937–9936	TCP	UDP	EMC2 (Legato) Networker or Sun Solstice Backup	Official
8000		UDP	iRDML (Intel Remote <u>Desktop Management Interface</u>)[112]—sometimes erroneously used instead of port 8080	Official
8000	TCP		iRDML (Intel Remote <u>Desktop Management Interface</u>)[112]—sometimes erroneously used instead of port 8080	Official
8000	TCP		Commonly used for internet radio streams such as those using <u>SHOUTcast</u>	Unofficial
8000	TCP		<u>Splunk</u> web-interface	Unofficial
8000	TCP		FreemakeVideoCapture service a part of Freemake Video Downloader[113]	Unofficial
8000	TCP		Nortel Contivity Router Firewall User Authentication (FWUA) default port number	Unofficial
8001	TCP		Commonly used for internet radio streams such as those using <u>SHOUTcast</u>	Unofficial
8002	TCP		Cisco Systems Unified Call Manager Intercluster[citation needed]	Unofficial
8005	TCP		<u>Apache Tomcat</u> 's Shutdown port	Unofficial
8006	TCP		Dell AppAssure 5 API and Replication[114]	Official
8007	TCP		Dell AppAssure 5 Engine[114]	Official
8008	TCP		<u>HTTP</u> Alternate	Official
8008	TCP		<u>IBM HTTP Server</u> administration default	Unofficial
8009	TCP		ajp13— <u>Apache JServ Protocol</u> AJP Connector	Unofficial

Port	TCP	UDP	Description	Status
8010	TCP		<u>XMPP</u> File transfers	Unofficial
8011–8013	TCP		<u>HTTP/TCP</u> Symon Communications Event and Query Engine[citation needed]	Unofficial
8014	TCP		<u>HTTP/TCP</u> Symon Communications Event and Query Engine[citation needed]	Unofficial
8014	TCP	UDP	<u>Perseus SDR Receiver</u> default remote connection port[citation needed]	Unofficial
8020	TCP		<u>360Works SuperContainer</u> [115]	Unofficial
8042	TCP		<u>Orthanc</u> —Default HTTP Port for GUI	Unofficial
8069	TCP		<u>OpenERP</u> Default HTTP port (web interface and xmlrpc calls)	Unofficial
8070	TCP		<u>OpenERP</u> Legacy netrpc protocol	Unofficial
8074	TCP		<u>Gadu-Gadu</u>	Unofficial
8075	TCP		<u>Killing Floor</u>	Unofficial
8078	TCP	UDP	Default port for most Endless Online-based servers[citation needed]	Unofficial
8080	TCP		<u>HTTP</u> alternate (http_alt)—commonly used for <u>Web proxy</u> and <u>caching</u> server, or for running a Web server as a non-root user	Official
8080	TCP		<u>Apache Tomcat</u>	Unofficial
8080	TCP		<u>M2MLogger</u> WebFRONT Cloud connector	Unofficial
8080	TCP		<u>Syncting</u> web GUI	Unofficial
8080		UDP	<u>FilePhile</u> Master/Relay	Unofficial
8080	TCP		<u>Vermont Systems / RecTrac</u> Vermont Systems RecTrac (WebTrac) network installer	Unofficial
8081	TCP		<u>HTTP</u> alternate, VibeStreamer, e.g. <u>McAfee ePolicy Orchestrator (ePO)</u>	Unofficial
8083		UDP	Transporter Connected Data, Inc.	Unofficial
8086	TCP		<u>HELM</u> Web Host Automation Windows Control Panel	Unofficial
8086	TCP		<u>Kaspersky AV</u> Control Center	Unofficial
8087	TCP		<u>Hosting Accelerator</u> Control Panel	Unofficial
8087	TCP		<u>Parallels Plesk</u> Control Panel	Unofficial
8087		UDP	<u>Kaspersky AV</u> Control Center	Unofficial
8088	TCP		<u>Asterisk (PBX)</u> Web Configuration utility (GUI Addon)	Unofficial
8089	TCP		<u>Splunk</u> REST API endpoint. This port is NOT used for any forwarding or indexing. It is used only for command and control functions.	Unofficial
8089	TCP		AVM Fritzbox for automatic tr069 configuration.	Unofficial
8090	TCP		<u>Atlassian Confluence</u> (default port) [116]	
8090	TCP		<u>Coral Content Distribution Network</u> (deprecated; 80 and 8080 now supported)[117]	Unofficial
8091	TCP		<u>CouchBase</u> Web Administration	Unofficial
8092	TCP		<u>CouchBase</u> API	Unofficial
8100	TCP		<u>Console Gateway</u> License Verification	Unofficial
8111	TCP		<u>JOSM</u> Remote Control	Unofficial
8112	TCP		<u>PAC</u> Pacifica Coin	Unofficial

Port	TCP	UDP	Description	Status
8116		UDP	<u>Check Point</u> Cluster Control Protocol	Unofficial
8118	TCP		<u>Privoxy</u> —advertisement-filtering Web proxy	Official
8123	TCP		<u>Polipo</u> Web proxy	Official
8123	TCP		<u>Bukkit DynMap</u> Default Webserver Bind Address	Unofficial
8139	TCP		<u>Puppet (software)</u> Client agent	Unofficial
8140	TCP		<u>Puppet (software)</u> Master server	Unofficial
8176	TCP		<u>Perceptive Automation Indigo</u> Home automation server—control access	Unofficial
8192	TCP		<u>Sophos</u> Remote Management System	Unofficial
8193	TCP		<u>Sophos</u> Remote Management System	Unofficial
8194	TCP		<u>Sophos</u> Remote Management System	Unofficial
8194	TCP		<u>Bloomberg</u> Application[1]	Official
8195	TCP		<u>Bloomberg</u> Application[citation needed]	Unofficial
8200	TCP		<u>GoToMyPC</u>	Unofficial
8222	TCP		<u>VMware</u> Server Management User Interface[118] (insecure Web interface).[119] See also port 8333	Unofficial
8243	TCP	UDP	<u>HTTPS</u> listener for <u>Apache Synapse</u> [120]	Official
8280	TCP	UDP	<u>HTTP</u> listener for <u>Apache Synapse</u> [120]	Official
8291	TCP		<u>Winbox</u> —Default on a MikroTik RouterOS for a Windows application used to administer MikroTik RouterOS[121]	Unofficial
8303		UDP	<u>Teeworlds</u> Server	Unofficial
8330	TCP		MultiBit HD, [1]	Unofficial
8331	TCP		MultiBit, [2]	Unofficial
8332	TCP		<u>Bitcoin JSON-RPC</u> server[122]	Unofficial
8333	TCP		<u>Bitcoin</u> [123]	Unofficial
8333	TCP		<u>VMware</u> Server Management User Interface[118] (secure Web interface).[119] See also port 8222	Unofficial
8337	TCP		<u>VisualSVN</u> Distributed File System Service[124]	Unofficial
8400	TCP	UDP	cvp, <u>CommVault Unified Data Management</u>	Official
8442	TCP	UDP	<u>CyBro A-bus</u> , <u>Cyrotech Ltd.</u>	Official
8443	TCP		<u>SW Soft Plesk</u> Control Panel, <u>Apache Tomcat SSL</u> , <u>Promise WebPAM</u> SSL, <u>McAfee ePolicy Orchestrator (ePO)</u>	Unofficial
8444	TCP		<u>Bitmessage</u>	Unofficial
8484	TCP		<u>MapleStory</u> Login Server	Unofficial
8500	TCP	UDP	<u>ColdFusion</u> Macromedia/Adobe ColdFusion default and <u>Duke Nukem 3D</u> —default	Unofficial
8501	TCP		[3] <u>DukesterX</u> —default[citation needed]	Unofficial
8530	TCP		<u>Windows Server Update Services</u>	Unofficial
8585	TCP		<u>MapleStory</u> Game Server	Unofficial
8586	TCP		<u>MapleStory</u> Game Server	Unofficial

Port	TCP	UDP	Description	Status
8587	TCP		<u>MapleStory</u> Game Server	Unofficial
8588	TCP		<u>MapleStory</u> Game Server	Unofficial
8589	TCP		<u>MapleStory</u> Game Server	Unofficial
8601	TCP		Wavestore CCTV protocol[125]	Unofficial
8602	TCP	UDP	Wavestore Notification protocol[125]	Unofficial
8642	TCP		Lotus Traveller[citation needed]	Unofficial
8691	TCP		<u>Ultra Fractal</u> default server port for distributing calculations over network computers	Unofficial
8701		UDP	<u>SoftPerfect Bandwidth Manager</u>	Unofficial
8702		UDP	<u>SoftPerfect Bandwidth Manager</u>	Unofficial
8767		UDP	<u>TeamSpeak</u> —default	Unofficial
8768		UDP	<u>TeamSpeak</u> —alternate	Unofficial
8778	TCP		<u>EPOS Speech Synthesis System</u>	Unofficial
8787	TCP		<u>MapleStory</u> CashShop Game Server	Unofficial
8788	TCP		<u>MapleStory</u> CashShop Game Server	Unofficial
8834			<u>Nessus</u> web	Unofficial
8835			<u>Passive Vulnerability Scanner</u> web	Unofficial
8836			<u>Log Correlation Engine</u> web	Unofficial
8840	TCP		<u>Opera Unite</u> server	Unofficial
8880		UDP	cddbp-alt, <u>CD DataBase (CDDDB)</u> protocol (CDDBP) alternate	Official
8880	TCP		cddbp-alt, <u>CD DataBase (CDDDB)</u> protocol (CDDBP) alternate	Official
8880	TCP		<u>WebSphere Application Server SOAP</u> connector default	Unofficial
8880	TCP		<u>Win Media Streamer to Server SOAP</u> connector default	Unofficial
8881	TCP		<u>Atlasz Informatics Research Ltd</u> Secure Application Server[citation needed]	Unofficial
8881	TCP		<u>Netflexity Inc</u> QFlex—IBM WebSphere MQ monitoring software.	Unofficial
8882	TCP		<u>Atlasz Informatics Research Ltd</u> Secure Application Server[citation needed]	Unofficial
8883	TCP	UDP	Secure <u>MQ Telemetry Transport</u> (MQTT over SSL)	Official
8886	TCP		PPM3 (Padtec Management Protocol version 3)	Unofficial
8887	TCP		<u>HyperVM</u> HTTP	Official
8888	TCP		<u>HyperVM</u> HTTPS	Official
8888	TCP		<u>Freenet</u> HTTP	Unofficial
8888	TCP	UDP	<u>NewsEDGE</u> server	Official
8888	TCP		<u>Sun Answerbook</u> dwhttpd server (deprecated by docs.sun.com)	Unofficial
8888	TCP		<u>GNUmp3d</u> HTTP music streaming and Web interface	Unofficial
8888	TCP		<u>LoLo Catcher</u> HTTP Web interface (www.optiform.com)	Unofficial
8888	TCP		<u>D2GS Admin Console</u> Telnet administration console for D2GS servers (Diablo 2)	Unofficial
8888	TCP		Earthland Relams 2 Server (AU1_2)[citation needed]	Unofficial

Port	TCP	UDP	Description	Status
8888	TCP		<u>MAMP</u> Server	Unofficial
8889	TCP		<u>MAMP</u> Server	Unofficial
8889	TCP		Earthland Relams 2 Server (AU1_1)[<u>citation needed</u>]	Unofficial
8937	TCP		Transaction Warehouse Data Service (TWDS)	Official
8983	TCP		Default for Apache Solr[<u>126</u>]	Unofficial
8998	TCP		<u>I2P</u> Monotone Repository	Unofficial
8989	TCP		<u>STEP Bible</u> : Scripture Tools for Every Person	Unofficial
9000	TCP		<u>SonarQube</u> Web Server[<u>127</u>]	Unofficial
9000	TCP		Buffalo LinkSystem Web access[<u>citation needed</u>]	Unofficial
9000	TCP		<u>DBGp</u>	Unofficial
9000	TCP		<u>SqueezeCenter</u> web server & streaming	Unofficial
9000		UDP	<u>UDPCast</u>	Unofficial
9000	TCP		Play! Framework web server[<u>128</u>]	Unofficial
9000	TCP		<u>Hadoop</u> NameNode default port	Unofficial
9001	TCP	UDP	ETL Service Manager[<u>129</u>]	Official
9001			<u>Microsoft SharePoint</u> authoring environment	Unofficial
9001			cisco-xremote router configuration[<u>citation needed</u>]	Unofficial
9001			<u>Tor</u> network default	Unofficial
9001	TCP		<u>DBGp</u> Proxy	Unofficial
9001	TCP		<u>HSQLDB</u> default port	Unofficial
9002			Newforma Server comms	Unofficial
9009	TCP	UDP	<u>Pichat Server</u> —Peer to peer chat software	Official
9010	TCP		<u>TISERVICEMANAGEMENT</u> Numara Track-It!	Unofficial
9020	TCP		<u>WiT</u> WiT Services	Official
9025	TCP		<u>WiT</u> WiT Services	Official
9030	TCP		<u>Tor</u> often used	Unofficial
9043	TCP		<u>WebSphere Application Server</u> Administration Console secure	Unofficial
9050	TCP		<u>Tor</u>	Unofficial
9051	TCP		<u>Tor</u>	Unofficial
9060	TCP		<u>WebSphere Application Server</u> Administration Console	Unofficial
9080		UDP	glrpc, <u>Groove Collaboration</u> software GLRPC	Official
9080	TCP		glrpc, <u>Groove Collaboration</u> software GLRPC	Official
9080	TCP		<u>WebSphere Application Server</u> <u>HTTP</u> Transport (port 1) <u>default</u>	Unofficial
9080	TCP		Remote Potato by FatAttitude, Windows Media Center addon	Unofficial
9080	TCP		ServerWMC, Windows Media Center addon	Unofficial
9090	TCP	UDP	<u>WebSM</u>	Unofficial

Port	TCP	UDP	Description	Status
9090	TCP		Webwasher, Secure Web, McAfee Web Gateway—Default Proxy Port[citation needed]	Unofficial
9090	TCP		<u>Openfire</u> Administration Console	Unofficial
9090	TCP		<u>SqueezeCenter</u> control (CLI)	Unofficial
9090	TCP		<u>Cherokee</u> Admin Panel	Unofficial
9091	TCP		<u>Openfire</u> Administration Console (SSL Secured)	Unofficial
9091	TCP		<u>Transmission (BitTorrent client)</u> Web Interface	Unofficial
9092	TCP		<u>H2 (DBMS)</u> Database Server	Unofficial
9100	TCP		<u>PDL</u> Data Stream	Official
9101	TCP	UDP	<u>Bacula</u> Director	Official
9102	TCP	UDP	<u>Bacula</u> File Daemon	Official
9103	TCP	UDP	<u>Bacula</u> Storage Daemon	Official
9105	TCP	UDP	<u>Xadmin</u> Control Daemon	Official
9106	TCP	UDP	<u>Astergate</u> Control Daemon	Official
9107	TCP		<u>Astergate-FAX</u> Control Daemon	Official
9110		UDP	<u>SSMP</u> Message protocol	Unofficial
9119	TCP	UDP	<u>MXit</u> Instant Messenger	Official
9191	TCP		Catamount Software—PocketMoney Sync[citation needed]	Unofficial
9191	TCP		Sierra Wireless Airlink	Unofficial
9199	TCP		Avtex LLC—qStats	Unofficial
9200	TCP		ElasticSearch[130]—default elasticsearch port	Unofficial
9217	TCP		iPass Platform Service	Unofficial
9293	TCP		Sony PlayStation RemotePlay[131]	Unofficial
9300	TCP		<u>IBM Cognos 8 SOAP</u> Business Intelligence and Performance Management	Unofficial
9303		UDP	<u>D-Link Shareport</u> Share storage and MFP printers	Unofficial
9306	TCP		<u>Sphinx</u> Native API	Official
9309	TCP	UDP	Sony PlayStation Vita Host Collaboration WiFi Data Transfer[132]	Unofficial
9312	TCP		<u>Sphinx</u> SphinxQL	Official
9332	TCP		<u>Litecoin JSON-RPC</u> server	Unofficial
9333	TCP		<u>Litecoin</u>	Unofficial
9339	TCP		<u>Clash of Clans</u> , a mobile freemium strategy video game	Unofficial
9418	TCP	UDP	git, <u>Git</u> pack transfer service	Official
9420	TCP		<u>MooseFS</u> distributed file system—master server to chunk servers	Unofficial
9421	TCP		<u>MooseFS</u> distributed file system—master server to clients	Unofficial
9422	TCP		<u>MooseFS</u> distributed file system—chunk servers to clients	Unofficial
9443	TCP		<u>VMware</u> HTTPS port used for accessing and administrating a vCenter Server via the Web Management Interface	Unofficial
9535	TCP	UDP	mngsuite, <u>LANDesk</u> Management Suite Remote Control	Official

Port	TCP	UDP	Description	Status
9536	TCP	UDP	laes-bf, <u>IP Fabrics</u> Surveillance buffering function	Official
9600		UDP	Omron FINS, <u>OMRON FINS</u> PLC communication	Official
9675	TCP	UDP	<u>Spiceworks</u> Desktop, IT Helpdesk Software	Unofficial
9676	TCP	UDP	<u>Spiceworks</u> Desktop, IT Helpdesk Software	Unofficial
9695		UDP	<u>CCNx</u>	Official
9800	TCP	UDP	<u>WebDAV</u> Source	Official
9800			<u>WebCT</u> e-learning portal	Unofficial
9875	TCP		<u>Club Penguin</u> Disney online game for kids	Unofficial
9898		UDP	MonkeyCom[citation needed]	Official
9898	TCP		MonkeyCom[citation needed]	Official
9898	TCP		<u>Tripwire</u> —File Integrity Monitoring Software[133]	Unofficial
9987		UDP	<u>TeamSpeak</u> 3 server default (voice) port (for the conflicting service see the IANA list)	Unofficial
9996	TCP	UDP	<u>Ryan's App</u> "Ryan's App" Trading Software	Official
9996	TCP	UDP	<u>The Palace</u> "The Palace" Virtual Reality Chat software.—5	Official
9997	TCP		<u>Splunk</u> port for communication between the forwarders and indexers	Unofficial
9998	TCP	UDP	<u>The Palace</u> "The Palace" Virtual Reality Chat software.—5	Official
9999			<u>Hydranode</u> —edonkey2000 <u>TELNET</u> control	Unofficial
9999	TCP		<u>Lantronix</u> UDS-10/UDS100[134] <u>RS-485</u> to Ethernet Converter <u>TELNET</u> control	Unofficial
9999			<u>Urchin</u> Web Analytics[citation needed]	Unofficial
10000			<u>Webmin</u> —Web-based administration tool for Unix-like systems	Unofficial
10000			<u>BackupExec</u>	Unofficial
10000			Ericsson Account Manager (avim)[citation needed]	Unofficial
10001	TCP		<u>Lantronix</u> UDS-10/UDS100[135] <u>RS-485</u> to Ethernet Converter default	Unofficial
10003	TCP		ForeScout SecureConnector[citation needed]	Unofficial
10008	TCP	UDP	Octopus Multiplexer, primary port for the <u>CROMP protocol</u> , which provides a <u>platform-independent</u> means for communication of <u>objects</u> across a <u>network</u>	Official
10009	TCP	UDP	Cross Fire, a multiplayer online First Person Shooter[citation needed]	Unofficial
10010	TCP		<u>Open Object Rexx</u> (ooRexx) rxapi daemon	Official
10017			AIX, NeXT, HP/UX—rexed daemon control[citation needed]	Unofficial
10024	TCP		Zimbra smtp [mta]—to amavis from postfix[citation needed]	Unofficial
10025	TCP		Zimbra smtp [mta]—back to postfix from amavis[citation needed]	Unofficial
10042	TCP		<u>Mathoid</u> server[citation needed]	Unofficial
10050	TCP	UDP	<u>Zabbix-Agent</u>	Official
10051	TCP	UDP	<u>Zabbix-Trapper</u>	Official
10110	TCP	UDP	NMEA 0183 Navigational Data. Transport of NMEA 0183 sentences over TCP or UDP	Official
10113	TCP	UDP	<u>NetIQ</u> Endpoint	Official

Port	TCP	UDP	Description	Status
10114	TCP	UDP	<u>NetIQ</u> Qcheck	Official
10115	TCP	UDP	<u>NetIQ</u> Endpoint	Official
10116	TCP	UDP	<u>NetIQ</u> VoIP Assessor	Official
10172	TCP		Intuit <u>Quickbooks</u> client	Unofficial
10200	TCP		<u>FRISK Software International</u> 's fpscand virus scanning daemon for Unix platforms[136]	Unofficial
10200	TCP		<u>FRISK Software International</u> 's f-protd virus scanning daemon for Unix platforms[137]	Unofficial
10201–10204	TCP		<u>FRISK Software International</u> 's f-protd virus scanning daemon for Unix platforms[137]	Unofficial
10301	TCP		VoicelP-ACS UMP default device provisioning endpoint[citation needed]	Unofficial
10302	TCP		VoicelP-ACS UMP default device provisioning endpoint (SSL)[citation needed]	Unofficial
10308			Lock-on: Modern Air Combat[citation needed]	Unofficial
10480			SWAT 4 Dedicated Server[citation needed]	Unofficial
10505		UDP	BlueStacks (android simulator) broadcast[138]	Unofficial
10514	TCP	UDP	TLS-enabled Rsyslog (default by convention)	Unofficial
10823		UDP	Farming Simulator 2011 Default Server[citation needed]	Unofficial
10891	TCP		Jungle Disk (this port is opened by the Jungle Disk Monitor service on the localhost)[citation needed]	Unofficial
11001	TCP	UDP	metasys (Johnson Controls Metasys java AC control environment) [citation needed]	Unofficial
11111	TCP		RiCcl - Remote Configuration Interface (Redhat Linux)	Unofficial
11112	TCP	UDP	<u>ACR/NEMA Digital Imaging and Communications in Medicine (DICOM)</u>	Official
11155	TCP	UDP	<u>Tungle</u>	Unofficial
11211	TCP	UDP	<u>memcached</u>	Unofficial
11214	TCP	UDP	<u>memcached</u> Incoming SSL Proxy	Unofficial
11215	TCP	UDP	<u>memcached</u> Internal Outgoing SSL Proxy	Unofficial
11235			Savage:Battle for Newerth Server Hosting[citation needed]	Unofficial
11294			Blood Quest Online Server[citation needed]	Unofficial
11371	TCP		<u>OpenPGP</u> HTTP key server	Official
11576			<u>IPStor</u> Server management communication	Unofficial
11950	TCP		<u>Murraycoin JSON-RPC</u> server[139]	Unofficial
11951	TCP		<u>Murraycoin</u> [139]	Unofficial
12010	TCP		<u>ElevateDB</u> default database port[140]	Unofficial
12011	TCP		Axence nVision[141]	Unofficial
12012	TCP		Axence nVision[141]	Unofficial
12012	TCP		<u>Audition Online Dance Battle</u> , Korea Server—Status/Version Check	Unofficial
12012		UDP	<u>Audition Online Dance Battle</u> , Korea Server—Status/Version Check	Unofficial
12013	TCP	UDP	<u>Audition Online Dance Battle</u> , Korea Server	Unofficial

Port	TCP	UDP	Description	Status
12031	TCP		Axence nVision[141]	Unofficial
12032	TCP		Axence nVision[141]	Unofficial
12035		UDP	<u>Linden Lab</u> viewer to sim on SecondLife[citation needed]	Unofficial
12201		UDP	<u>GELF Protocol</u>	Unofficial
12222		UDP	Light Weight Access Point Protocol (<u>LWAPP</u>) LWAPP data (<u>RFC 5412</u>)	Official
12223		UDP	Light Weight Access Point Protocol (<u>LWAPP</u>) LWAPP control (<u>RFC 5412</u>)	Official
12345			<u>NetBus</u> —remote administration tool (often <u>Trojan horse</u>). Also used by <u>NetBuster</u> . Little Fighter 2 (TCP), <u>Cubeworld</u> [142] (TCP and UDP), and (TCP) GVG (Grass Valley Group) SMS7000 and RCL video router control	Unofficial
12443	TCP		<u>IBM HMC</u> web browser management access over <u>HTTPS</u> instead of default port 443[143]	Unofficial
12489	TCP		NSClient/NSClient++/NC_Net (Nagios)	Unofficial
12975	TCP		<u>LogMeIn Hamachi</u> (VPN tunnel software; also port 32976)—used to connect to Mediation Server (bibi.hamachi.cc); will attempt to use <u>SSL</u> (TCP port 443) if both 12975 & 32976 fail to connect	Unofficial
12998–12999		UDP	<u>Takenaka RDI</u> Mirror World on SecondLife[citation needed]	Unofficial
13001	TCP		ForeScout CounterACT[citation needed]	Unofficial
13000–13050		UDP	<u>Linden Lab</u> viewer to sim on SecondLife[citation needed]	Unofficial
13008	TCP	UDP	Cross Fire, a multiplayer online First Person Shooter[citation needed]	Unofficial
13075	TCP		Default[144] for <u>BMC Software Control-M/Enterprise Manager</u> Corba communication, though often changed during installation	Official
13195–13196	TCP	UDP	<u>Ontolux Ontolux 2D</u>	Unofficial
13337–13340	TCP	UDP	<u>ÆtherNet</u> peer-to-peer networking[citation needed]	Unofficial
13720	TCP	UDP	<u>Symantec NetBackup</u> —bprd (formerly <u>VERITAS</u>)	Official
13721	TCP	UDP	<u>Symantec NetBackup</u> —bpdbrm (formerly <u>VERITAS</u>)	Official
13724	TCP	UDP	<u>Symantec Network Utility</u> —vnetd (formerly <u>VERITAS</u>)	Official
13782	TCP	UDP	<u>Symantec NetBackup</u> —bpcd (formerly <u>VERITAS</u>)	Official
13783	TCP	UDP	<u>Symantec VOPIED</u> protocol (formerly <u>VERITAS</u>)	Official
13785	TCP	UDP	<u>Symantec NetBackup</u> Database—nbdb (formerly <u>VERITAS</u>)	Official
13786	TCP	UDP	<u>Symantec</u> nomdb (formerly <u>VERITAS</u>)	Official
14439	TCP		<u>APRS UI-View Amateur Radio</u> [145] UI-WebServer	Unofficial
14567		UDP	<u>Battlefield 1942</u> and mods	Unofficial
14900	TCP		<u>K3 SYSPRO</u> K3 Framework WCF Backbone[citation needed]	Unofficial
15000	TCP		<u>psyBNC</u>	Unofficial
15000	TCP		<u>Wesnoth</u>	Unofficial
15000	TCP		Kaspersky Network Agent[citation needed]	Unofficial

Port	TCP	UDP	Description	Status
15000	TCP		hydap, Hypack <u>Hydrographic</u> Software Packages Data Acquisition	Official
15000		UDP	hydap, Hypack <u>Hydrographic</u> Software Packages Data Acquisition	Official
15556	TCP	UDP	<u>Jeex.EU Artesia</u> (direct client-to-db.service)	Official
15567		UDP	<u>Battlefield Vietnam</u> and mods	Unofficial
15345	TCP	UDP	<u>XPilot</u> Contact	Official
16000	TCP		<u>Oracle WebCenter Content: Imaging</u> (formerly known as Oracle <u>Universal Content Management</u>). Port though often changed during installation	Unofficial
16000	TCP		<u>shroudBNC</u>	Unofficial
16080	TCP		<u>Mac OS X Server Web</u> (HTTP) service with performance cache[146]	Unofficial
16200	TCP		<u>Oracle WebCenter Content: Content Server</u> (formerly known as Oracle <u>Universal Content Management</u>). Port though often changed during installation	Unofficial
16225	TCP		<u>Oracle WebCenter Content: Content Server Web UI</u> . Port though often changed during installation	Unofficial
16250	TCP		<u>Oracle WebCenter Content: Inbound Refinery</u> (formerly known as Oracle <u>Universal Content Management</u>). Port though often changed during installation	Unofficial
16300	TCP		<u>Oracle WebCenter Content: Records Management</u> (formerly known as Oracle <u>Universal Records Management</u>). Port though often changed during installation	Unofficial
16384		UDP	Iron Mountain Digital online backup[citation needed]	Unofficial
16384			CISCO Default RTP MIN	official
16400	TCP		<u>Oracle WebCenter Content: Capture</u> (formerly known as Oracle Document Capture). Port though often changed during installation	Unofficial
16482			CISCO Default RTP MAX	official
16567		UDP	<u>Battlefield 2</u> and mods	Unofficial
17011	TCP		<u>Worms</u> multiplayer	Unofficial
17500	TCP	UDP	<u>Dropbox</u> LanSync Protocol (db-lsp); used to synchronize file catalogs between Dropbox clients on a local network.	Official
18010	TCP		Super Dancer Online Extreme(SDO-X)—CiB Net Station Malaysia Server[citation needed]	Unofficial
18091	TCP	UDP	<u>memcached</u> Internal REST HTTPS for SSL	Unofficial
18092	TCP	UDP	<u>memcached</u> Internal CAPI HTTPS for SSL	Unofficial
18104	TCP		RAD PDF Service	Official
18180	TCP		DART Reporting server[citation needed]	Unofficial
18200	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft Thailand Server—Status/Version Check</u>	Unofficial
18201	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft Thailand Server</u>	Unofficial
18206	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft Thailand Server—FAM Database</u>	Unofficial
18300	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft SEA Server—Status/Version Check</u>	Unofficial
18301	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft SEA Server</u>	Unofficial
18306	TCP	UDP	<u>Audition Online Dance Battle, AsiaSoft SEA Server—FAM Database</u>	Unofficial

Port	TCP	UDP	Description	Status
18333	TCP		<u>Bitcoin testnet</u> [123]	Unofficial
18400	TCP	UDP	<u>Audition Online Dance Battle</u> , KAIZEN Brazil Server—Status/Version Check	Unofficial
18401	TCP	UDP	<u>Audition Online Dance Battle</u> , KAIZEN Brazil Server	Unofficial
18505	TCP	UDP	<u>Audition Online Dance Battle R4p3 Server</u> , Nexon Server—Status/Version Check	Unofficial R4p3 Server
18506	TCP	UDP	<u>Audition Online Dance Battle</u> , Nexon Server	Unofficial
18605	TCP	UDP	<u>X-BEAT</u> —Status/Version Check	Unofficial
18606	TCP	UDP	<u>X-BEAT</u>	Unofficial
19000	TCP	UDP	<u>Audition Online Dance Battle</u> , G10/alaplaza Server—Status/Version Check	Unofficial
19000		UDP	<u>JACK</u> sound server	Unofficial
19001	TCP	UDP	<u>Audition Online Dance Battle</u> , G10/alaplaza Server	Unofficial
19007	TCP	UDP	<u>Veejansh Inc.</u> Scintilla Device Service	Official
19132		UDP	Standard <u>Minecraft Pocket Edition</u> Multiplayer Server Port	Unofficial
19150	TCP	UDP	<u>Gkrellm</u> Server	Unofficial
19226	TCP		<u>Panda Software</u> AdminSecure Communication Agent	Unofficial
19283	TCP	UDP	K2—KeyAuditor & KeyServer, Sassafras Software Inc.[147] <u>Software Asset Management</u> tools	Official
19294	TCP		<u>Google Talk</u> Voice and Video connections[148]	Unofficial
19295		UDP	<u>Google Talk</u> Voice and Video connections[148]	Unofficial
19302		UDP	<u>Google Talk</u> Voice and Video connections[148]	Unofficial
19315	TCP	UDP	KeyShadow for K2—KeyAuditor & KeyServer, Sassafras Software Inc.[147] <u>Software Asset Management</u> tools	Official
19540	TCP		Gamecoin RCP[citation needed]	Unofficial
19540	TCP		Gamecoin Testnet[citation needed]	Unofficial
19540	TCP		Gamecoin P2P[citation needed]	Unofficial
19540	TCP	UDP	Belkin Network USB Hub[citation needed]	Unofficial
19638	TCP		Ensim Control Panel[citation needed]	Unofficial
19812	TCP		4D database SQL Communication[149]	Official
19813	TCP	UDP	4D database Client Server Communication[149]	Official
19814	TCP		4D database DB4D Communication[149]	Official
19999			<u>DNP</u> —Secure (Distributed Network Protocol—Secure), a secure version of the protocol used in <u>SCADA</u> systems between communicating <u>RTU</u> 's and <u>IED</u> 's	Official
20000			<u>DNP</u> (Distributed Network Protocol), a protocol used in <u>SCADA</u> systems between communicating <u>RTU</u> 's and <u>IED</u> 's	Official
20000			<u>Usermin</u> , Web-based user tool	Unofficial
20202	TCP		OnNet (Net2E)	Unofficial
20014	TCP		DART Reporting server[citation needed]	Unofficial
20560	TCP	UDP	<u>Killing Floor</u>	Unofficial

Port	TCP	UDP	Description	Status
20595		UDP	<u>0 A.D. Empires Ascendant</u>	Unofficial
20702	TCP		<u>Precise TPM Listener Agent</u>	Unofficial
20720	TCP		<u>Symantec i3 Web GUI server</u>	Unofficial
20790	TCP		<u>Precise TPM Web GUI server</u>	Unofficial
21001	TCP		AMLFILTER, <u>AMLFILTER Inc. amlf-admin default port</u>	Unofficial
21011	TCP		AMLFILTER, <u>AMLFILTER Inc. amlf-engine-01 default http port</u>	Unofficial
21012	TCP		AMLFILTER, <u>AMLFILTER Inc. amlf-engine-01 default https port</u>	Unofficial
21021	TCP		AMLFILTER, <u>AMLFILTER Inc. amlf-engine-02 default http port</u>	Unofficial
21022	TCP		AMLFILTER, <u>AMLFILTER Inc. amlf-engine-02 default https port</u>	Unofficial
21025	TCP		Starbound Server (default), <u>Starbound</u>	Unofficial
22136	TCP		<u>FLIR Systems</u> Camera Resource Protocol	Unofficial
22222	TCP		Davis Instruments, <u>WeatherLink IP</u>	Unofficial
22347	TCP	UDP	WibuKey, <u>WIBU-SYSTEMS AG Software protection system</u>	Official
22349	TCP		Wolfson Microelectronics <u>WISCEBridge Debug Protocol[150]</u>	Unofficial
22350	TCP	UDP	CodeMeter, <u>WIBU-SYSTEMS AG Software protection system</u>	Official
23073			<u>Soldat</u> Dedicated Server	Unofficial
23399			<u>Skype</u> Default Protocol	Unofficial
23513			<u>Duke Nukem 3D#Source code</u> Duke Nukem Ports	Unofficial
24441	TCP	UDP	Pyzor spam detection network	Unofficial
24444			<u>NetBeans</u> integrated development environment	Unofficial
24465	TCP	UDP	<u>Tonido Directory Server</u> for <u>Tonido</u> which is a Personal Web App and P2P platform	Official
24554	TCP	UDP	<u>BINKP</u> , <u>Fidonet</u> mail transfers over <u>TCP/IP</u>	Official
24800			<u>Synergy</u> : keyboard/mouse sharing software	Unofficial
24842			<u>StepMania</u> : Online: <u>Dance Dance Revolution</u> Simulator	Unofficial
25000	TCP		Teamware Office standard client connection	Official
25001	TCP		Default port for Unity3D networking	Official
25003	TCP		Teamware Office client notifier	Official
25005	TCP		Teamware Office message transfer	Official
25007	TCP		Teamware Office MIME Connector	Official
25008	TCP		Jayson's Water Fun Connector	Unofficial
25010	TCP		Teamware Office Agent server	Official
25560	TCP		codeheart.js Relay Server	Unofficial
25565	TCP		Standard <u>Minecraft</u> (Dedicated) Server	Official
25565			<u>MySQL</u> Standard MySQL port	Official
25570			<u>Manic Digger</u> default single player port	Unofficial
25826		UDP	<u>collectd</u> default port[151]	Unofficial

Port	TCP	UDP	Description	Status
25828–25840	TCP	UDP	<u>DarknessBlade Network.</u>	Unofficial
25888		UDP	<u>Xfire</u> (Firewall Report, UDP_IN) IP Address (206.220.40.146) resolves to gameservertracking.xfire.com. Use unknown.	Unofficial
25999	TCP		<u>Xfire</u>	Unofficial
26000		UDP	<u>id Software's Quake</u> server	Official
26000	TCP		<u>id Software's Quake</u> server	Official
26000	TCP		<u>CCP's EVE Online</u> Online gaming MMORPG	Unofficial
26000		UDP	<u>Xonotic</u> , an <u>open source arena shooter</u>	Official
26850	TCP		War of No Return Server Port[citation needed]	Unofficial
26900	TCP		<u>CCP's EVE Online</u> Online gaming MMORPG	Unofficial
26901	TCP		<u>CCP's EVE Online</u> Online gaming MMORPG	Unofficial
26950	TCP	UDP	<u>GIMA Productions</u>	Unofficial
27000–27030		UDP	<u>Steam Client</u>	Unofficial
27000		UDP	(through 27006) <u>id Software's QuakeWorld</u> master server	Unofficial
27000	TCP		<u>PowerBuilder SySAM</u> license server	Unofficial
27000–27009	TCP		<u>FlexNet Publisher's</u> License server (from the range of default ports)	Unofficial
27010			<u>Source engine</u> dedicated server port	Unofficial
27014–27050	TCP		<u>Steam Downloads</u>	Unofficial
27014			<u>Source engine</u> dedicated server port (rare)	Unofficial
27015			<u>GoldSrc</u> and <u>Source engine</u> dedicated server port, <u>AppleMobileDeviceService</u> [152]	Unofficial
27016			<u>Magicka</u> server port	Unofficial
27017			<u>mongoDB</u> server port	Unofficial
27374			<u>Sub7</u> default.	Unofficial
27500–27900		UDP	<u>id Software's QuakeWorld</u>	Unofficial
27888		UDP	<u>Kaillera</u> server	Unofficial
27900–27901			<u>Nintendo Wi-Fi Connection</u>	Unofficial
27901–27910		UDP	<u>id Software's Quake II</u> master server	Unofficial
27950		UDP	OpenArena outgoing	Unofficial
27960–27969		UDP	<u>Activision's Enemy Territory</u> and <u>id Software's Quake III Arena</u> , <u>Quake III</u> and <u>Quake Live</u> and some ioquake3 derived games, such as Urban Terror (OpenArena incoming)	Unofficial
28000			<u>Bitfighter</u> Common/default Bitfighter Server	Unofficial
28001			<u>Starsiege: Tribes</u> Common/default Tribes v.1 Server	Unofficial

Port	TCP	UDP	Description	Status
28395	TCP		www.SmartSystemsLLC.com Used by Smart Sale 5.0[citation needed]	Unofficial
28785		UDP	Cube 2 Sauerbraten[153]	Unofficial
28786		UDP	Cube 2 Sauerbraten Port 2[153]	Unofficial
28801–28802		UDP	Red Eclipse (Cube 2 derivative) default ports[154]	Unofficial
28852	TCP	UDP	Killing Floor	Unofficial
28910			Nintendo Wi-Fi Connection [155]	Unofficial
28960		UDP	Call of Duty ; Call of Duty: United Offensive ; Call of Duty 2 ; Call of Duty 4: Modern Warfare ; Call of Duty: World at War (PC Version)	Unofficial
29000			Perfect World International Used by the Perfect World International Client	Unofficial
29070	TCP	UDP	Game titled " Jedi Knight: Jedi Academy " by Ravensoft	Unofficial
29292	TCP		TMO Integration Service Communications Port, Used by Transaction Manager SaaS (HighJump Software)[citation needed]	Unofficial
29900–29901			Nintendo Wi-Fi Connection [155]	Unofficial
29920			Nintendo Wi-Fi Connection [155]	Unofficial
30000			Pokémon Netbattle	Unofficial
30301			BitTorrent	Unofficial
30564	TCP		Multiplicity : keyboard/mouse/clipboard sharing software	Unofficial
30718		UDP	Lantronix Discovery for Lantronix serial-to-ethernet devices	Unofficial
30777	TCP		ZangZing agent	Unofficial
31314	TCP		electric imp node<>server communication (TLS)	Unofficial
31337	TCP		Back Orifice —remote administration tool (often Trojan horse)	Unofficial
31415			ThoughtSignal —Server Communication Service (often Informational)	Unofficial
31438			Rocket Software U2 uvcs —Server Communication Service	Unofficial
31456	TCP		TetriNET IRC gateway on some servers	Unofficial
31457	TCP		TetriNET	Official
31458	TCP		TetriNET Used for game spectators	Unofficial
31620	TCP	UDP	LM-MON (Standard Floating License Manager LM-MON)	Official
32123	TCP		x3Lobby Used by x3Lobby, an internet application.	Unofficial
32137	TCP	UDP	Immunet Protect (UDP in version 2.0,[156] TCP since version 3.0[157])	Unofficial
32245	TCP		MMTSG-mutualed over MMT (encrypted transmission)	Unofficial
32400	TCP	UDP	Used for Plex Media Server connections and media streams	Unofficial
32769	TCP		FileNet RPC	Unofficial
32887	TCP		Used by "Ace of Spades" game	Unofficial
32976	TCP		LogMeIn Hamachi (VPN tunnel software; also port 12975)—used to connect to Mediation Server (bibi.hamachi.cc); will attempt to use SSL (TCP port 443) if both 12975 & 32976 fail to connect	Unofficial
33330		UDP	FMAudit	Unofficial

Port	TCP	UDP	Description	Status
33333		UDP	TNTchat default server port	Unofficial
33434	TCP	UDP	<u>traceroute</u>	Official
33848		UDP	<u>Jenkins Remote access API and Auto-Discovery</u>	Unofficial
33982	TCP	UDP	<u>Dezta software</u>	Unofficial
34000			MasterPort—WarZ	Unofficial
34001			ClientPort—WarZ	Unofficial
34010			PortStart—WarZ	Unofficial
34271			<u>Remuco</u> remote control for media players[158]	Unofficial
34443			Linksys PSUS4 print server[159]	Unofficial
34567	TCP		EDI service[160]	Official
35357	TCP		OpenStack ID Service	Official
36330	TCP		<u>Folding@home v7</u> default for client control interface	Unofficial
36963		UDP	Unreal Software multiplayer games, such as Counter Strike 2D (2D clone of <u>Counter Strike</u>)	Unofficial
37659	TCP		Axence nVision[citation needed]	Unofficial
37777	TCP		<u>Digital Video Recorder</u> hardware[citation needed]	Unofficial
40000	TCP	UDP	SafetyNET p <u>Real-time Industrial Ethernet</u> protocol	Official
40123		UDP	Flatcast[161]	Unofficial
41794	TCP	UDP	Crestron Control Port	Official
41795	TCP	UDP	Crestron Control Port	Official
41823	TCP	UDP	Murealm Client[citation needed]	Unofficial
43034	TCP	UDP	LarmX.com™ database update mtr port[citation needed]	Unofficial
43047	TCP		TheòsMessenger second port for service TheòsMessenger[citation needed]	Unofficial
43048	TCP		TheòsMessenger third port for service TheòsMessenger[citation needed]	Unofficial
43594	TCP		<u>RuneScape, FunOrb, Runescape Private Servers</u> game servers	Unofficial
43595	TCP		<u>RuneScape JAGGRAB</u> servers	Unofficial
44405	TCP		<u>Mu Online</u> Connect Server[citation needed]	Unofficial
44444	TCP		<u>LightClaw.TeamServer</u> Asset synchronization[citation needed]	Unofficial
45824	TCP		Server for the DAI family of client-server products[citation needed]	Official
47001	TCP		<u>WinRM—Windows Remote Management Service</u> [162]	Official
47808		UDP	<u>BACnet</u> Building Automation and Control Networks (4780810 = BAC016), commonly spills to 47809–47816	Official
48653	TCP	UDP	<u>Robot Raconteur</u> transport[163]	Official
49151	TCP	UDP	Reserved[1]	Official
50006-50009		UDP	<u>Red Hat</u> Cluster Configuration System Daemon Reserved[164]	Unofficial
60000-61000		UDP	<u>Mosh</u>	Unofficial