

Port	Description	status
0/TCP,UDP	Reserved; do not use (but is a permissible source port value if the sending process does not expect messages in response)	Official
1/TCP,UDP	<a href="#">TCPMUX</a> (TCP port service multiplexer)	Official
5/TCP,UDP	<a href="#">RJE</a> (Remote Job Entry)	Official
7/TCP,UDP	<a href="#">ECHO protocol</a>	Official
9/TCP,UDP	<a href="#">DISCARD</a> protocol	Official
11/TCP,UDP	<a href="#">SYSTAT</a> protocol	Official
13/TCP,UDP	<a href="#">DAYTIME</a> protocol	Official
17/TCP,UDP	<a href="#">QOTD</a> (Quote of the Day) protocol	Official
18/TCP,UDP	Message Send Protocol	Official
19/TCP,UDP	<a href="#">CHARGEN</a> (Character Generator) protocol	Official
20/TCP	<a href="#">FTP</a> - data port	Official
21/TCP	<a href="#">FTP</a> - control (command) port	Official
22/TCP,UDP	<a href="#">SSH</a> (Secure Shell) - used for secure logins, <a href="#">file transfers</a> ( <a href="#">scp</a> , <a href="#">sftp</a> ) and port forwarding	Official
23/TCP,UDP	<a href="#">Telnet</a> protocol - unencrypted text communications	Official
25/TCP,UDP	<a href="#">SMTP</a> - used for e-mail routing between mailservers <a href="#">E-mails</a>	Official
26/TCP,UDP	<a href="#">RSFTP</a> - A simple FTP-like protocol	Unofficial
35/TCP,UDP	QMS Magicolor 2 printer	Unofficial
37/TCP,UDP	<a href="#">TIME protocol</a>	Official
39/TCP,UDP	Resource Location Protocol	Official
41/TCP,UDP	Graphics	Official
42/TCP,UDP	Host Name Server	Official
42/TCP,UDP	<a href="#">WINS</a>	Unofficial
43/TCP	<a href="#">WHOIS</a> protocol	Official
49/TCP,UDP	<a href="#">TACACS</a> Login Host protocol	Official
53/TCP,UDP	<a href="#">DNS</a> (Domain Name System)	Official
56/TCP,UDP	Route Access Protocol	Official
57/TCP	MTP, Mail Transfer Protocol	
67/UDP	<a href="#">BOOTP</a> (BootStrap Protocol) server; also used by <a href="#">DHCP</a> (Dynamic Host Configuration Protocol)	Official
68/UDP	<a href="#">BOOTP</a> client; also used by <a href="#">DHCP</a>	Official
69/UDP	<a href="#">TFTP</a> (Trivial File Transfer Protocol)	Official
70/TCP	<a href="#">Gopher</a> protocol	Official
79/TCP	<a href="#">Finger protocol</a>	Official
80/TCP	<a href="#">HTTP</a> (HyperText Transfer Protocol) - used for transferring web pages	Official

81/TCP	<a href="#">HTTP</a> Alternate (HyperText Transfer Protocol)	Official
81/TCP	<a href="#">Torpark</a> - <a href="#">Onion routing</a> ORport	Unofficial
82/UDP	<a href="#">Torpark</a> - Control Port	Unofficial
88/TCP	<a href="#">Kerberos</a> - authenticating agent	Official
101/TCP	HOSTNAME	
102/TCP	ISO-TSAP protocol	
107/TCP	Remote Telnet Service	
109/TCP	POP, Post Office Protocol, version 2	
110/TCP	<a href="#">POP3</a> (Post Office Protocol version 3) - used for retrieving <a href="#">E-mails</a>	Official
111/TCP,UDP	sun protocol	Official
113/TCP	<a href="#">ident</a> - old server identification system, still used by <a href="#">IRC</a> servers to identify its users	Official
115/TCP	SFTP, Simple File Transfer Protocol	
117/TCP	UUCP-PATH	
118/TCP,UDP	<a href="#">SQL</a> Services	Official
119/TCP	<a href="#">NNTP</a> (Network News Transfer Protocol) - used for retrieving newsgroups messages	Official
123/UDP	<a href="#">NTP</a> (Network Time Protocol) - used for time synchronization	Official
135/TCP,UDP	EPMAP (End Point Mapper) / Microsoft RPC Locator Service	Official
137/TCP,UDP	<a href="#">NetBIOS</a> NetBIOS Name Service	Official
138/TCP,UDP	<a href="#">NetBIOS</a> NetBIOS Datagram Service	Official
139/TCP,UDP	<a href="#">NetBIOS</a> NetBIOS Session Service	Official
143/TCP,UDP	<a href="#">IMAP4</a> (Internet Message Access Protocol 4) - used for retrieving <a href="#">E-mails</a>	Official
152/TCP,UDP	BFTP, Background File Transfer Program	
153/TCP,UDP	SGMP, <a href="#">Simple Gateway Monitoring Protocol</a>	
156/TCP,UDP	SQL Service	Official
158/TCP,UDP	DMSP, Distributed Mail Service Protocol	
161/TCP,UDP	<a href="#">SNMP</a> (Simple Network Management Protocol)	Official
162/TCP,UDP	SNMPTRAP	Official
170/TCP	Print-srv	
179/TCP	<a href="#">BGP</a> (Border Gateway Protocol)	Official
194/TCP	<a href="#">IRC</a> (Internet Relay Chat)	Official
201/TCP,UDP	AppleTalk Routing Maintenance	
209/TCP,UDP	The Quick Mail Transfer Protocol	
213/TCP,UDP	<a href="#">IPX</a>	Official
218/TCP,UDP	MPP, Message Posting Protocol	
220/TCP,UDP	IMAP, Interactive Mail Access Protocol, version 3	

259/TCP,UDP	ESRO, Efficient Short Remote Operations	
264/TCP,UDP	<a href="#">BGMP</a> , Border Gateway Multicast Protocol	
311/TCP	Apple Server-Admin-Tool, Workgroup-Manager-Tool	
308/TCP	Novastor Online Backup	Official
318/TCP,UDP	TSP, <a href="#">Time Stamp Protocol</a>	
323/TCP,UDP	IMMP, Internet Message Mapping Protocol	
383/TCP,UDP	HP OpenView HTTPs Operations Agent	
366/TCP,UDP	SMTP, Simple Mail Transfer Protocol. ODMR, On-Demand Mail Relay	
369/TCP,UDP	Rpc2portmap	Official
371/TCP,UDP	ClearCase albd	Official
384/TCP,UDP	A Remote Network Server System	
387/TCP,UDP	AURP, AppleTalk Update-based Routing Protocol	
389/TCP,UDP	<a href="#">LDAP</a> (Lightweight Directory Access Protocol)	Official
401/TCP,UDP	<a href="#">UPS</a> Uninterruptible Power Supply	Official
411/TCP	<a href="#">Direct Connect</a> Hub port	Unofficial
412/TCP	<a href="#">Direct Connect</a> Client-To-Client port	Unofficial
427/TCP,UDP	<a href="#">SLP</a> (Service Location Protocol)	Official
443/TCP	<a href="#">HTTPS</a> - <a href="#">HTTP</a> Protocol over <a href="#">TLS/SSL</a> (encrypted transmission)	Official
444/TCP,UDP	<a href="#">SNPP</a> , Simple Network Paging Protocol	
445/TCP	Microsoft-DS ( <a href="#">Active Directory</a> , Windows shares, <a href="#">Sasser worm</a> , Agobot, Zobotworm)	Official
445/UDP	Microsoft-DS <a href="#">SMB</a> file sharing	Official
464/TCP,UDP	Kerberos Change/Set password	Official
465/TCP	Cisco protocol	Official
465/TCP	<a href="#">SMTP</a> over <a href="#">SSL</a>	Unofficial
475/TCP	tcpnethasprv ( <a href="#">Hasp</a> services, TCP/IP version)	Official
497/TCP	<a href="#">dantz</a> backup service	Official
500/TCP,UDP	<a href="#">ISAKMP</a> , IKE-Internet Key Exchange	Official
502/TCP,UDP	<a href="#">Modbus</a> , Protocol	
512/TCP	exec, Remote Process Execution	
512/UDP	comsat, together with <a href="#">biff</a> : notifies users of new c.q. yet unread <a href="#">e-mail</a>	
513/TCP	Login	
513/UDP	Who	
514/TCP	<a href="#">rsh</a> protocol - used to execute non-interactive commandline commands on a remote system and see the screen return	
514/UDP	<a href="#">syslog</a> protocol - used for system logging	Official
515/TCP	<a href="#">Line Printer Daemon protocol</a> - used in LPD printer servers	

517/UDP	Talk	
518/UDP	NTalk	
520/TCP	efs	
520/UDP	Routing - <a href="#">RIP</a>	Official
513/UDP	Router	
524/TCP,UDP	<a href="#">NCP</a> (NetWare Core Protocol) is used for a variety things such as access to primary NetWare server resources, Time Synchronization, etc.	Official
525/UDP	Timed, Timeserver	
530/TCP,UDP	<a href="#">RPC</a>	Official
531/TCP,UDP	AOL Instant Messenger, IRC	Unofficial
532/TCP	netnews	
533/UDP	netwall, For Emergency Broadcasts	
540/TCP	<a href="#">UUCP</a> (Unix-to-Unix Copy Protocol)	Official
542/TCP,UDP	<a href="#">commerce</a> (Commerce Applications)	Official
543/TCP	klogin, Kerberos login	
544/TCP	kshell, Kerberos Remote shell	
546/TCP,UDP	DHCPv6 client	
547/TCP,UDP	DHCPv6 server	
548/TCP	AFP ( <a href="#">Apple Filing Protocol</a> )	
550/UDP	new-rwho, new-who	
554/TCP,UDP	<a href="#">RTSP</a> (Real Time Streaming Protocol)	Official
556/TCP	Remotefs, rfs, rfs_server	
560/UDP	rmonitor, Remote Monitor	
561/UDP	monitor	
563/TCP,UDP	<a href="#">NNTP</a> protocol over TLS/SSL (NNTPS)	Official
587/TCP	email message submission ( <a href="#">SMTP</a> ) ( <a href="#">RFC 2476</a> )	Official
591/TCP	<a href="#">FileMaker</a> 6.0 (and later) Web Sharing ( <i>HTTP Alternate, see port 80</i> )	Official
593/TCP,UDP	HTTP RPC Ep Map (RPC over HTTP, often used by <a href="#">DCOM</a> services and <a href="#">Microsoft Exchange Server</a> )	Official
604/TCP	TUNNEL	
631/TCP,UDP	<a href="#">IPP</a> , Internet Printing Protocol	
636/TCP,UDP	<a href="#">LDAP</a> over <a href="#">SSL</a> (encrypted transmission, also known as LDAPS)	Official
639/TCP,UDP	MSDP, <a href="#">Multicast Source Discovery Protocol</a>	
646/TCP	LDP, Label Distribution Protocol	
647/TCP	DHCP Failover Protocol	
648/TCP	RRP, Registry Registrar Protocol	
652/TCP	DTCP, Dynamic Tunnel Configuration Protocol	

654/TCP	AODV, Ad hoc On-Demand Distance Vector	
665/TCP	sun-dr, Remote Dynamic Reconfiguration	Unofficial
666/UDP	<a href="#">Doom</a> , First online <a href="#">first-person shooter</a>	
674/TCP	ACAP, Application Configuration Access Protocol	
691/TCP	MS Exchange Routing	Official
692/TCP	Hyperwave-ISP	
694/UDP	Linux-HA High availability Heartbeat port	Unofficial
695/TCP	IEEE-MMS-SSL	
698/UDP	OLSR, Optimized Link State Routing	
699/TCP	Access Network	
700/TCP	EPP, Extensible Provisioning Protocol	
701/TCP	LMP, Link Management Protocol.	
702/TCP	IRIS over BEEP	
706/TCP	SILC, Secure Internet Live Conferencing	
711/TCP	TDP, Tag Distribution Protocol	
712/TCP	TBRPF, Topology Broadcast based on Reverse-Path Forwarding	
720/TCP	SMQP, Simple Message Queue Protocol	
749/TCP, UDP	kerberos-adm, Kerberos administration	
750/UDP	Kerberos version IV	
782/TCP	<a href="#">Conserver</a> serial-console management server	
829/TCP	CMP (Certificate Management Protocol)	
860/TCP	<a href="#">iSCSI</a>	
873/TCP	<a href="#">rsync</a> File synchronisation protocol	Official
901/TCP	<a href="#">Samba</a> Web Administration Tool (SWAT)	Unofficial
902	<a href="#">VMware</a> Server Console <sup>[1]</sup>	Unofficial
904	<a href="#">VMware</a> Server Alternate (if 902 is in use - ie SUSE linux)	Unofficial
911/TCP	<a href="#">Network Console on Acid</a> (NCA) - local <a href="#">tty</a> redirection over <a href="#">OpenSSH</a>	
981/TCP	<a href="#">SofaWare Technologies</a> Remote HTTPS management for firewall devices running embedded <a href="#">Checkpoint Firewall-1</a> software	Unofficial
989/TCP,UDP	<a href="#">FTP</a> Protocol (data) over TLS/SSL	Official
990/TCP,UDP	FTP Protocol (control) over TLS/SSL	Official
991/TCP,UDP	NAS (Netnews Admin System)	
992/TCP,UDP	Telnet protocol over TLS/SSL	Official
993/TCP	<a href="#">IMAP4</a> over <a href="#">SSL</a> (encrypted transmission)	Official
995/TCP	<a href="#">POP3</a> over <a href="#">SSL</a> (encrypted transmission)	Official