

Port #	Acronym	Protocol	Transport Layer Protocol	Notes
7	echo	ping	TCP, UDP	Port echoes whatever is sent to it
20	FTP	File Transfer Protocol	TCP (Data)	Data transfer
21	FTP	File Transfer Protocol	TCP (Control)	Control command
22	SSH	Secure Shell	TCP, UDP	Secure logins, file transfers (SCP, SFTP), and port forwarding
23	TELNET	TELNET	TCP	Unencrypted text communications
25	SMTP	Simple Mail Transfer Protocol	TCP	Used for email routing between mail servers
49	TACACS+	TACACS+ Login Host Protocol	TCP, UDP	
53	DNS	Domain Name System	TCP, UDP	
67	DHCP	Dynamic Host Configuration Protocol	UDP	and BOOTP (Bootstrap protocol) server
68	DHCP	Dynamic Host Configuration Protocol	UDP	and BOOTP (Bootstrap protocol) client
69	TFTP	Trivial File Transfer Protocol	UDP	
80	HTTP	Hypertext Transfer Protocol	TCP, UDP	Web server communication
88	Kerberos	Kerberos	TCP	Authentication system
110	POP3	Post Office Protocol version 3	TCP	Receive email into an email client
119	NNTP	Network News Transfer Protocol	TCP	Retrieval of news group messages
123	NTP	Network Time Protocol	UDP	Used for time synchronization
137	NetBIOS	NetBIOS Name Service	UDP	Register, remove, and find services by name
138	NetBIOS	NetBIOS Datagram Service	UDP	Connectionless data transfer
139	NetBIOS	NetBIOS Session Service	TCP	Connection-oriented data transfer
143	IMAP4	Internet Mail Access Protocol	TCP	Management of electronic mail messages on a server. Newer email client protocol.
161	SNMP	Simple Network Management Protocol	UDP	A SNMP Agent receives requests on UDP port 161.
161	SNMP	Simple Network Management Protocol	UDP	A SNMP Management station receives SNMP notifications on UDP port 162
389	LDAP	Lightweight Directory Access Protocol	TCP	Internet protocol used by MS Active Directory, as well as some email programs to look up contact information from a server.
443	HTTPS	Hypertext Transfer Protocol Secure	TCP	Secure web browser communication. SSL VPN or HTTP over TLS/SSL. Encrypted.
445	SMB	Server Message Block	TCP	Used for file sharing in Windows NT/2K/XP and direct TCP/IP MS Networking access without the need for a NetBIOS layer.
500	Ipsec	Internet Protocol security	UDP	Through the use of ISAKMP (Internet Security Association and Key Management Protocol)
514	Syslog	System Logging	UDP	Used for system logging
1701	L2TP	Layer 2 Tunneling Protocol	UDP	
1720	H.323	H.323	TCP	(VoIP) call signalling protocol during call setup negotiation. Most common in Microsoft NetMeeting. For media content streaming.
1723	PPTP	Point-to-Point Tunneling Protocol	TCP	
1812	RADIUS	RADIUS Authentication Protocol	TCP, UDP	
1813	RADIUS	RADIUS Accounting Protocol	TCP, UDP	
2427	MGCP	Media Gateway Control Protocol - Gateway	UDP	Call Agent to Gateway
2727	MGCP	Media Gateway Control Protocol - Call Agent	TCP, UDP	Gateway to Call Agent. Media Gateway Controller (call agent).
3389	RDP	Remote Desktop Protocol	TCP, UDP	Microsoft Terminal Server (RDP) officially registered as Windows Based Terminal (WBT).
5004	RTP	Real-time Transport Protocol	UDP	VoIP media stream. Media data.
5005	RTCP	Real-time Transport Control Protocol	UDP	VoIP media stream.
5060	SIP	Session Initiation Protocol	TCP, UDP	VoIP signaling. Non-encrypted traffic.
5061	SIP	Session Initiation Protocol over TLS	TCP	VoIP signalling. Traffic encrypted with TLS.