

Protocol	Port	Description
ARP		Address Resolution Protocol Resolves IP addresses to MAC addresses.
FTP	20/21	File Transfer Protocol: 20 is for data/21 is for control.
SSH	22	Secure Shell – Encrypts traffic on the wire, used for telnet and FTP.
Telnet	23	Remote connection using the command line, data sent in clear text, secured using SSH. Virtual terminal.
SMTP	25	Simple Mail Transport Protocol, used for transferring email between clients and SMTP servers. <i>“Sends mail to the post office!”</i>
TACACS+ Interacts with Kerberos	49	Terminal Access Controller Access-Control System+ Encrypts entire authentication process and is the preferred alternative to RADIUS.
DNS	53	Domain Name System, Resolves Host names to IP addresses
DHCP	67	Dynamic Host Configuration Protocol
TFTP	69	Trivial File Transfer Protocol (transfers small data)
HTTP	80	Hypertext Transfer Protocol – delivers HTML traffic
Kerberos	88/749	Authentication protocol, uses a KDC to issue time-stamped tickets with 5 min expiry
POP3	110	Post Office Protocol version 3 “Pat the post man!!” Transfers email from email server to client
NNTP	119	Network News Transfer Protocol – news groups/forums
NTP	123	Network Time Protocol - time synchronisation

IMAP4	143	Internet Message Access Protocol Stores and organizes email on an email or SMTP server “organize mail at the post office”
HTTPS	443	Hypertext Transfer Protocol Secure *Hypertext transfer protocol over secure socket layer A SLL session using HTTP
SSL	443	Secure Sockets Layer, used to encrypt traffic such as telnet and FTP, combines with HTTP for secure session.
SNMP	161/162	Simple Network Management Protocol, used to manage and configure network devices, routers etc.
LDAP/TLS LDAP/SSL	636	Lightweight Directory Access Protocol, used to communicate with Windows Active Directory, secured with TLS (Transport Layer Security) or (SSL)
LDAP	389	Lightweight Directory Access Protocol, used to make configuration changes to Active Directory.
L2TP	1701	Layer two Tunneling Protocol, used with IPSec, secures a VPN tunnel for secure communications UDP - 1701
PPTP	1723	Point-to-Point Tunneling Protocol, used with VPNs TCP - 1723
RADIUS	1812	Remote Authentication Dial-in User Service, used for remote servers to authenticate users via a centralized server, eg..AOL, users connect via remote servers to AOL. They are then authenticated via the main AOL server. RADIUS only encrypts the password.
RDP Terminal Services	3389	Remote Desktop Protocol, also known as Terminal Services and Remote Desktop Service. Allows a client to remotely access another system, eg: A user can access and administer a server from home.

