Internet Message Access Protocol (IMAP) is used to allow email clients to retrieve and read email on the email server.		Secure Shell (SSH) is a cryptographic protocol that is used to remotely administer Linux servers and network equipment through a text console.
IMAP allows for multiple email clients to access the same email box simultaneously.		The SSH protocol uses public-key cryptology to authenticate and encrypt network access from the remote computer.
IMAP also uses flags on the messages so that email clients can keep track of which emails are read and unread.	IMAP (143)	The SSH protocol listens for incoming requests on TCP port 22.
IMAP listens for incoming connections on the email server from email clients on TCP port 143.		Domain Name System (DNS) is a distributed directory of domain resource records.
When encryption is used, all data transmitted is encrypted on TCP port 993.		Primarily used in translating fully qualified domain names (FQDNs) to IP addresses.
The Post Office Protocol (POP), also known as POP3, is a legacy protocol, but it'		DNS (53)  DNS can also be used for other lookups, such as IP addresses to FQDNs (called reverse DNS lookups)
s still used on the Internet today.  POP is slowly being replaced with IMAP.		"DNS resolvers operate on UDP port 53 for simple lookups. DNS servers also use TCP port 53 (called the zone transfer) for data replication.
POP allows email clients, also called mail user agents (MUAs), to log in and retrieve email.		Simple Mail Transport Protocol (SMTP) is a protocol used by mail transfer agents (
POP listens for requests to the server on TCP port 110.  Although POP3 is a legacy protocol, it is	POP (110)	MTAs) to deliver emails to a destination email server.  The protocol is used only in the process of delivering the email to the email server.
still used for legacy applications and transmits information in clear text. Therefore, POP3 over SSL can be employed to encrypt any data in transit POP3 over SSL (995)		SMTP operates on TCP port 25.
Remote Desktop Protocol (RDP) is a Microsoft protocol used for connecting to another Microsoft computer or server for remote administration		The Simple Mail Transport Protocol (SMTP) can operate over Transport Layer Security TLS).  SMTP TLS (587)  Uses TCP port 587.
The RDP client built into the Microsoft operating system is mstsc.exe (the Microsoft Terminal Services Client).	Common Ports and  Protocols Of	File Transfer Protocol (FTP) is a legacy file sharing protocol that is still commonly used on the Internet.
The operating system listens for requests on TCP port 3389.	Protocols 01	FTP is slowly being replaced with SFTP because SFTP offers encryption and doesn' t have the firewall issues FTP has.
Hypertext Transfer Protocol (HTTP) is an application protocol for web data communications.		Control channel operates on port 21 while the data channel operates on port 20.
The server listens for incoming requests on TCP port 80.		Secure File Transfer Protocol (SFTP) is a file transfer protocol that uses the SSH inner workings.
Basically HTTP over secure channel (SSL)  SSL is a cryptographic suite of protocols that uses Public Key Infrastructure (PKI).	HTTP (80)	FTP (20, 21)  SFTP (22)  Since SFTP is used with the SSH protocol, the server awaits an incoming connection on TCP port 22.
The web server listens for requests on TCP port 443.		Trivial File Transfer Protocol (TFTP) is a handy protocol because it provides no security and is simplistic in its operation.
A private key must be imported into the web server from a mutually trusted source to allow SSL to properly work.		TFTP is used to boot computers over the network with the Preboot Execution Environment (PXE). It is also used to transfer software images for network devices such as routers and switches during software upgrades.
Dynamic Host Configuration Protocol ( DHCP) is a protocol that provides automatic configuration of IP addresses, subnet masks, and options such as Domain		Network devices also use TFTP to back up and restore configurations.
Name System (DNS) servers and the remote gateway to network devices.  DHCP operates in a connectionless state		The TFTP server listens for requests on UDP port 69.
because during the process the client does not yet have an established IP address.  During the configuration process, the	DHCP (67)	The Telnet protocol allows remote
DHCP server waits for a request from clients on UDP port 67.  Clients will send the initial request from		The Telnet protocol allows remote administration of network devices through a text-based console.
UDP port 68. When the server responds it responds to UDP port 68 from UDP port 67.		No encryption which is why it's being replaced by SSH.
		A Telnet server or device will await connection on TCP port 23.