

One of the most popular applications on the Internet today is electronic mail (email). All communication via TELNET is carried out through a virtual device called Network Virtual Terminal (NVT). TELNET (TErminAl NETwork) is an Internet protocol that allows computer users to access computers from great distances (remote login). Through a particular user interface, the user is able to browse within the Web using a distinct URL (Uniform Resource Locator). Every email message issued from within the domain is first sent to the domain's mail server, which then directs the message to its destination. The message stays in the destination domain's mail server until the recipient requests to see their incoming mail. The local part specifies a special file, called the user mailbox, where all the incoming mail is stored for retrieval by the user agent. It establishes two connections between the linked devices: one for data transfer and one for control information (commands and responses). A client software application (Web browser) resides on the user's computer and is responsible for accessing information on the Web, and displaying it on the user's device. The domain name illustrates the computer which implements the specific SMTP server.