What is World Wide Web?

World Wide Web, which is also known as a Web, is a collection of websites or web pages stored in web servers and connected to local computers through the internet. These websites contain text pages, digital images, audios, videos, etc. Users can access the content of these sites from any part of the world over the internet using their devices such as computers, laptops, cell phones, etc. The WWW, along with internet, enables the retrieval and display of text and media to your device.

DNS (Domain Name Server)

If any user from the personal computer, laptop or tablet uses the Internet and tries to login into some website then the user is using DNS for sure. Thus it is very important to understand the working on a domain name server.

PC's, laptop or tablets don't understand the language of a web address, which means the domain name like Google.com to make them understand for which site we are looking for. Thus DNS came into the role and provides the host with the mapped IP address in respect to the domain name of the website.

Domain Name Service. The service is used to Translate a name to an IP address.

Email

Short for electronic mail, e-mail or email is information stored on a computer that is exchanged between two users over telecommunications. More plainly, e-mail is a message that may contain text, files, images, or other attachments sent through a network to a specified individual or group of individuals.

FTP (File Transfer Protocol)

It is one of the widely used application layer protocol of the TCP/IP protocol suite. FTP is basically used to exchange data between two host devices over the Internet or Intranet securely.

It is referred to as one of the safest modes of file sharing among systems, and thus it is deployed by large industries, universities, and offices.

It works in the client-server model and thus the user needs an FTP client program to run FTP on its system. The common types of FTP client program include Filezilla and Dreamweaver etc.

The data transfer takes place only in one direction at a time. The FTP protocol carry out many duties apart from file transfer like creation and deletion of data files, listing, renaming, etc.

What is HTTP?

The Hypertext Transfer Protocol (HTTP) is the foundation of the World Wide Web, and is used to load web pages using hypertext links. HTTP is an [application layer](#) protocol designed to transfer information between networked devices and runs on top of other layers of the network protocol stack. A typical flow over HTTP involves a client machine making a request to a server, which then sends a response message.