

## **What is HTTP (Hypertext Transfer Protocol)?**

HTTP or Hyper Text Transfer Protocol provides a set of rules to transfer files, videos, images over the world wide web. When the web browser is opened, a HTTP request call is made. A web server contains a HTTP daemon. This daemon is used to wait for HTTP requests and handle them when they arrive. The web browser from where HTTP requests are made is called as a client. These requests are sent to the server. It uses a reserved port no 80.

## **What is TCP / IP protocol?**

Transmission Control Protocol / Internet Protocol: - It is a family of protocols used for communication and connection between hosts on the internet. It is the most widely used standard for transmitting data over the internet. The four layers in the protocol are (from bottom to top):- Physical layer, Data link layer, Network layer, transport layer and application layer, also called as the OSI model. In TCP/IP, IP is responsible for forwarding packets while TCP ensures the correct delivery of data from client to server. TCP detects loss of data as well.