What is web server ?

A **web server** is a computer that runs **websites**. It's a computer program that distributes **web** pages as they are requisitioned. The basic objective of the **web server** is to store, process and deliver **web** pages to the users. This intercommunication is done using Hypertext Transfer Protocol (**HTTP**).

. What is Application server ?

An application server is a type of server designed to install, operate and host applications and associated services for end users, IT services and organizations. It facilitates the hosting and delivery of high-end consumer or business applications, which are used by multiple and simultaneously connected local or remote users.

**How does a web browser work?**

A web browser takes you anywhere on the internet. It retrieves information from other parts of the web and displays it on your desktop or mobile device. The information is transferred using the Hypertext Transfer Protocol, which defines how text, images and video are transmitted on the web. This information needs to be shared and displayed in a consistent format so that people using any browser, anywhere in the world can see the information.

**What is TCP and how it works?**

[Transmission Control Protocol](https://en.wikipedia.org/wiki/Transmission_Control_Protocol), is a communication protocol that was introduced to the world in a 1974 paper entitled A Protocol for Packet Network Intercommunication. While TCP is used to connect network devices to the internet, it can also be used as a communication protocol for a private intranet or extranet

TCP provides communication between an application program and the Internet Protocol (they are frequently written as TCP/IP.) An application does not need to required packet fragmentation on the transmission medium or other mechanisms for sending data in order to be sent via TCP. [While IP handles actual delivery of the data](https://en.wikipedia.org/wiki/Transmission_Control_Protocol), TCP keeps track of 'segments' - the individual units of data transmission that a message is divided into for efficient routing through the network.

What is XML?

XML is a software- and hardware-independent tool for storing and transporting data.

* XML stands for eXtensible Markup Language
* XML is a markup language much like HTML
* XML was designed to store and transport data
* XML was designed to be self-descriptive
* XML is a W3C Recommendation