

WHAT IS A WEB SERVER?



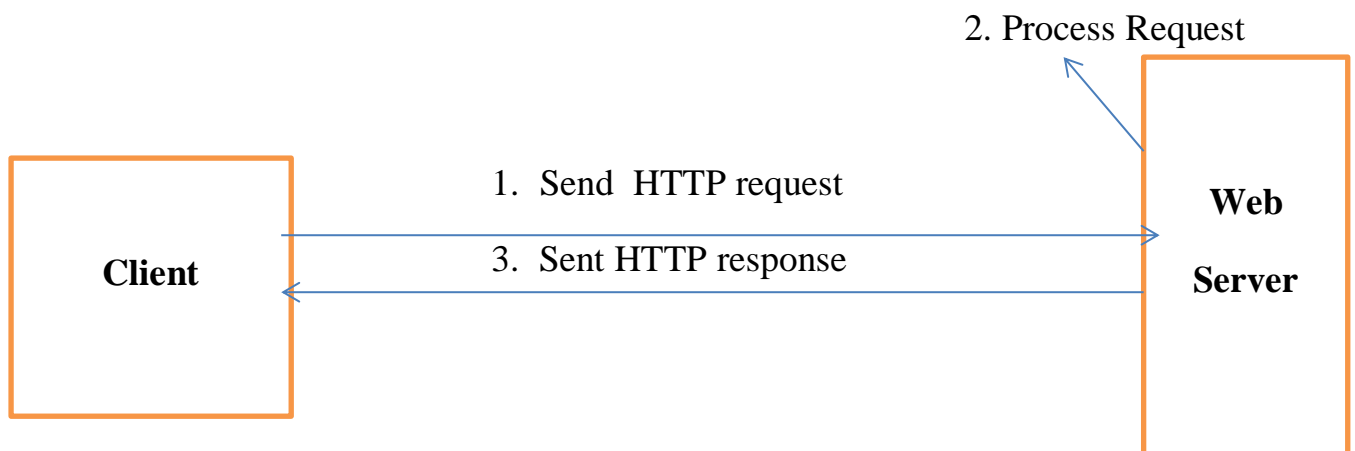
What is a Server?

Server is a machine which accepts and process request which was given by another machine(Client)

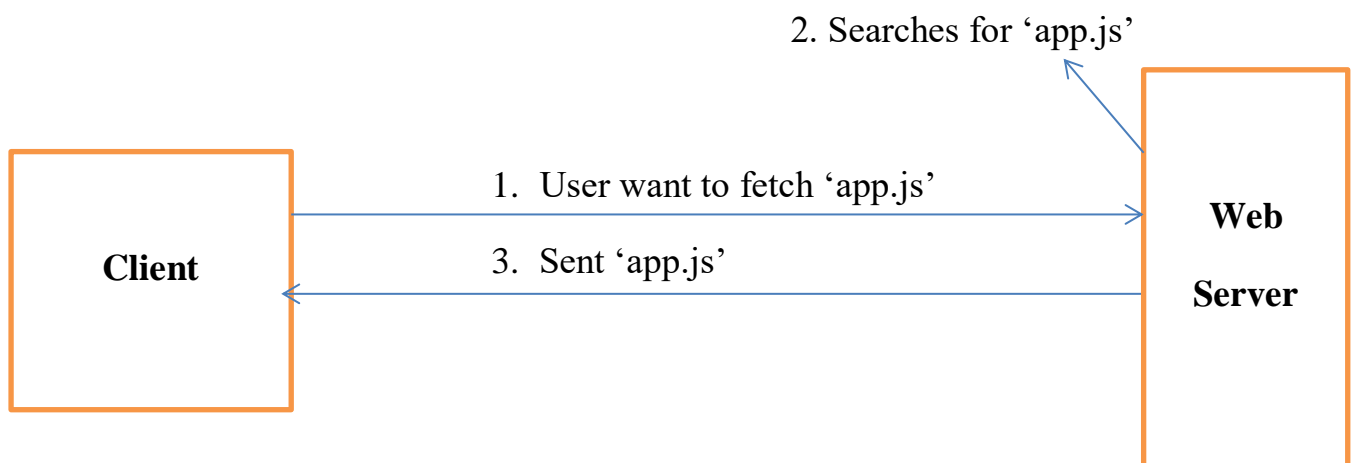
Web Server:

- A Web Server is a computer which provides information to another computer **over Internet**.
- The primary focus of web servers is to store and deliver information to clients.
- A web server may consists of web applications like websites, webpages etc.,
- A web server can run on both user mode and kernel mode.

How a Web Server works?



For example,



Ip address:192.127.0.24

While talking about web server, we came across a term “Web Browser”

- Web browser acts as an interface between client and server
(ie) Let us take the above example,
 - ✓ Client sends a request for a file named “app.js”
 - ✓ Web browser again send a request to server asking for the files which client asks.

- ✓ Web server searches for the file and after fetching, it sends that file to “Web browser”
- ✓ Web browser helps in displaying the contents of the file to the client
- Let us see some of the major differences between web browser and web server for better understanding:

Web Browser	Web Server
Web Browser is an application which can be used over internet	Web Server is a machine which provides information to another machine(Client)
Web Browser requests for an information to Web Server and displays the content of the webpage	Web Server accepts and process the request given by Web Browser and sent a response in turn.

Types of Web Server:

- Apache Web Server
- IIS Web Server
- Nginx Web Server
- Litespeed Web Server