Course: Computer and Communication Networks

Topic: Hypertext Transfer Protocol (HTTP)

Presentation by

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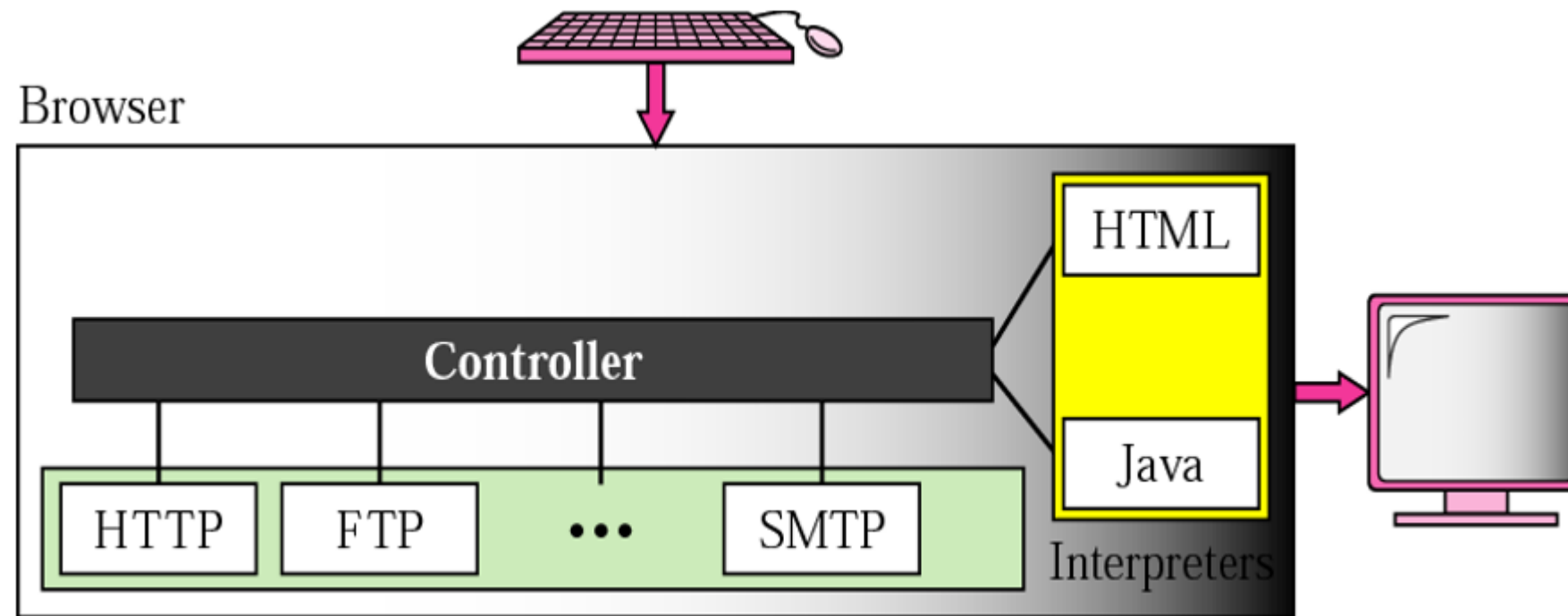Bhadson Road, Patiala, Punjab, Pin-147004
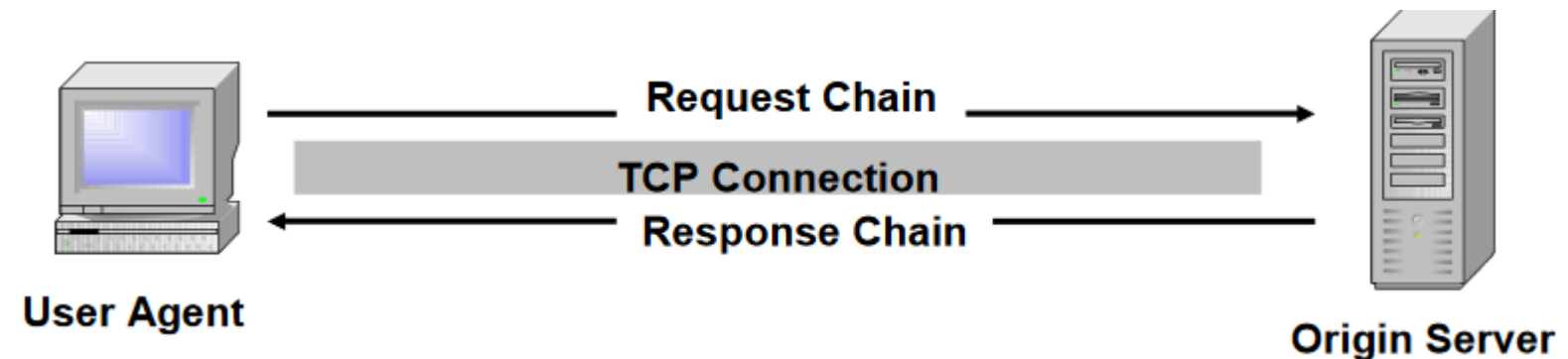Contact No. : +91-175-2393201
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Components of Web server

Reference: 1. Ferouzan, Behrouz A., Data Communications and Networking, 2. Stallings William, Data and Computer Communication. 3. https://ieeexplore.ieee.org
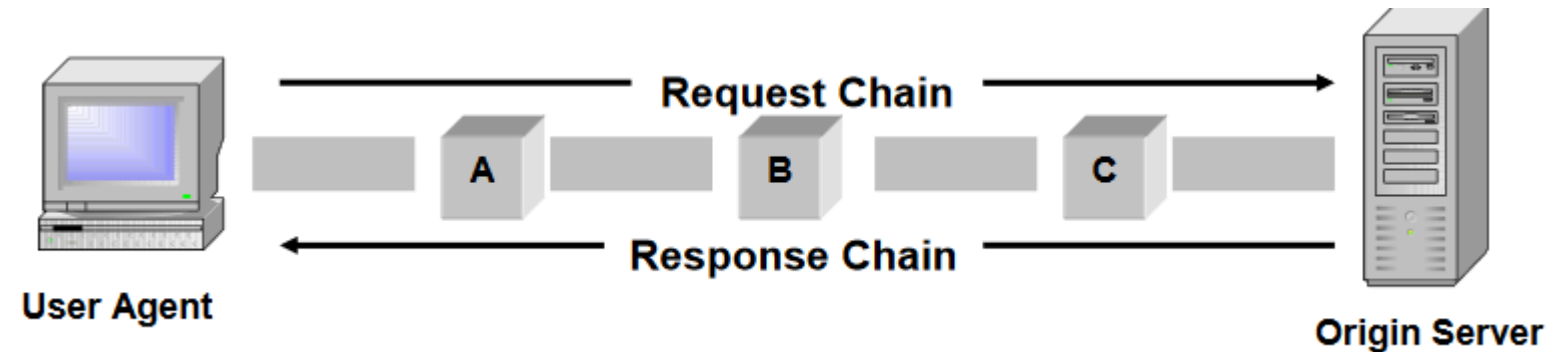
Hypertext Transfer Protocol (HTTP)

The Hypertext Transfer Protocol (HTTP) is a protocol used mainly to access data on the World Wide Web.

HTTP is like SMTP because the data transferred between the client and the server look like SMTP messages.

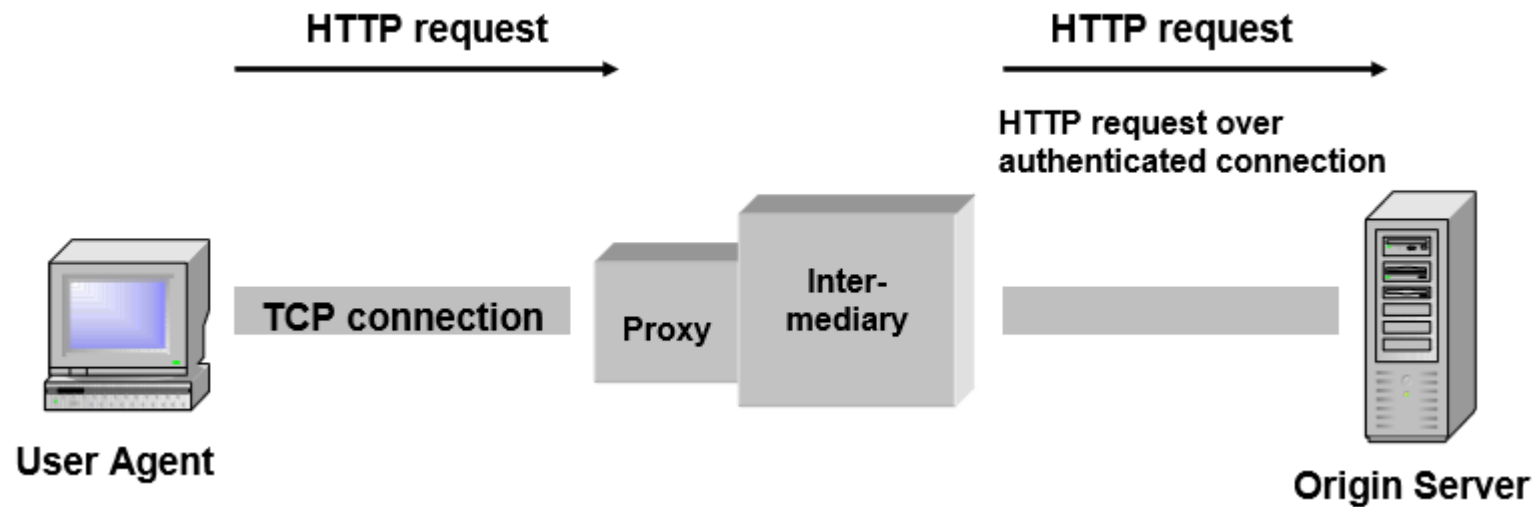HTTP uses the services of TCP on well-known port 80.

Hypertext Transfer Protocol (HTTP)

here are one or more intermediate systems with TCP connections between logically adjacent systems.
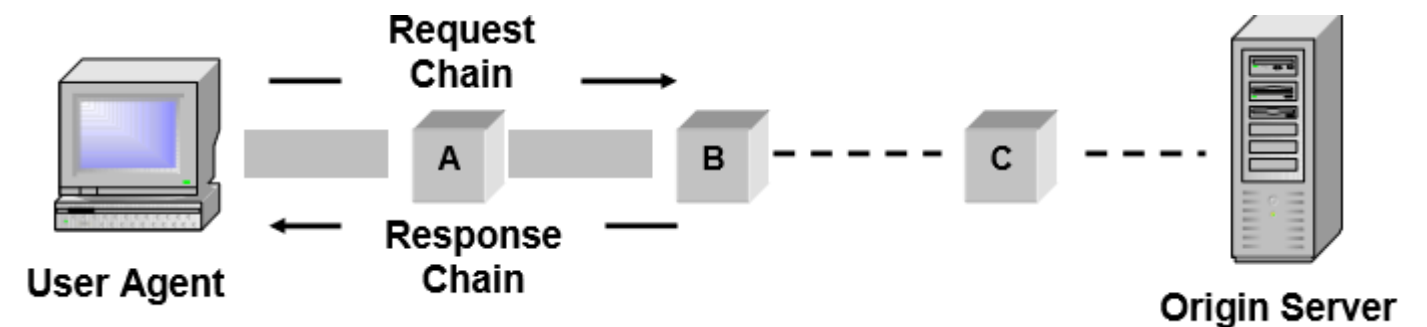
Each intermediate system acts as a relay.

Reference: 1. Ferouzan, Behrouz A., Data Communications and Networking, 2. Stallings William, Data and Computer Communication. 3. https://ieeexplore.ieee.org

Hypertext Transfer Protocol (HTTP)

A proxy acts on behalf of other clients and presents requests from other clients to a server.

With Proxy

A cache is a facility that may store previous requests and responses for handling new requests.

With Cache

Reference: 1. Ferouzan, Behrouz A., Data Communications and Networking, 2. Stallings William, Data and Computer Communication. 3. https://ieeexplore.ieee.org