



Week 10

Application-Level Gateway (Proxy)

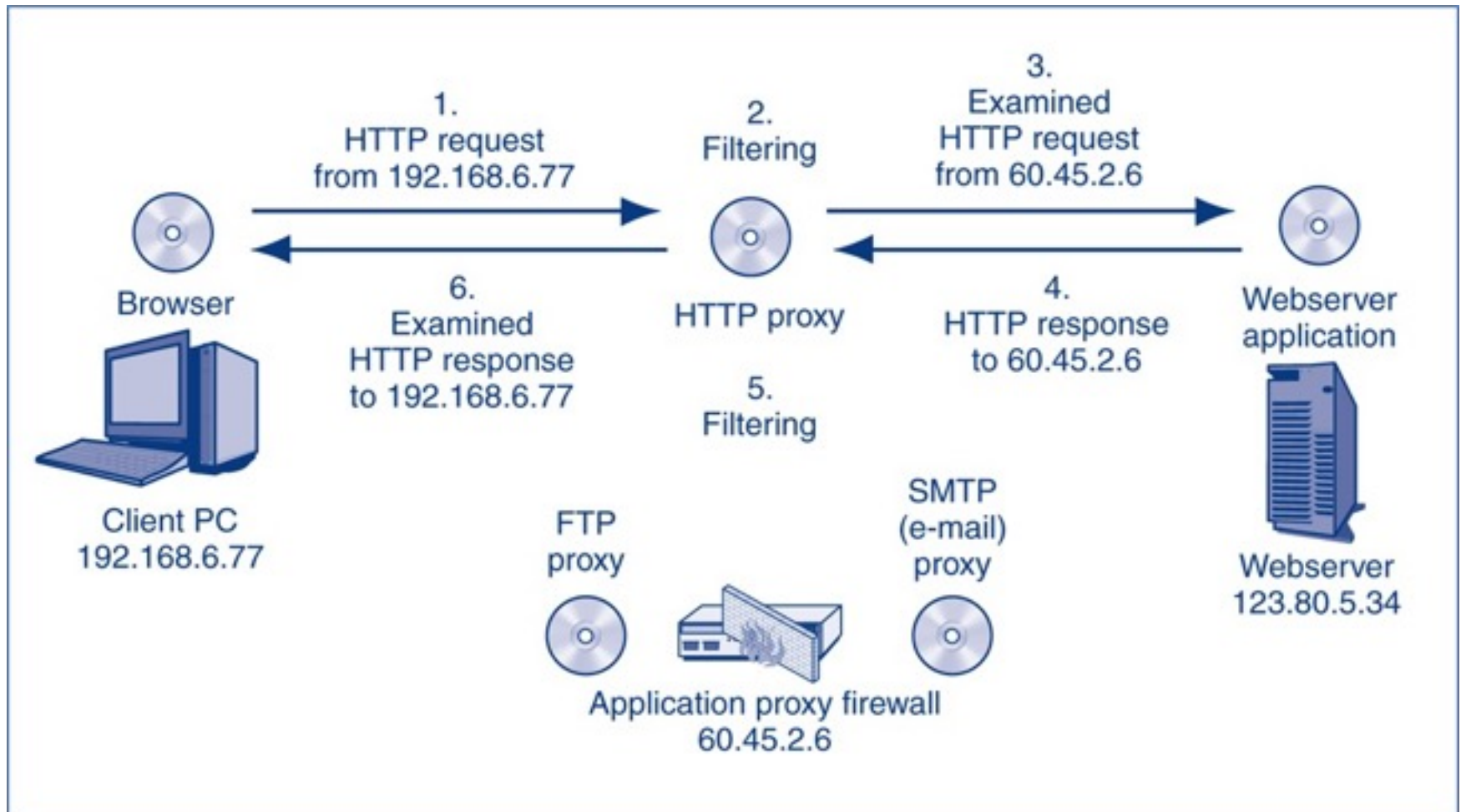
Application-Level Gateway (Proxy)

- An Internet working device that interconnects one network to another for a specific application
 - Functions as a proxy, a relay of application-level traffic, for a particular service (e.g., HTTP) between the networks
 - Functions as a server for the client and as a client for the remote server
- Must understand and implement the corresponding application protocol (e.g., HTTP)

Application-Level Gateway (Proxy)

- A gateway can either work
 - At the application layer
 - Application-level gateway, or proxy
 - At the transport layer
 - Circuit-level gateway

An Example of Proxy Operation





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