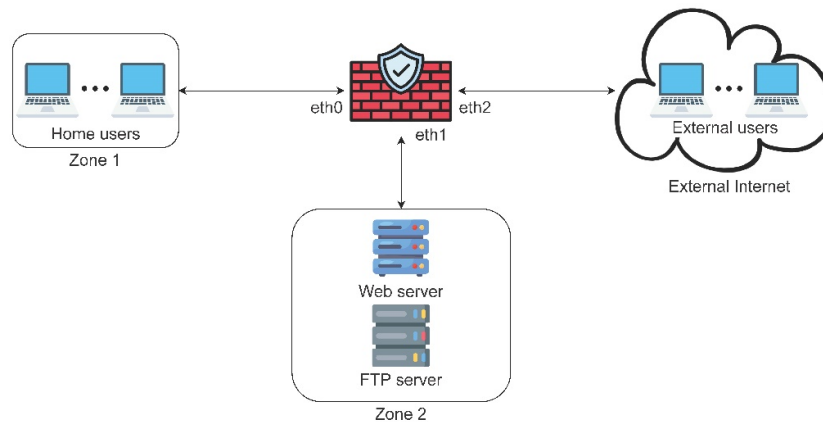


10. Firewall. We will develop the firewall configuration. The figure below shows the configuration we want to achieve. The home users reside in Zone 1. The external users reside in the External Internet. A Web server (111.111.11.1) and an FTP server (111.111.11.2) are located in Zone 2. The Web server supports both http and https requests.



The security policy is as follows:

- 1) The home users can freely access any Web service, anywhere, but only if they initiate the connection themselves.
- 2) The home users and the external users can establish the telnet session with each other.
- 3) Everyone (home users and external users) can access the web server in Zone 2.
- 4) Only the home users can access the FTP server in Zone 2.
- 5) Block all other incoming and outgoing traffics.

Complete the table to define a stateless firewall configuration for the given scenario. You can refer to the IP ranges (source and destination) by their “zone name”. Use “Ext” to indicate external Internet. Use “*” to indicate “all”.

Interface	Source IP	Destination IP	Source Port	Destination Port	ACK	Action