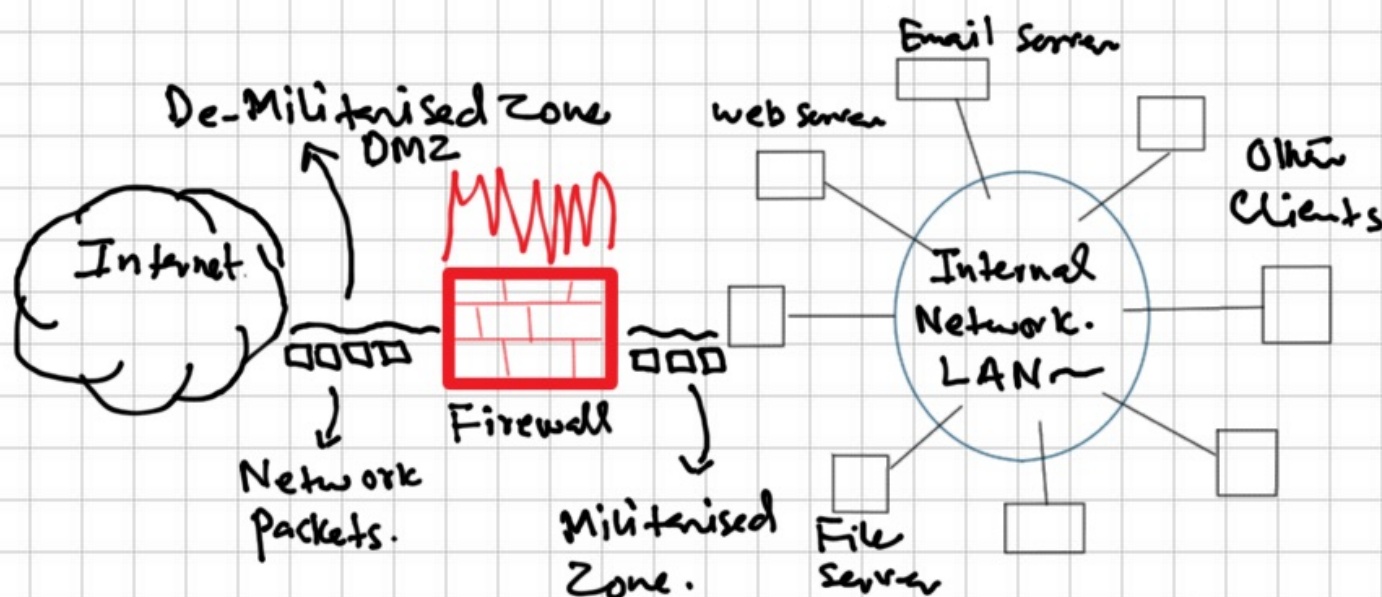


**Firewall:** In computing, a firewall is a network security system that monitors and controls incoming and outgoing network traffic based on pre-determined security rules. A firewall typically creates a barrier between a trusted internal network and untrusted external network, such as the Internet.



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**Proxy Firewall:** A proxy server (running either on a dedicated hardware or as software on a general purpose machine) may act as a firewall by responding to input packets in manner of an application, while blocking other packets.

A proxy server is a gateway from one network to another for a specific network application like file server, Email, web or others, in the sense that it functions as a proxy on behalf of the network user.

Proxy makes tampering with an internal system from the external network more difficult, so that misuse of one internal system would not necessarily cause a security breach exploitable from outside the firewall.



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