

## PERIMETER NETWORKS (DMZ)

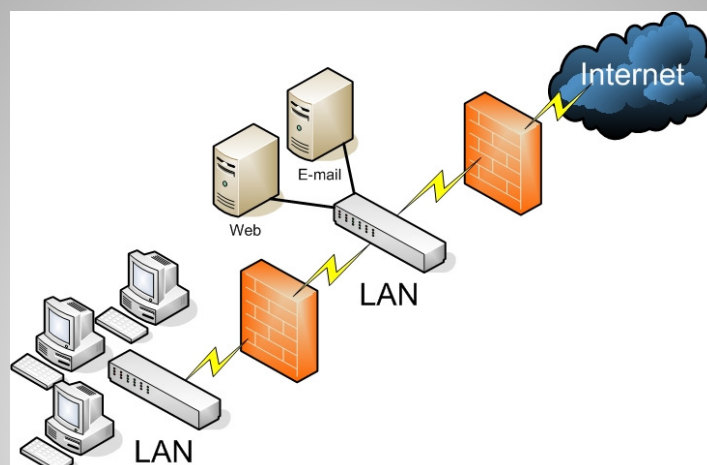
### DMZ

- A perimeter network or demilitarized zone (DMZ) is a small network that is set up separately from a company's private local area network and the Internet.
- It is called a perimeter network because it is usually on the edge of a LAN, but DMZ has become a much more popular term.
- A DMZ allows users outside a company LAN to access specific services located on the DMZ.
- However, when the DMZ set up properly, those users are blocked from gaining access to the company LAN.
- The DMZ might house a switch with servers connected to it that offer web, email, and other services.

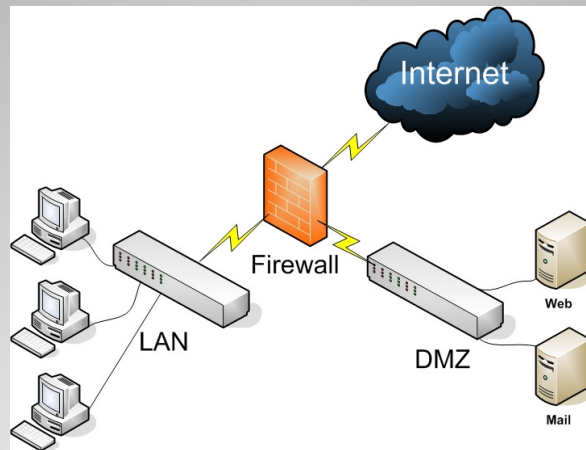
## DMZ

- Two common DMZ configurations are as follows:
  - Back-to-back configuration: This configuration has a DMZ situated between two firewall devices, which could be black box appliances or Microsoft Internet Security and Acceleration (ISA) Servers.
  - 3-leg perimeter configuration: In this scenario, the DMZ is usually attached to a separate connection of the company firewall. Therefore, the firewall has three connections—one to the company LAN, one to the DMZ, and one to the Internet.

## BACK-TO-BACK



## 3-LEG PERIMETER NETWORK



## DMZ

