

Notes

Computers used to be standalone, there weren't able to share information with other devices.

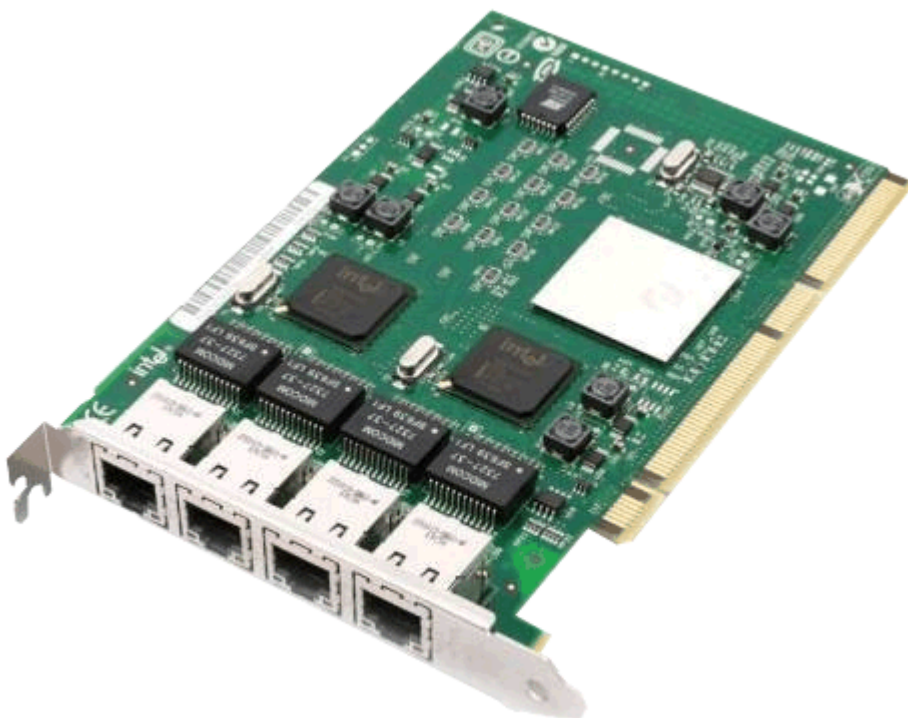
Networking was created to share data between computers.

Services == Resources

- Network: A group of devices connected to share resources (hardware or software).

Elements of Networking

- Client: any devices that request for resources or data
- Server: any devices that can provides resources.
- Network operating system (NOS): It is the system (software) operate on a network.
- Network Media: it is the path that data use to be transfer on the network. (It can be by wire or wireless).
- Network Interface Card (NIC)/Network Adapter/ Ethernet Card: It is a hardware used to connect with different devices



- Network Connectivity Device: It is used to connect devices and network.

Repeater:



Router:



Switch:



Access point:



- Segment or Subnet: Segment or subnet are units of large bigger networks. Similar to breaker panels in a house.

We ended the class talking about topology