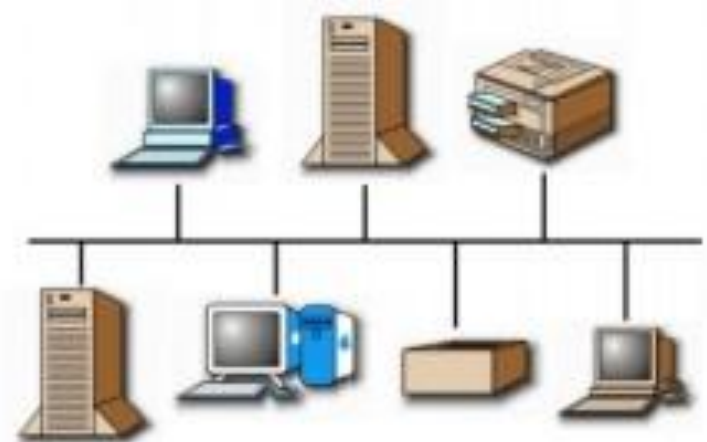


Local Area Network

A LAN is a group of computers, printers and other interconnected devices.

Characteristics of a LAN include:

1. Limited geographic operation
2. High speed data transfer rates
3. Full time connectivity to local services
4. Generally lower in cost than a WAN



Major LAN Issues

Two major issues when designing and implementing a LAN include:

1. Distance
2. Cost

LAN Transmission Methods

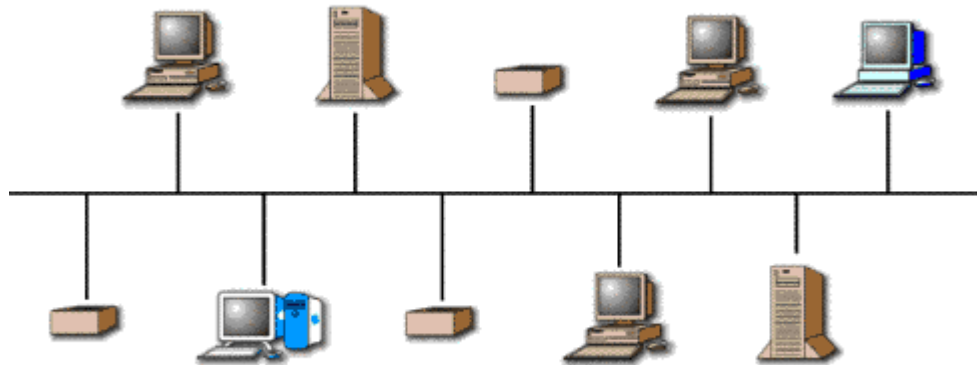
LAN transmission methods fall into 3 main categories:

Unicast transmission

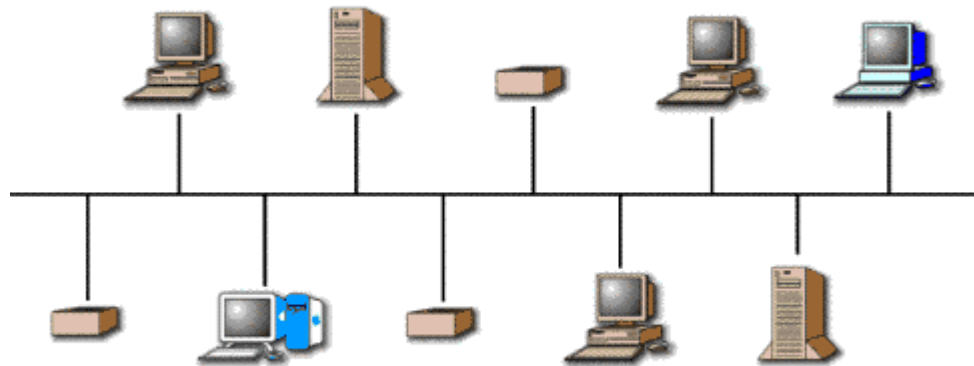
Multicast transmission

Broadcast transmission

Unicast transmission



Multicast transmission



Broadcast transmission

