

Define local area network and state any two components of a LAN

A computer network is an interconnection of computers that communicate to each other through network media, protocols and communication media devices.

A computer network can be classified as:-

1. Local Area Network (LAN)
2. Metropolitan Area Network (MAN)
3. Wide Area Network (WAN)

Definition of LAN

A local area network is a computer network that spans a small geographical area such as an office, a building or a compound.

This can be at least a peer-to-peer connection of two computers or a connection of many computers within a restricted small geographical area

Components of a Local Area Network

Components of a local area network are requirements that can be used to establish/initiate/build a local area network.

These requirements include:-

- a) Communication media such as network cables and wireless media
- b) Networking Software such as protocols
- c) Communication equipment such as routers, switches, gateways, bridges etc.
- d) Network nodes/terminals such as computers, printers, modems etc.

