

# **Types Of Computer Network**



# What is network?

- Network means interconnection
- Interconnection of People
- In information technology, a network is a series of points or nodes interconnected by communication paths.

Example :-

- ATM
- College fees
- Railway Reservation

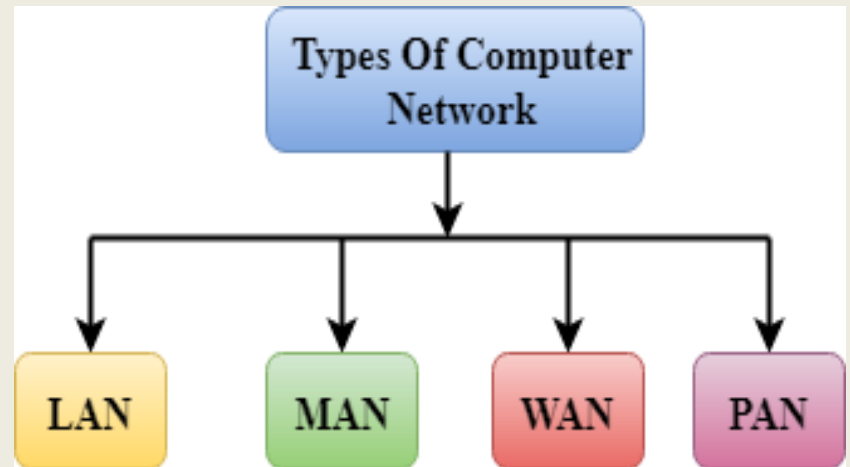


# Computer Network Types

A computer network is a group of computers linked to each other that enables the computer to communicate with another computer and share their resources, data, and applications.

A computer network can be categorized by their size. A **computer network** is mainly of **four types**:

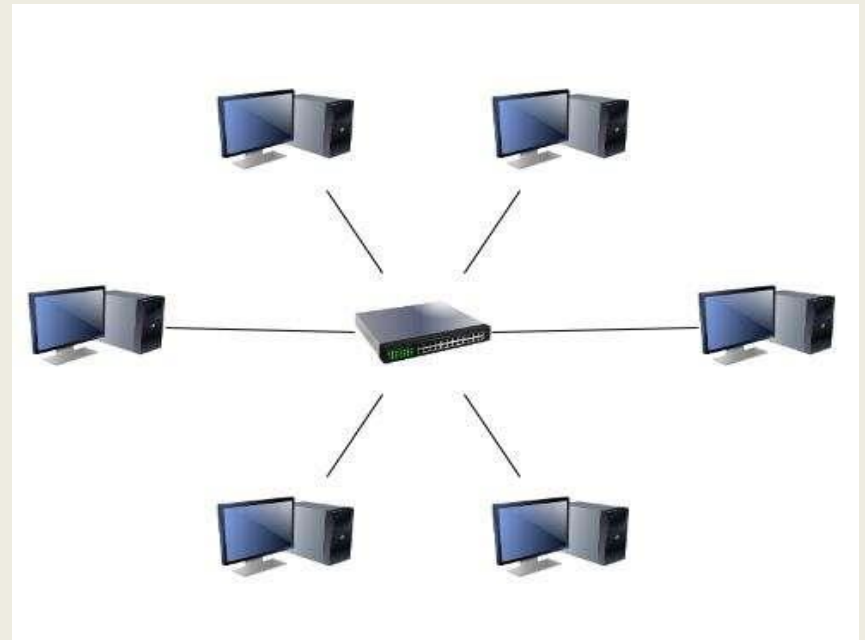
- LAN(Local Area Network)
- MAN(Metropolitan Area Network)
- WAN(Wide Area Network)
- PAN(Personal Area Network)



# Local Area Network

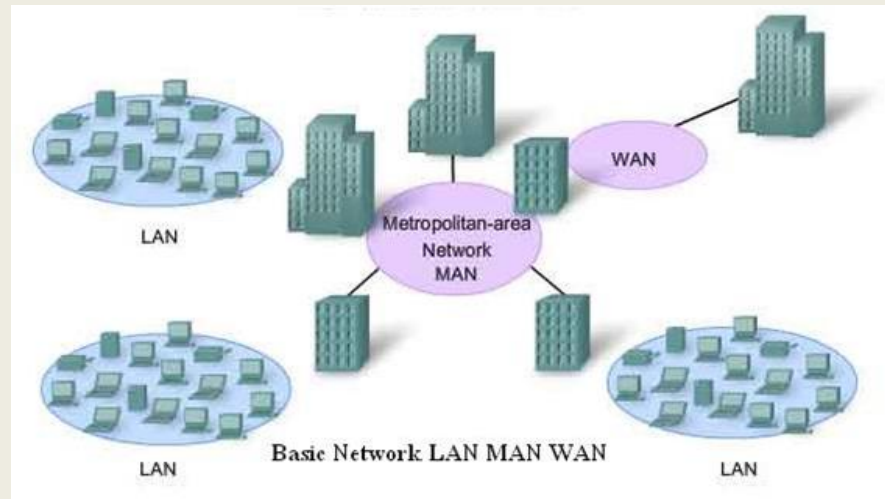
A network that connects computers and devices in a limited geographical area such as

- Home
- School
- Computer Laboratory
- Office building
- Closely Positioned group of buildings



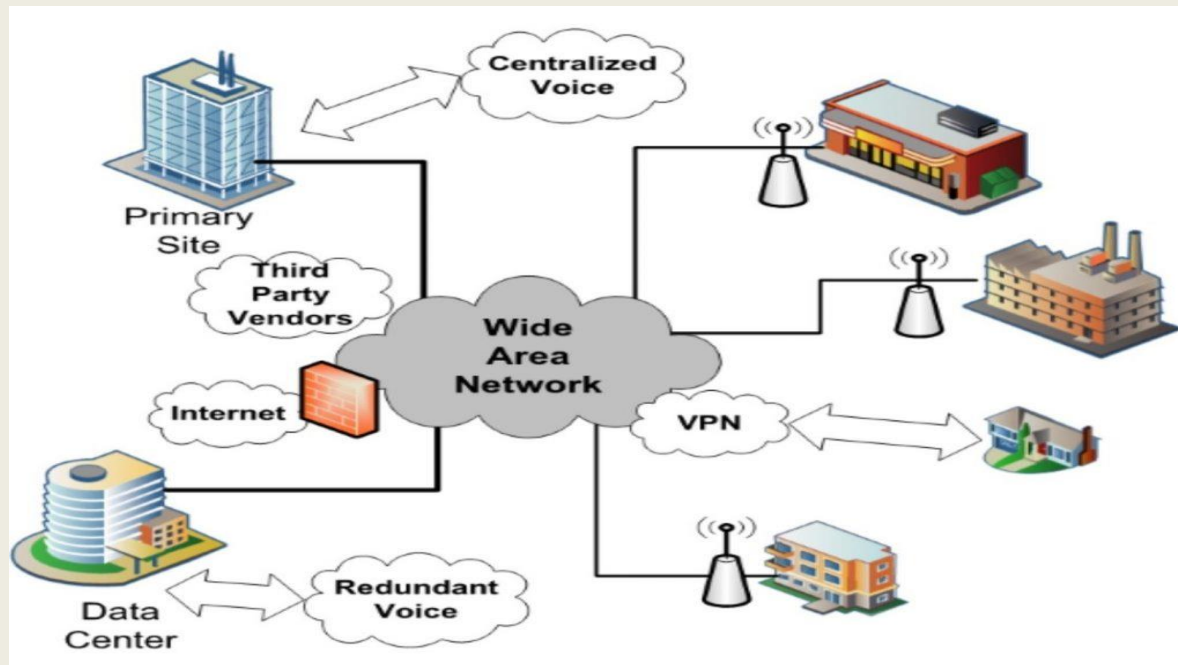
# Metropolitan area network

- A computer network that usually spans a city or a large campus.
- A man usually interconnects a number of LAN
- Uses a high capacity backbone technology, such as Fiber-optical links
- Within Limits of city



# Wide Area Network

- WAN spans a large physical distance
- The internet is the largest WAN spanning the Earth



# Personal Area Network

- Small computer network
- Used for communication among computer and different devices close to one person
- A pan may include wired or wireless devices
- The reach of a PAN typically extends to 10 meters

