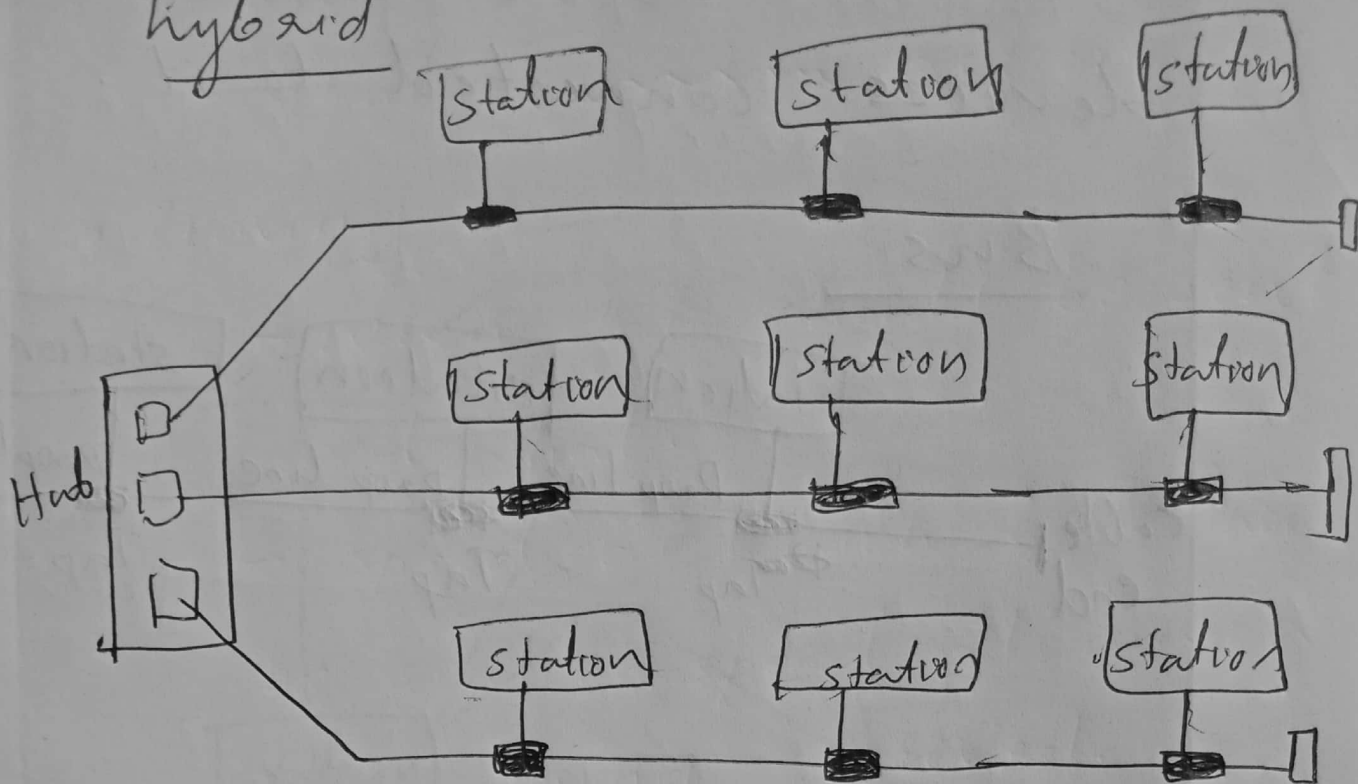


Hybrid



8/9/2020
Tuesday

Categories of n/w

- LAN - Local Area N/w
- MAN - Metropolitan Area N/w
- WAN - Wide Area N/w

LAN

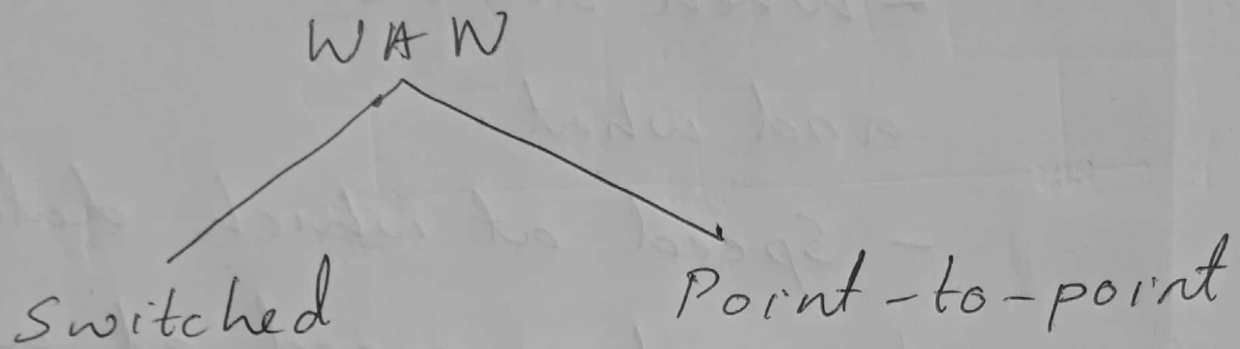
- short distances
- Designed to provide local interconnectivity.

WAN

- Long distances.
- Provide connectivity over large areas.

MAN

- Provide connectivity over areas such as a city, a campus.



Protocols

Set of rules that govern data communications.

→ Elements

- Syntax

→ structure or format of the data

- Indicates how to read the bits

- field delineation

- Semantics

- Interprets the meaning of the bits.

- knows which fields define what connection action.

- Timing

- when data should be sent and what.

- Speed at which data should be sent or speed at which it is being received.

→ ISO (International standards organization)

~~It covers all~~

ISO is the organization and OSI is the model.

An ISO standard that covers all aspects of network communication is the open s/n interconnection model.

