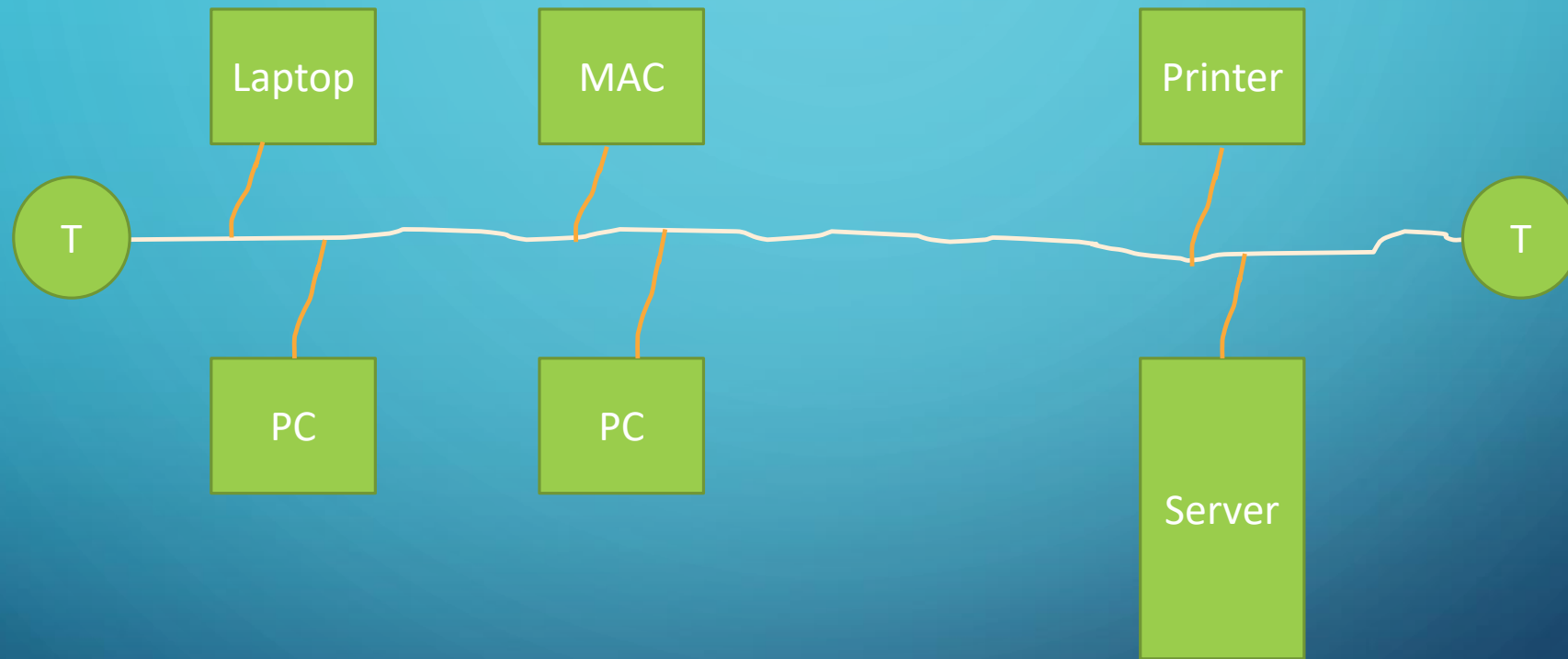


TOPOLOGY/LAYOUT

- What is “Topology”?
Simply, how you are going to setup; means what will be the design of the setup in your home or office.
- There are different kinds of topology, each of them has different kinds of benefits, and drawbacks also.

TOPOLOGY/LAYOUT

- Bus Topology.



TOPOLOGY/LAYOUT

- Advantages of Bus Topology.

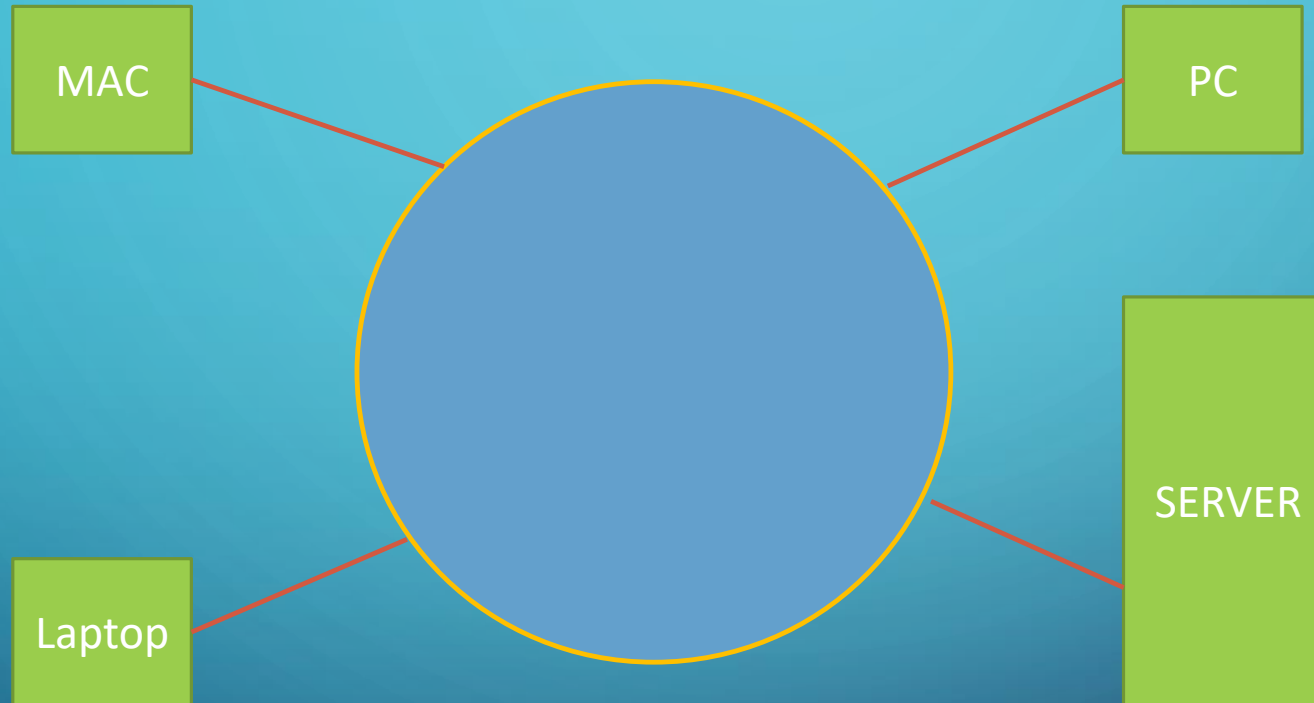
Easy to set up. Good for small home or office and it is not very expensive.

- Disadvantages of Bus Topology.

It can be broken very easily. Like if one of the terminators breaks down. Or if anywhere the cable is split.

TOPOLOGY/LAYOUT

- Ring Topology



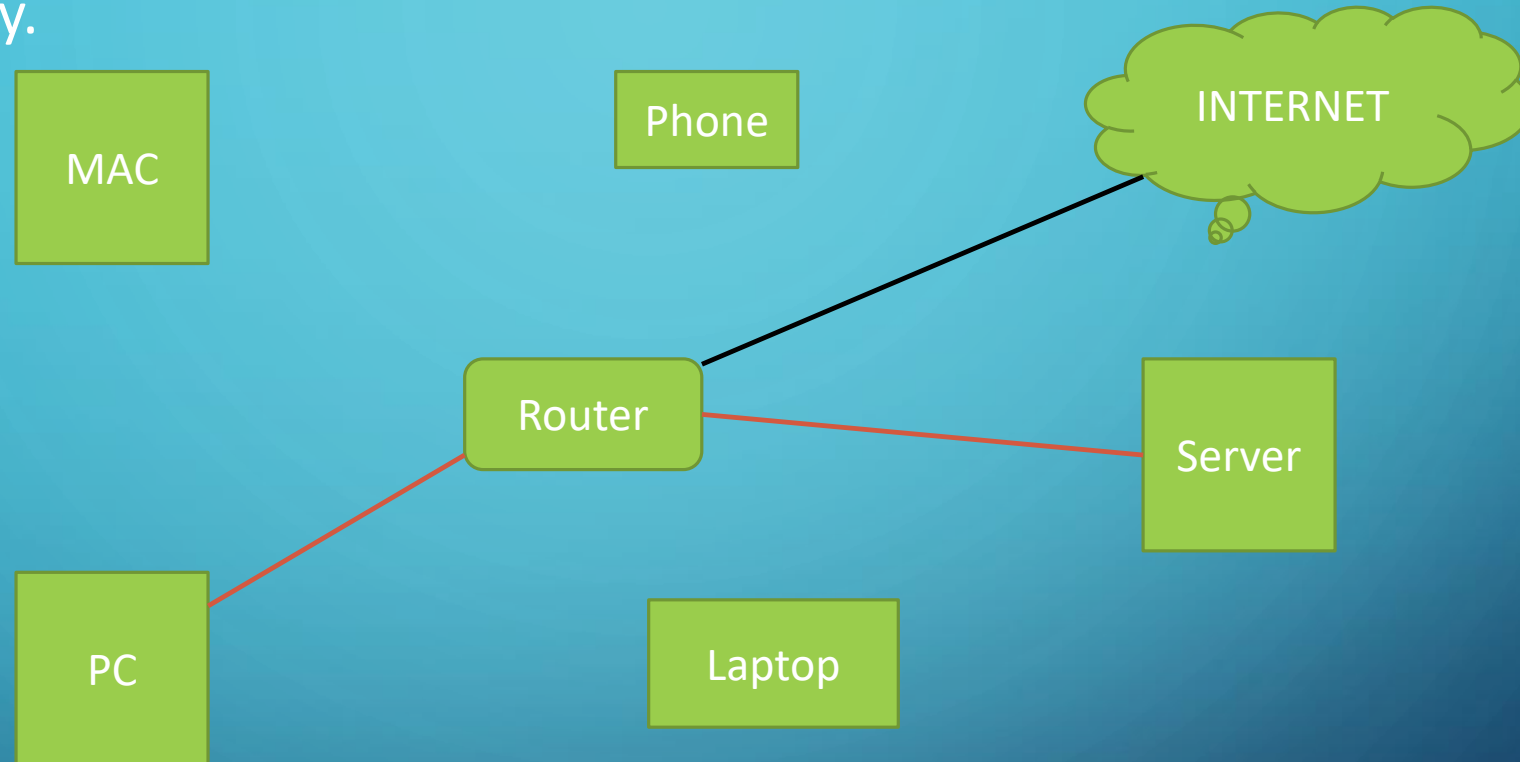
TOPOLOGY/LAYOUT

- Better than BUS topology.
But lot more expensive.

TOPOLOGY/LAYOUT

- Star Topology.

Usually
what
we use.

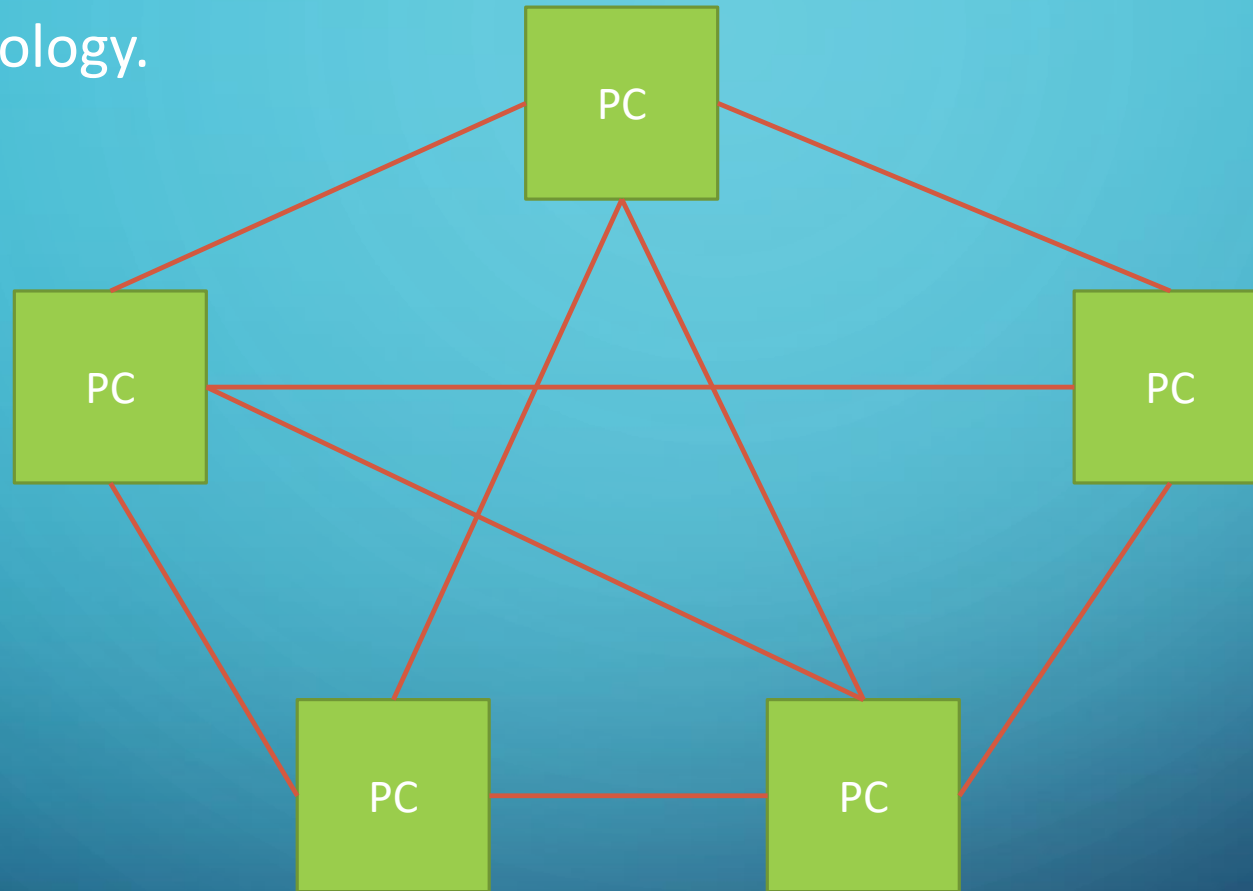


TOPOLOGY/LAYOUT

- Advantages of Star topology.
 - Not so expensive.
 - Easy to expand
- Disadvantage
 - Every nodes are dependent only on a single router.

TOPOLOGY/LAYOUT

- Mesh Topology.



TOPOLOGY/LAYOUT

- Advantages of Mesh Topology.
Alternate route for data.
- Disadvantages.
Adding more pc it becomes complicated.
Costlier than other topology
More NIC is needed.
- Mainly implemented in MAN and WAN



END OF DAY 3

NETWORKING (CCNA TRAINING)

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