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Ans

Network topology is the arrangement of the various elements of a communication network. Network topology is a topological structure of network and may be depicted physically or logically.

Some network topologies are as follows:

- ① Bus topology
- ② Star topology
- ③ Mesh topology
- ④ Ring topology

* Advantage of Bus topology:

- (i) Bus topology are relatively easy to install
- (ii) It require less cable length
- (iii) It's simple and easy to implement and extend

* Advantage of Star topology

- (i) Easy to install and wire
- (ii) It can accommodate different wiring

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* Advantage of ring topology are -

1) Fault tolerance builds into the design
(can by pass damaged nodes)

2) Data packets travel at a greater speed