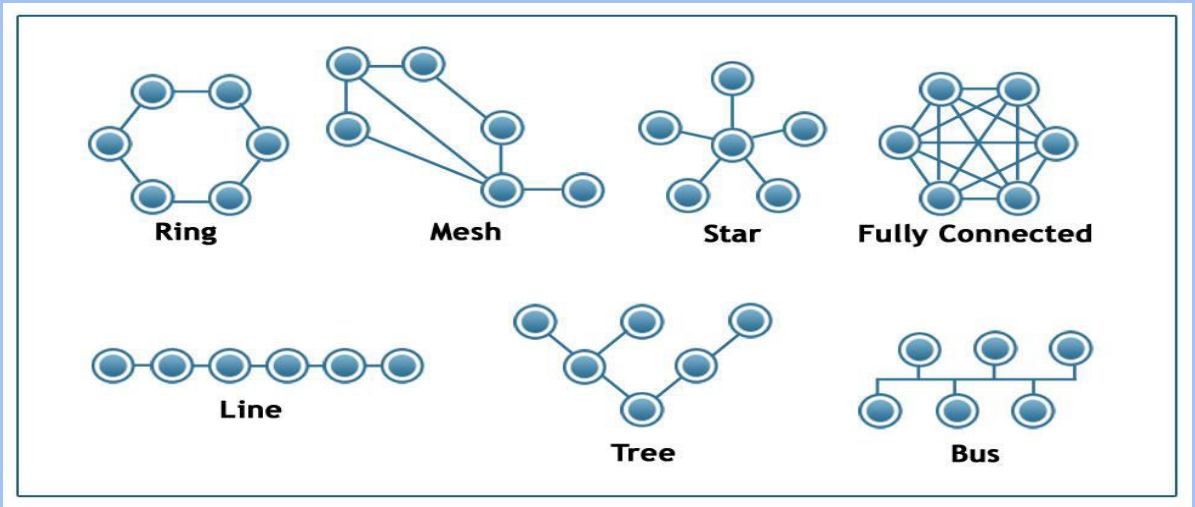
SUBJECT: COMPUTER NETWORKS

Network Topology

Elementrix Classes

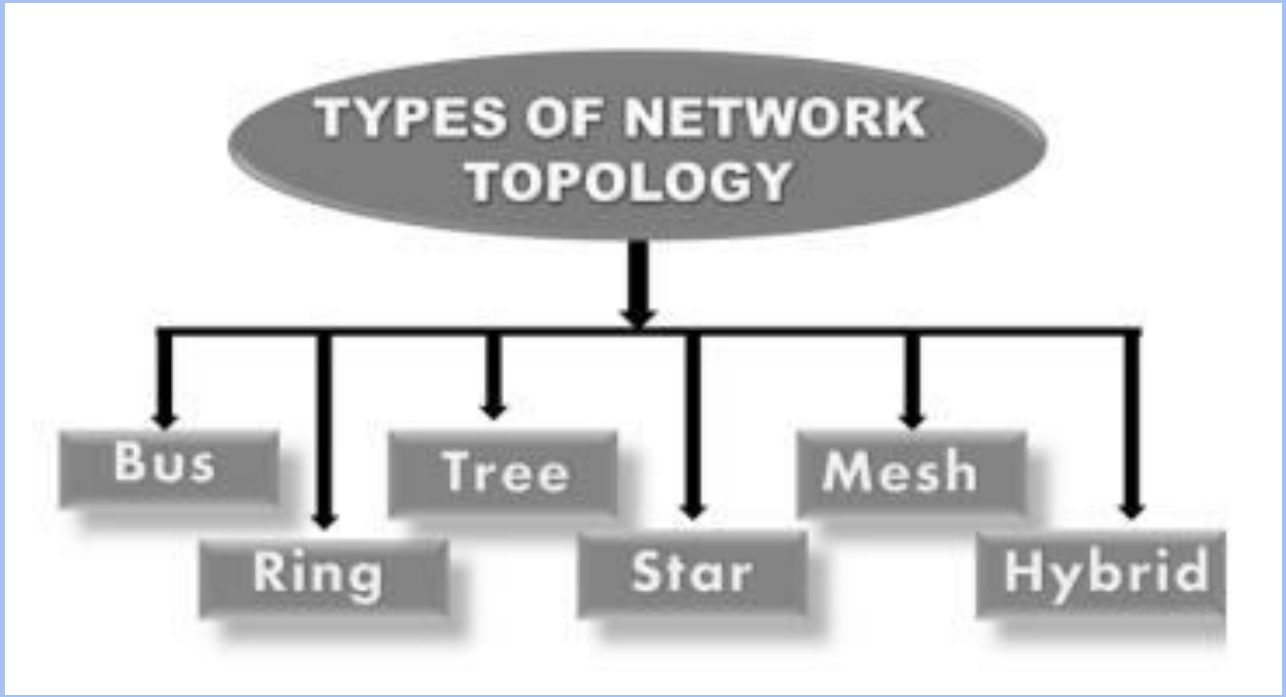
Network Topology

- A network topology describes the geometrical arrangement of the connections between the devices (nodes) within the network. It essentially outlines how these devices are interlinked and how data flows between them.



Key Aspects of Network Topology:

- **Structure:** It defines the physical layout of the connections, depicting how devices are interconnected, either directly or through intermediary devices like hubs or switches.
- **Data flow:** It determines the path that data takes when traveling between devices within the network. This path can be direct, sequential, or involve multiple routes depending on the chosen topology.
- **Performance:** The chosen topology plays a significant role in the network's overall performance. Factors like scalability, reliability, and efficiency are influenced by the structure and data flow patterns of the selected topology.


TYPES OF NETWORK TOPOLOGY
Bus
Ring
Tree
Star
Mesh
Hybrid

पढ़िए और पढ़ाइये

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