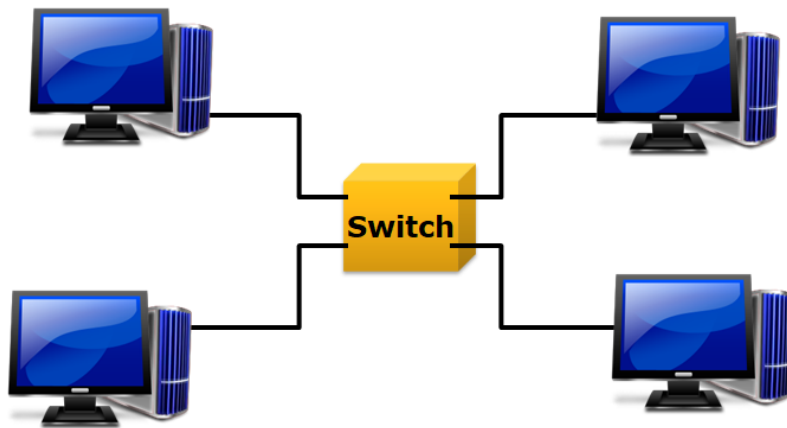


Star topology



In a star topology, cable segments from each computer in the network are connected to a central component, the so-called hub/switch.

A hub/switch is a device that connects multiple computers. In a star topology, the signals are transmitted from the computer via the hub/switch to all computers in the network. In larger systems, several LANs can be connected to each other using a star topology.

- An **advantage** of the star topology is that if a computer in the star topology fails, only the failed computer cannot send or receive data. The rest of the network works as usual.
- The **disadvantage** of this topology is that if the hub fails, the entire network fails because each computer is connected to the hub. In addition, in a star topology, noise is generated in the network.



Further Information

- [VoIP Essentials](#)
- [Visit the Snom Forum](#)
- [Open a support ticket](#)
- [Find a local partner](#)

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- [Hybrid topologies](#) (Snom Service Hub)
- [Mesh topology](#) (Snom Service Hub)
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