

# 2024年3月18日 network in class tutorial

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1.The two most common wired topologies is star topology and bus topology. Bus topology use less cable. And inexpensive to install. And is easy to add workstations. But if one cable breaks, the network is down. And performance degrades as devices are added to the network. And bandwidth is lower then 10Mbps. And it's difficult to locating problems. For the star topology, it is easy to add more devices. Inexpensive and easy to install. One cable break down will not break the entire network. But if the central hub break down, the entire network goes down. And it need more media.

2.collision in network is just like you are using a network, and now have tree devices: A B C in the net. When B sending information to C, the A cannot sent the information to C.

3.hybrid topology is in one network, mixed two or more network topologies, like under the hub is star topology, between the hub is mesh topology.