Bus Topology Simple layout and cheap but vulnerable to failure and only suitable for low traffic volumes.Tree Topology A hierarchical layout that links together groups of nodes.Ring Topology Easy to manage and with a low risk of collision but reliant on all nodes being powered up and in full working order.Star Topology All devices are connected to a central switch, which makes it easy to add new nodes without rebooting all currently connected devices.This topology creates a very reliable network, but requires a large amount of cable and is difficult to administer.This topology requires monitoring and maintenance.Mesh Topology Each node is connected to every other mode with a direct link.Wifi networks make this topology more feasible.However, it is a commonly encountered topology.