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Summary of Networking

A network is a system or set of systems, that permits the flow of resources from one place to another in computer technology. This may also be done to connect with people to converse across various devices. The TCP/IP protocols, which are a collection of communications protocols used on the Internet and comparable computer networks, are created when it comes to the structure of the internet. The suite's current basic protocols are the Transmission Control Protocol, the Internet Protocol, and the User Datagram Protocol. There are four levels built up: application, transport, network, and data connection.

Peer-to-peer and client-server networks are the two types of networks that individuals would utilize to share resources and interact. The primary distinction between a peer-to-peer network and a client-server network is that in a peer-to-peer network, each node may request and supply services, whereas, in a client-server network, the client nodes request services and the server node respond with services. A network's gadgets interact with one another. Another distinction inside a network is the distinction between LAN and WAN. A LAN is a network that spans a limited geographical area, such as a house, an office, or a collection of buildings. A WAN is a network that covers wider geographical areas and may span the world.