

# [Cgs 12.1](https://assignbuster.com/cgs-121/)

networka group of 2 or more computers that are configured to share information and resources such as printers, files and databases

network administratorspersonnel required to maintain networks

servera computer that stores and shares resources on a network, work horses of the client/server network

clienta computer that requests those resources

scalabilityusers can be added without affecting performance of other networks

decentralizedusers are responsible for their own data backups and security

centralizedserver automatically performs backups

local area networks (LAN)small group of computers linked together over a small geographic area

wide area network (WAN)comprise of large numbers of users over a wider physical area or separate LANS that are miles apart

metropolitan are network (PAN)network used to connect wireless devices that are in close proximity to each other

intraneta private network set up by an entity that is used exclusively by a group of individuals

extranetan area on intranet that only certain corporations or individuals can access

virtual private network (VPN)uses public internet communications infrastructure to build a secure private network among various locations

client/server network componentsserver, network topology, transmission media, NOS, network adapter, network navigation device

network topologythe layout and structure of the network

Network Operating System (NOS)specialized software that is installed on servers and client computers and enables the network to function

Network navigation deviceneeded to move data signals around the network

dedicated serverserver used for one specific function such as handling email

authentication serverkeeps track of who is logging in to the computer and what features are available to them

file servera server that stores and manages files for network users

print serversmanage all client requested printing jobs for all printers on a network

print quequea software holding area for printing jobs

application softwareacts as a repository for application software

database serverprovides client computers with access to information in databases

email serverprocesses ingoing and outgoing email

communication serverhandles all communications between networks

web serverused to host a website so its available through the internet

protocola set of rules for exchanging communication

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