Network is group of devices with are connected and sharing information.

Role is to make sure it is up and running.

CCNA tech Support/IT Service desk/ User Support.

System Support. Support admin, System Admin.

Server :-Job is to server www email database server

It is powerful machine

Powerfull hardware

OS is server operation System. Windowas2012, server., 2016 ,2019 …. Etc

CLINT

Users

XP windows 95, Windows 98, win milinium ….. win 10, win 11……etc.

Virtualization: ---

What was the prb?

Occupy space

Most of the time under utilized

More electric cost.

Ipconfig /all

In DHCP which ip wich what range of ip you will get

169.254.8.158 it is APIPA

Any host who want to communicate on the network must have unique address the is IP address.

192.168.1.1 255.255.255.0

Is combination of ntwrk id and host id is called IP address.

Process of ping

1. Ping Loop back
2. Ping your ip
3. Ping computer on your own network