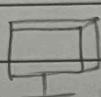
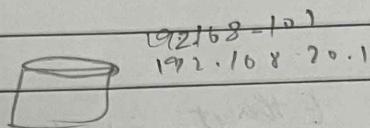


Practical-10

AIM:

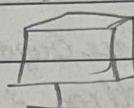
- a) Implement working with router in CISCO
Packet TRACER.



192.168.10.2

255.255.255.0

192.168.10.1



192.168.10.2

255.255.255.0

192.168.20.1

ROUTER - 1 (i)

Router > enable

Router # configt

Enter configuration command. one per line. End with

Ctrl-Z

Router (config-if)# ip address 192.168.10.1 255.255.255.0

Router (config-if)# no shutdown .

(o)

Con

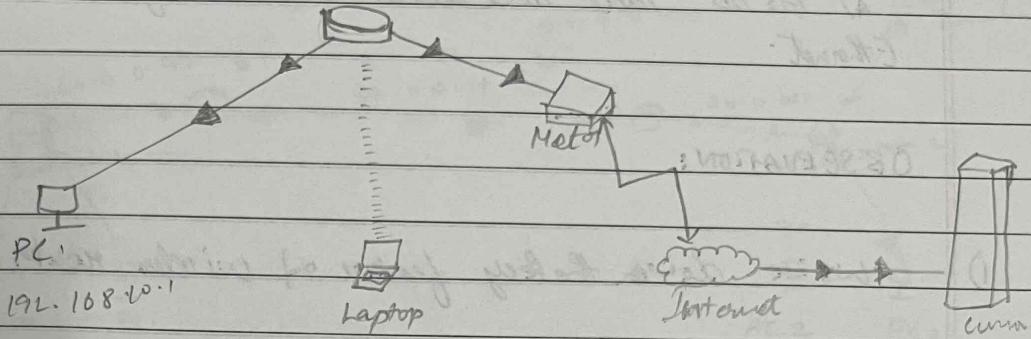
Cor

ma

AIM

- b) Design and configure an internetwork using wireless router, server and.

Internet closed.



Configure Wireless Router.

- 1) Go to wireless tab
- 2) Change network name (if required)

- 1) Go to set up
- 2) Go to DHCP & handle it
- 3) Add the DNS (208.67.220.220)

Configure LAPTOP

- 1) Go to physical tab
- 2) Add the wireless module
- 3) Go to the wireless application
- 4) Requests & connect to wireless network.

Configure MODEM:

Go to Global settings & change name of modem.

Configure INTERNET CLOUD

- 1) Change name of the cloud
- 2) Go to the physical and add cloud - NM - 1 - cr
- 3) Go to config tab and change the Connection & Fast Ethernet
- 4) Go to cable and add a condition from coaxial to Ethernet.

OBSERVATION:

- 1) Write down the key feature of wireless router and DHCP.

WIRELESS:

- 1) changing names of routers
- 2) Adding password to router.
- 3) Enabling DNS route to the router

DHCP Server:

- 1) Adding default IP to the server
 - 2) Enabling DHCP service in the server
 - 3) Adding service.
- 2) What is DHCP server in network.
- (i) It automates the role of assignments
 - (ii) IP address of other network config parameters.

RESULT:

thus configuration of internet work using wireless router
DHCP server of internet cloud is done successfully