

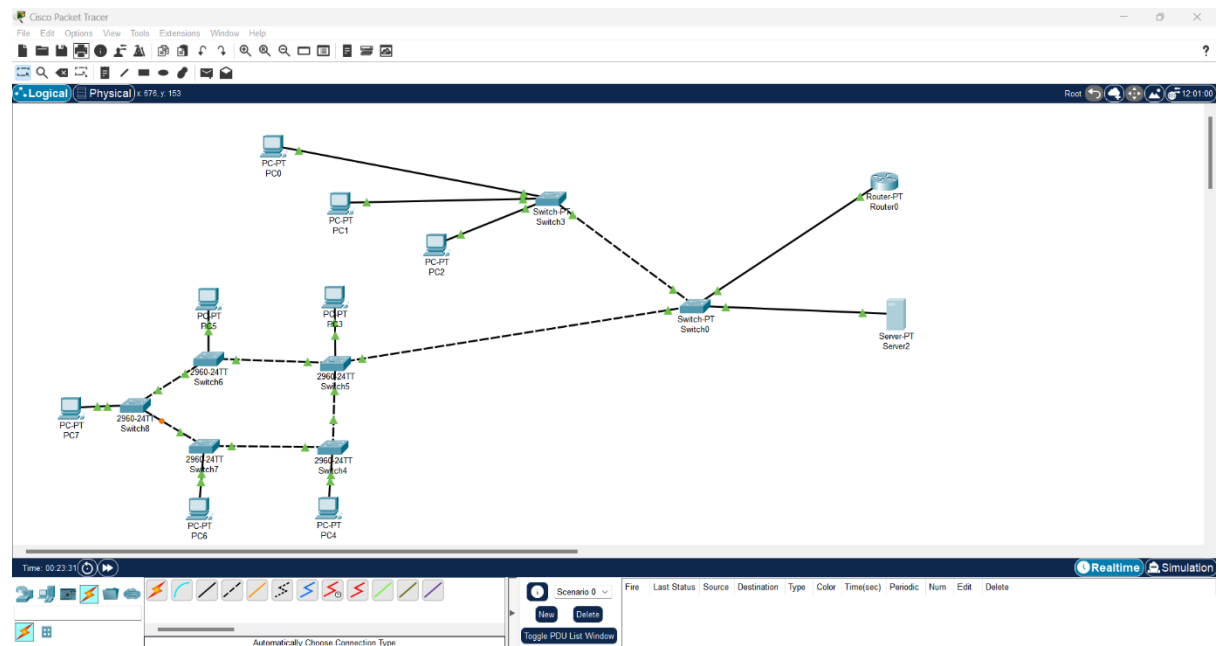
NAME: VAISHNAVI PASWAN

BATCH: B1

ROLL NO: 13

DHCP SERVER

DASHBOARD:



ROUTER IP CONFIGURATION:

Router0

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00E0.8F50.474C

IP Configuration

IPv4 Address 192.168.1.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Equivalent IOS Commands

```
Router(config-if) #
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet4/0
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet4/0
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet0/0
Router(config-if) #
```

☐ Top

SERVER IP CONFIGURATION:

Server2

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.2.1

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::204:9AFF:FE99:C4B3

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

SERVER SERVICES:

Server2

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface

FastEthernet0

 Service ☒ On ☐ Off

Pool Name

serverPool

Default Gateway

0.0.0.0

DNS Server

0.0.0.0

Start IP Address :

192

168

2

0

Subnet Mask:

255

255

255

0

Maximum Number of Users :

256

TFTP Server:

0.0.0.0

WLC Address:

0.0.0.0

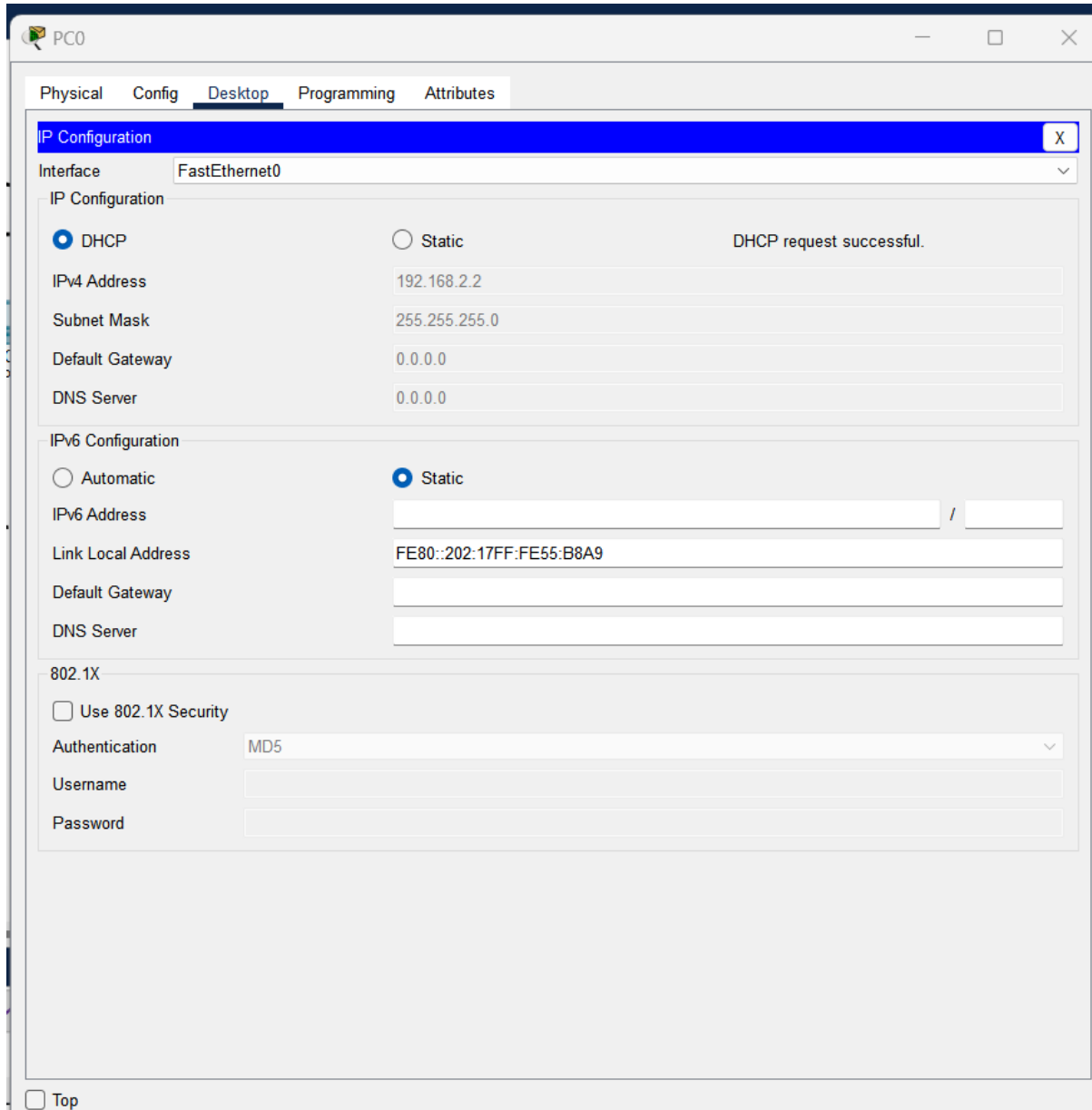
Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.2.0	255.255.2...	256	0.0.0.0	0.0.0.0

PC0 IP ADDRESS ASSIGNED BY DHCP SERVER:



The screenshot shows a configuration window for PC0 with tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying the IP Configuration for the FastEthernet0 interface. The DHCP option is selected, and the IPv4 address is 192.168.2.2. The Subnet Mask is 255.255.255.0, and the Default Gateway and DNS Server are both 0.0.0.0. The IPv6 Configuration section shows the Static option selected, with a Link Local Address of FE80::202:17FF:FE55:B8A9. The 802.1X section shows the Use 802.1X Security checkbox unchecked, with Authentication set to MD5. A Top button is located at the bottom left.

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IPv4 Address 192.168.2.2

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::202:17FF:FE55:B8A9

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top