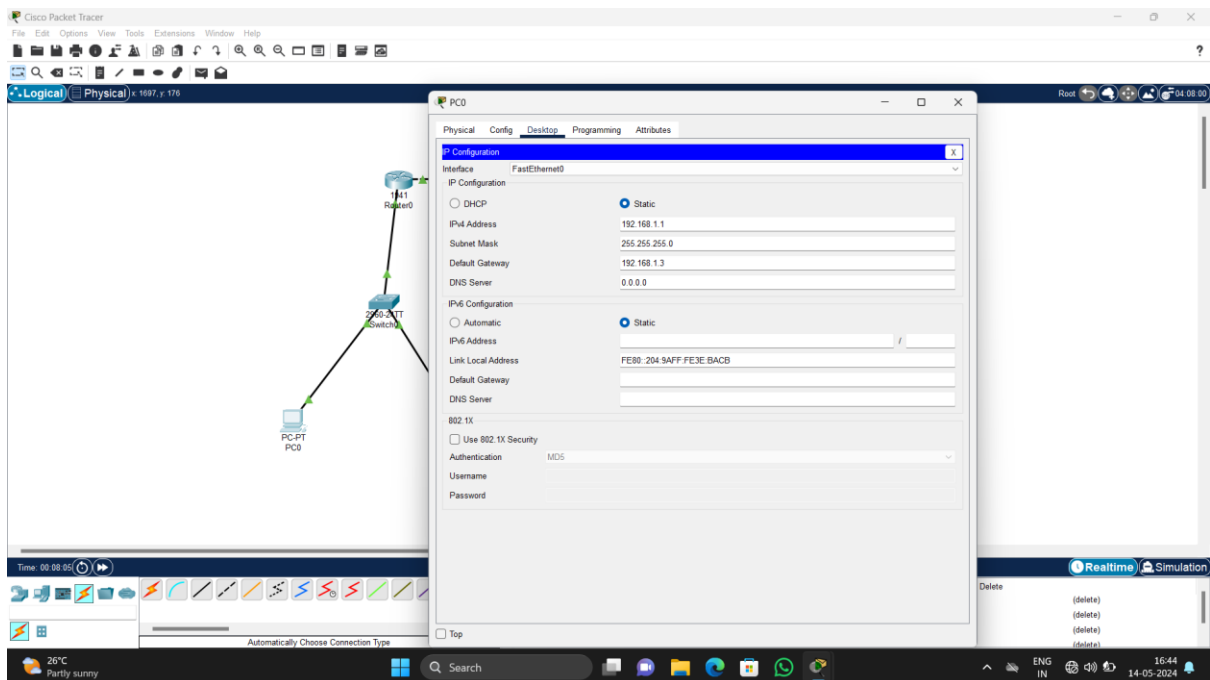
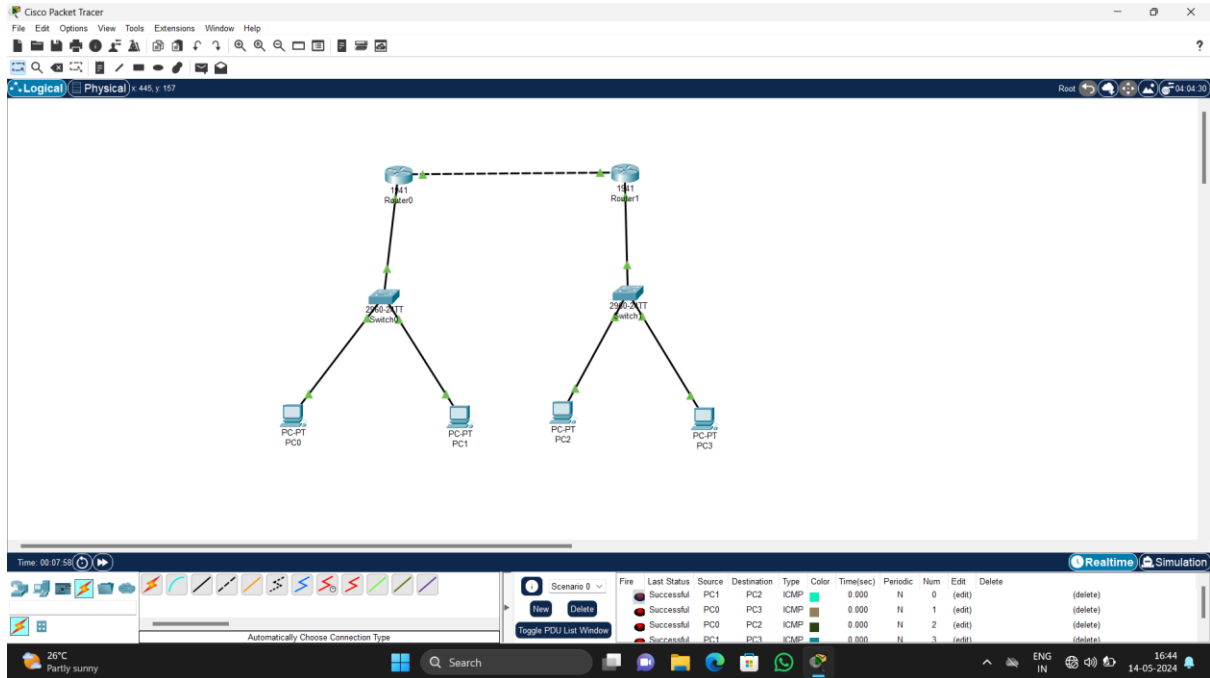


PRN : 22UAI021

OSPF CONFIGURATION



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1190, y: 77

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.2

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.3

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80:2D0:BAFF:FE71::C95

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Time 00:00:12

26°C Partly sunny

Search

ENG IN

16:44

14-05-2024

Realtime Simulation

Delete (delete) (delete) (delete) (delete)

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1190, y: 69

PC2

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.2.1

Subnet Mask 255.255.255.0

Default Gateway 192.168.2.3

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80:230:F2FF:FE9D:5332

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Time 00:00:11

26°C Partly sunny

Search

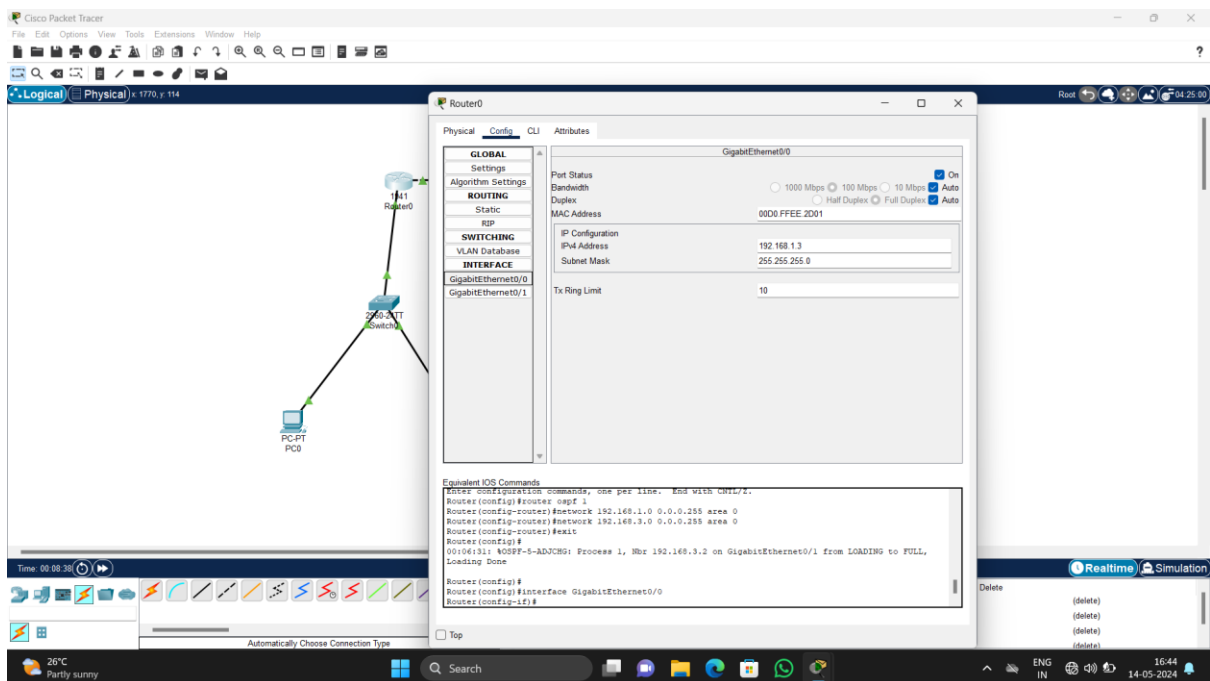
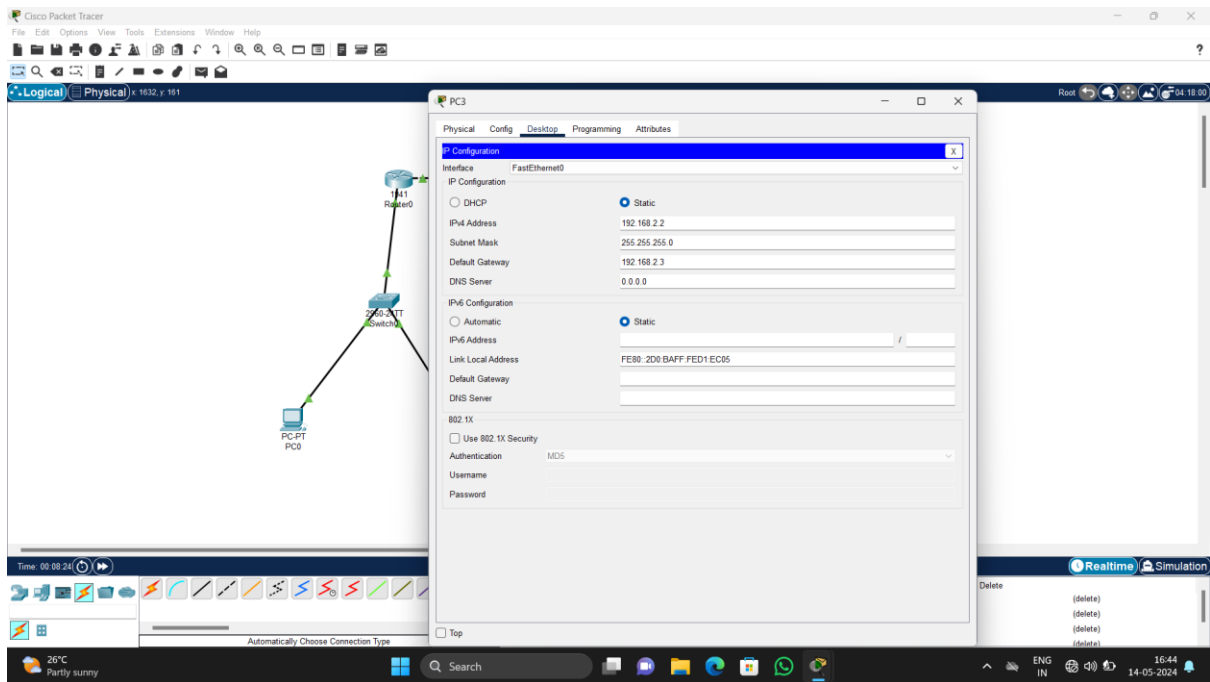
ENG IN

16:44

14-05-2024

Realtime Simulation

Delete (delete) (delete) (delete) (delete)



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1640, y: 196

Router0

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0

GigabitEthernet0/1

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

```
Router(config-router)#network 192.168.3.0 0.0.0.255 area 0
Router(config-router)#exit
Router(config)#
00:04:31: NOSEP-S-ADJCHG: Process 1, Nbr 192.168.3.2 on GigabitEthernet0/1 from LOADING to FULL, Loading Done
Router(config)#
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
```

Time: 00:00:41

26°C Partly sunny

Search

ENG IN

16:45

14-05-2024

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1706, y: 74

Router1

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0

GigabitEthernet0/1

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

```
Router(config)#
Router(config)#router ospf 1
Router(config-router)#network 192.168.2.0 0.0.0.255 area 0
Router(config-router)#network 192.168.3.0 0.0.0.255 area 0
Router(config-router)#exit
Router(config)#
00:06:28: NOSEP-S-ADJCHG: Process 1, Nbr 192.168.3.1 on GigabitEthernet0/1 from LOADING to FULL, Loading Done
Router(config)#
Router(config)#
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#
```

Time: 00:00:48

26°C Partly sunny

Search

ENG IN

16:45

14-05-2024

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x:1659, y:70

Router1

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0

GigabitEthernet0/1

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

```
Router(config-router)#network 192.168.3.0 0.0.0.255 area 0
Router(config-router)#exit
Router(config)#
00:04:28: NOOPF-S-ADJCHG: Process 1, Nbr 192.168.3.1 on GigabitEthernet0/1 from LOADING to FULL,
Loading Done
Router(config)#
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
```

Time 00:00:51

26°C Partly sunny

Search

ENG IN

16:45

14-05-2024

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x:1677, y:202

Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
Router com0 is now available

Press RETURN to get started.

Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router ospf 1
Router(config-router)#network 192.168.1.0 0.0.0.255 area 0
Router(config-router)#network 192.168.3.0 0.0.0.255 area 0
Router(config-router)#exit
Router(config)#
00:06:31: NOOPF-S-ADJCHG: Process 1, Nbr 192.168.3.2 on GigabitEthernet0/1 from LOADING to FULL,
Loading Done
Router(config)#
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#
```

Time 00:00:55

26°C Partly sunny

Search

ENG IN

16:45

14-05-2024

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x:1752, y:88

Router1

Physical Config CLI Attributes

IOS Command Line Interface

Router cmd0 is now available.

Press RETURN to get started.

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router ospf 1
Router(config-router)#network 192.168.2.0 0.0.0.255 area 0
Router(config-router)#network 192.168.3.0 0.0.0.255 area 0
Router(config-router)#exit
Router(config)#
00:04:26: ADOBE-S-ADJCSG: Process 1, Nbr 192.168.3.1 on GigabitEthernet0/1 from LOADING to FULL,
Loading Done
Router(config)#
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config-if)#
```

Copy Paste

Delete (delete) (delete) (delete) (delete)

Time: 00:09:56

26°C Partly sunny

Search

ENG IN

16:45

14-05-2024