

786

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Subject: Computer Networks Lab

Task No: 4

Submitted To Respect Ma'am: **Miss Hurmat Hidayat**

Section: B

Task 1: DNS Server Configuration In Packet

Tracer

Answer:

Step 1: First of all we will create a Topology.

Step 2: Place a server.

Step 3: Place a Switch

Step 4: Connect the Switch with the Server using a Copper-Cross-Over Cable.

Step 5: Place two Computers.

Step 6: Connect these two Computers with the Switch using a Straight-Through-Cables.

Step 7: Now first of all open the DNS-Server and go to its IP Configuration.

Step 8: Assign the following to the DNS-Server.

- **Static IP Address (192.168.1.2)**
- **Subnet Mask**
- **Default Gateway**
- **DNS Server**

Step 9: Now open the two PC's one by one and assign the following to them.

- **Static IP Address (192.168.1.3)(192.168.1.4)**
- **Subnet Mask**
- **Default Gateway**
- **DNS Server**

Step 10: Now Configure DNS-Service on the generic Server.

Step 11: Open the DNS-Server.

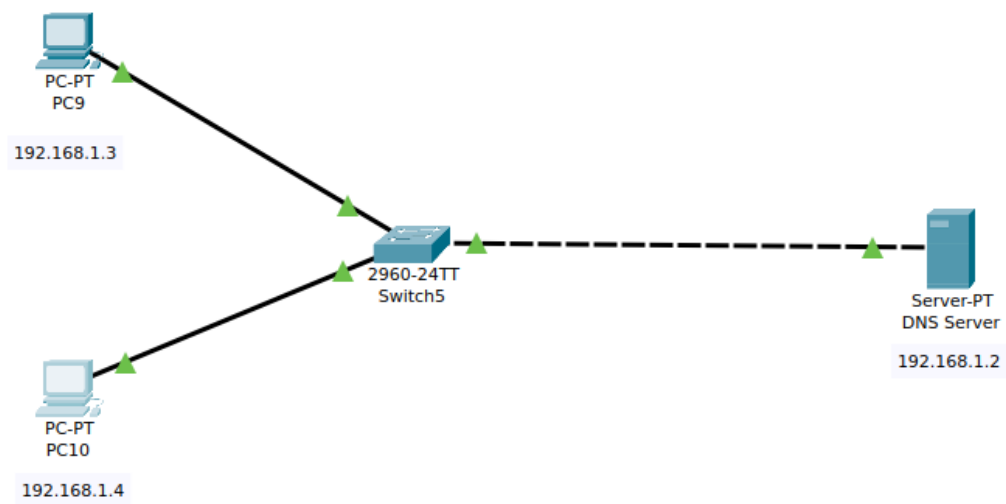
Step 12: Go to the Services Tab.

Step 13: Then go to the DNS Tab.

Step 14: At there, do the specific DNS entries for both of the PC's and the DNS-Server itself.

Step 15: Now perform a Ping Test from one PC to the other using the Domain Name.

Visual Demonstration:
Topology:



IP Configuration Of The Server:

DNS Server

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.2

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::2E0:A3FF:FE2B:182

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

IP Configuration For PC-9:

PC9

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.2

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::230:A3FF:FEB7:6397

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

IP Configuration For PC-10:

PC10

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.4

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.2

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::202:17FF:FE56:7751

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

DNS Setting And DNS Entries In The DNS Server:

DNS Server

PhysicalConfig**Services**DesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type

A Record

Address

Add

Save

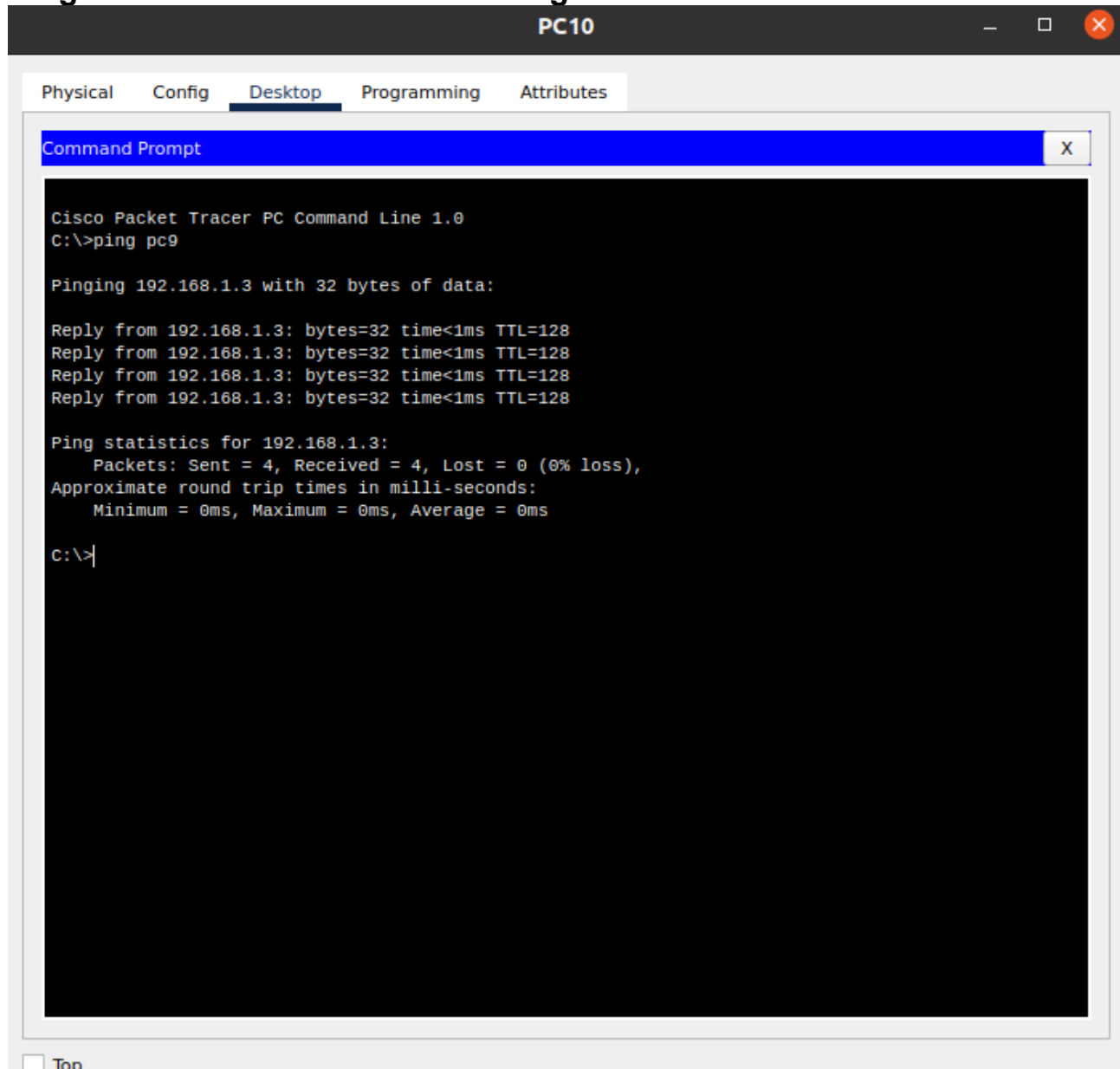
Remove

No.	Name	Type	Detail
0	dns_server	A Record	192.168.1.2
1	pc10	A Record	192.168.1.4
2	pc9	A Record	192.168.1.3

DNS Cache

☐ Top

Ping Test From PC-10 To PC-9 Using The Domain Name:



Task 2: Configuring DHCP Server On A Router

Answer:

Step 1: First of all we will build a topology.

Step 2: Place 3 Computer Devices and connect them with a switch.

Step 3: Place a router **2621XM** and connect this router with switch.

Step 4: Now our topology for this task is completed.

Step 5: In this task, we will configure a DHCP server on a Router.

Step 6: On the router, we will configure interface fa0/0 to act as the default gateway.

Step 7: We will configure the router as a DHCP server using Command Line Interface.

Step 8: Open the CLI in the router by simply clicking on the router and going into the CLI Tab.

Step 9: Now write the following chain of commands on the router.

Chain Of Commands:

Command 1: Router>enable

Command 2: Router#configure terminal

Command 3: Router(config)#interface FastEthernet0/0

Command 4: Router(config-if)#ip address 192.168.1.1 255.255.255.0

Command 5: Router(config-if)#no shutdown

Command 6: Router(config-if)#ex

Command 7: Router(config)#ip dhcp pool P1

Command 8: Router(dhcp-config)#network 192.168.1.1 255.255.255.0

Command 9: Router(dhcp-config)#default-router 192.168.1.1

Command 10: Router(dhcp-config)#dns-server 192.168.1.10

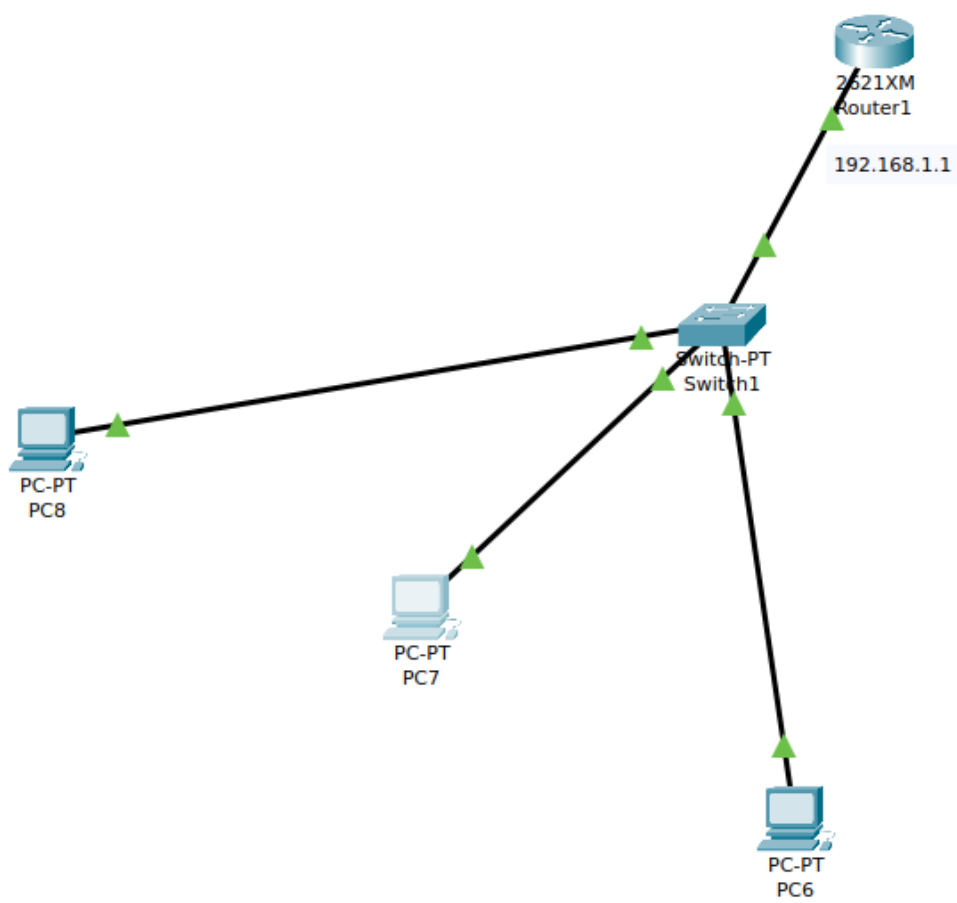
Command 11: Router(dhcp-config)#ex

Command 12: Router(config)#ip dhcp excluded-address 192.168.1.1
192.168.1.10

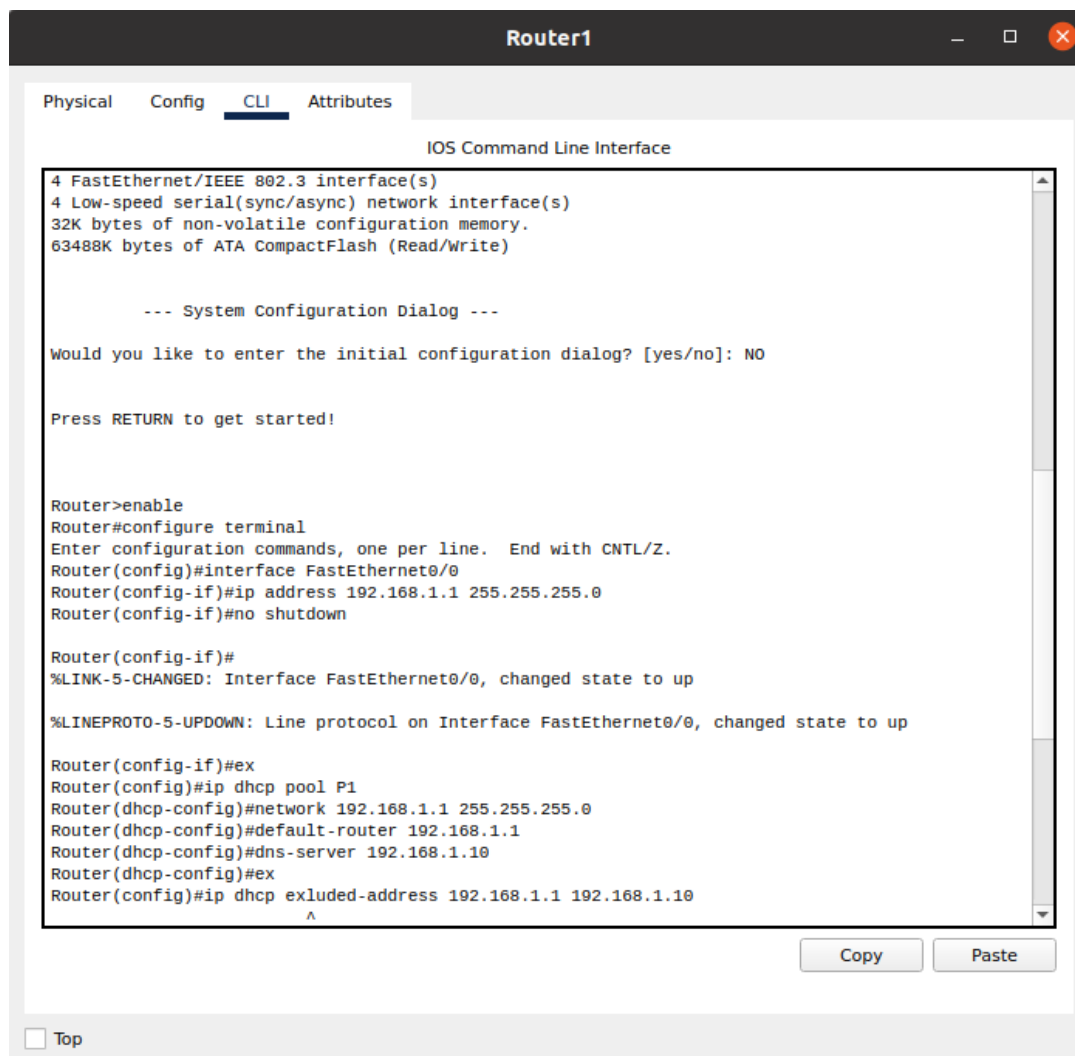
Command 13: Now go to every Computer separately and open IP Configuration.

Command 14: For every PC. Click for DHCP Option in the IP Configuration menu.

Visual Demonstration:
Topology:



Router Configuration:



Router1

Physical Config CLI Attributes

IOS Command Line Interface

```
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#ex
Router(config)#ip dhcp pool P1
Router(dhcp-config)#network 192.168.1.1 255.255.255.0
Router(dhcp-config)#default-router 192.168.1.1
Router(dhcp-config)#dns-server 192.168.1.10
Router(dhcp-config)#ex
Router(config)#ip dhcp excluded-address 192.168.1.1 192.168.1.10
      ^
% Invalid input detected at '^' marker.

Router(config)#ip dhcp excluded-address 192.168.1.1 192.168.1.10
Router(config)#
Router(config)#
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#
```

Copy

Paste

☐ Top

DHCP In IP Configuration On PC's: PC-8:

PC8

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.11

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::20A:F3FF:FE36:9C2A

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC-7:

PC7

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.12

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::205:5EFF:FE67:9E22

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC-6:

PC6

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.13

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::20D:BDFF:FE40:4291

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

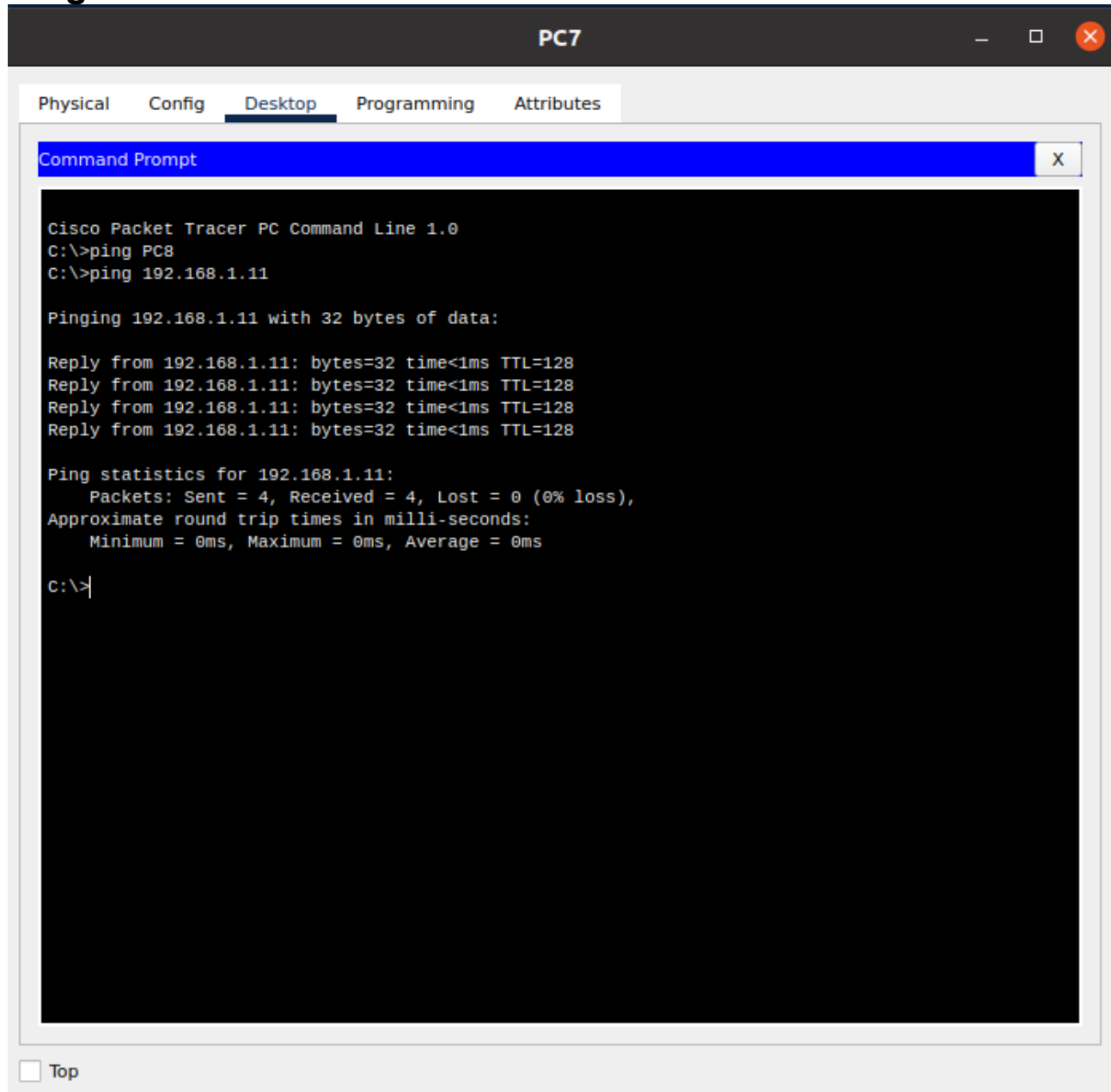
MD5

Username

Password

☐ Top

Ping Test From PC-7 To PC-8:



Task 3: Configuring DHCP service on a generic server

Answer:

Step 1: First of all we will build a topology.

Step 2: Place 3 Computer Devices and connect them with a switch.

Step 3: Place a server "Server-PT" and connect this server with switch.

Step 4: Now our topology for this task is completed.

Step 5: In this task, we will configure a DHCP service on a generic server.

Step 6: First of all we will configure a static IP address on the server.

Step 7: Then we will configure a DHCP service on the generic server.

Step 8: For this purpose, click on the server. Then click on the Services Tab. We will pick DHCP on the menu.

Step 9: We will set the DHCP Perimeters according to our need.

Setting Perimeters:

Pool name: *serverPool*

Default Gateway: *192.168.1.1*

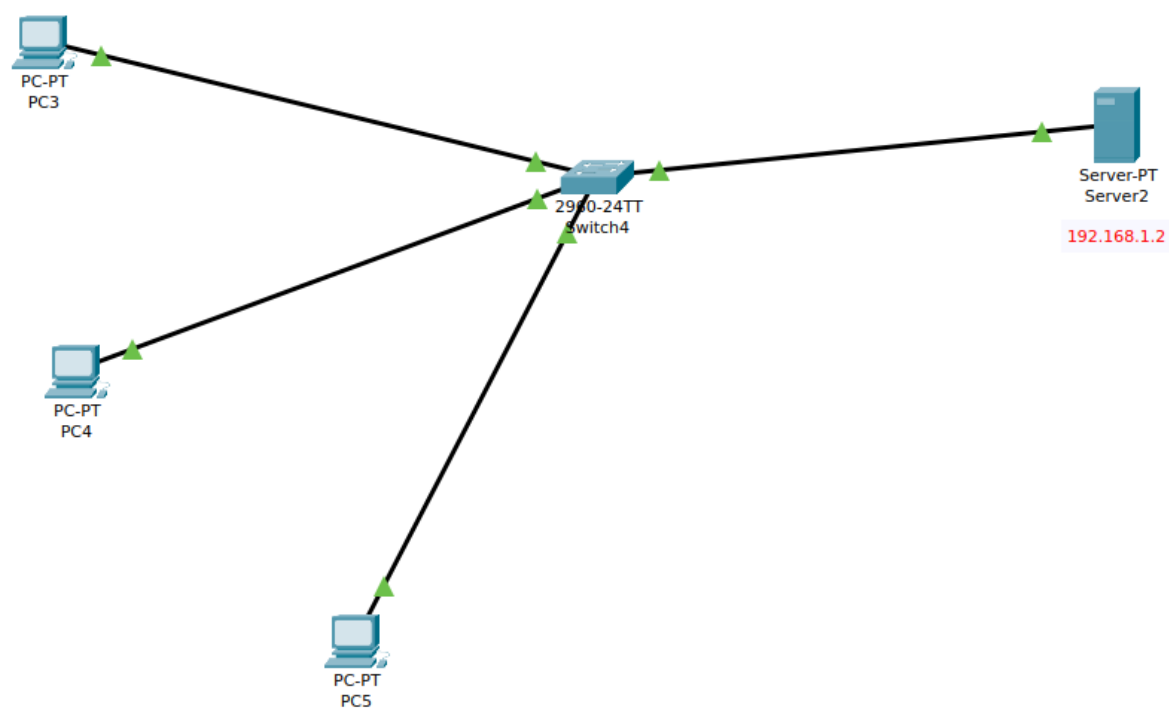
DNS Server: *192.168.1.10*

Start IP Address: *192.168.1.0*

Subnet Mask: *255.255.255.0*

Maximum Number of users: *255*

**Visual Demonstration:
Topology:**



Setting Static IP For The Router:

Server2

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.2

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

 /

Link Local Address

FE80::206:2AFF:FE48:6C40

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

Configuring DHCP Services For The Router:

Server2

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway192.168.1.1

DNS Server192.168.1.10

Start IP Address :19216810

Subnet Mask:2552552550

Maximum Number of Users :255

TFTP Server:0.0.0.0

WLC Address:0.0.0.0

AddSaveRemove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.16...	192.16...	192.16...	255.25...	255	0.0.0.0	0.0.0.0

☐ Top

Assigning IP To The DHCP:

Server2

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.2

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::206:2AFF:FE48:6C40

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

Enabling DHCP On Every Single PC:
PC-3:

PC3

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.1

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::260:3EFF:FE04:39DE

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC-4:

PC4

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.4

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::2E0:8FFF:FE08:D6D4

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC-5:

PC5

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.10

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::206:2AFF:FEC5:C840

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

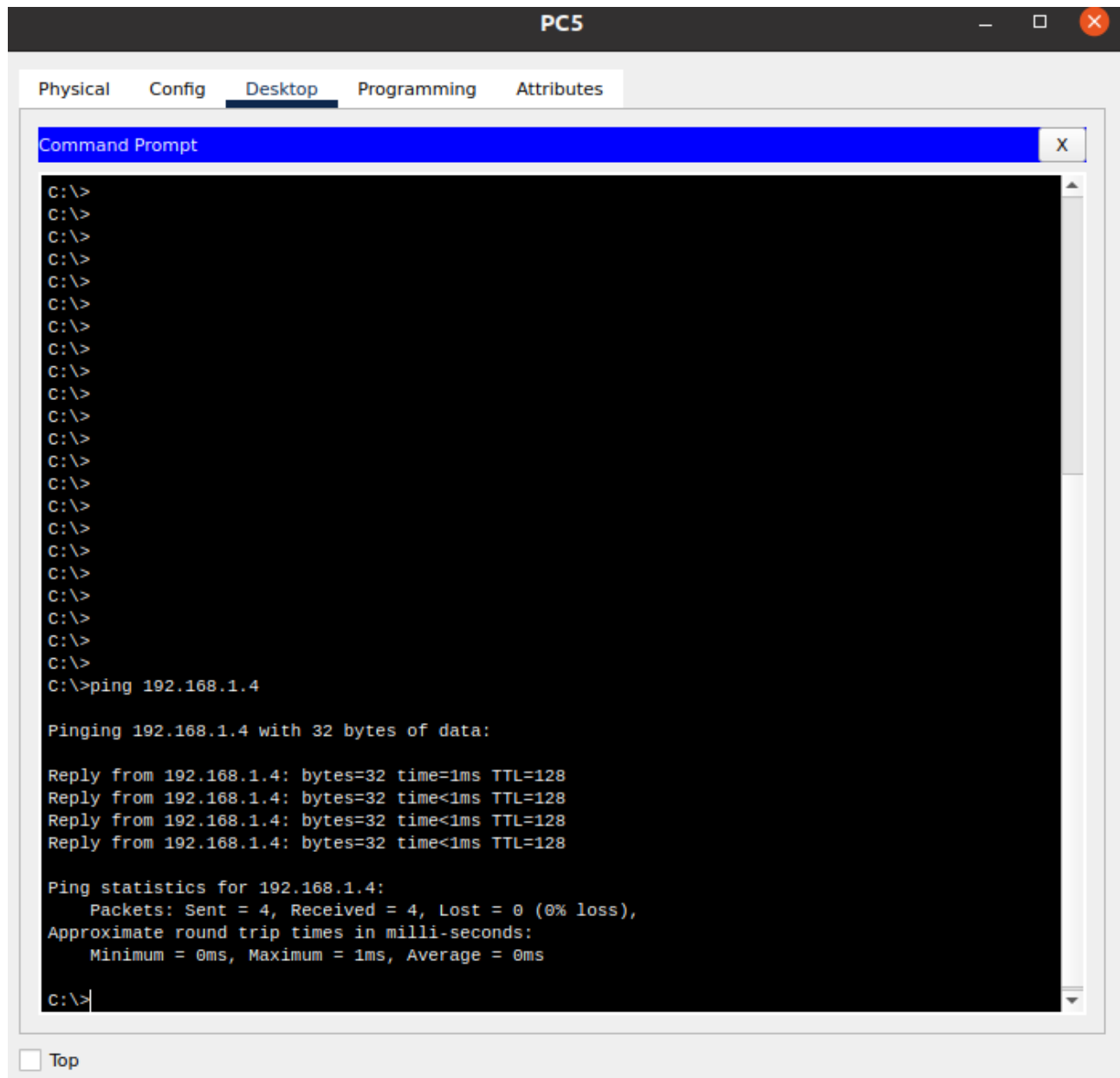
MD5

Username

Password

☐ Top

Pinging From PC-5 To PC-4:



T

ask 4: Configuring DHCP, DNS and Web Server Configuration In Cisco Packet Tracer

Answer:

Step 1: Creating the Topology

Step 2: Place 3 servers,

- **DHCP**
- **DNS**
- **Web-Server**

Step 3: Place a Switch

Step 4: Connect all three servers with this switch

Step 5: Connect 2 PC's with this server too.

Step 6: Now Place a router.

Step 7: Connect this Switch with the router.

Step 8: Now place another Switch

Step 9: Connect this newly placed Switch with the router.

Step 10: Place two PC's and connect them with the newly placed Switch.

Key Point: *The connect b/w all of these devices should be made with the **COPPER-STRAIGHT-THROUGH** cable.*

Step 11: Open the router and configure the interface F0/0 to act as a default gateway for our LAN.

Step 12: Assign the IP Addresses to the F0/0 and F0/1 of the router.

Step 13: Apply the commands in the configuration mode on the Router.

Chain Of Commands:

ip dhcp pool P1

network 192.168.1.0 255.255.255.0

default-router 192.168.1.2

ip dhcp pool P2

network 192.168.2.0 255.255.255.0

default-router 192.168.2.2

Step 14: Now open the DHCP server and go to its IP Configuration tab.

Step 15: Assign the following in the IP Configuration Tab.

- **IP Address**
- **Subnet Mask**
- **Default Gateway**
- **DNS Server**

Step 16: Now go to the Services tab.

Step 17: Then go to the DHCP tab in the services tab.

Step 18: In the DHCP Settings add Pool P1 and Pool P2 with their respective IP Addresses.

Step 19: Then open the DNS server and go to its IP Configuration tab.

Step 20: Assign the following in the IP Configuration Tab.

- ***IP Address***
- ***Subnet Mask***
- ***Default Gateway***
- ***DNS Server***

Step 21: Go to the Services tab of DNS-Server.

Step 22: Then to go the DNS-Tab in the Services.

Step 23: Turn on the DNS-Services in the DNS-Tab.

Step 24: At there, add two IP Addresses with the following names.

www.dhcp.com 192.168.1.4

www.webserver.com 192.168.1.7

Step 25: Go to the Web-Server and go to its IP Configuration tab.

Step 26: Assign the following in the IP Configuration Tab.

- ***IP Address***
- ***Subnet Mask***
- ***Default Gateway***
- ***DNS Server***

Step 27: Then go to the Services Tab.

Step 28: In the Services, open the HTTP Tab.

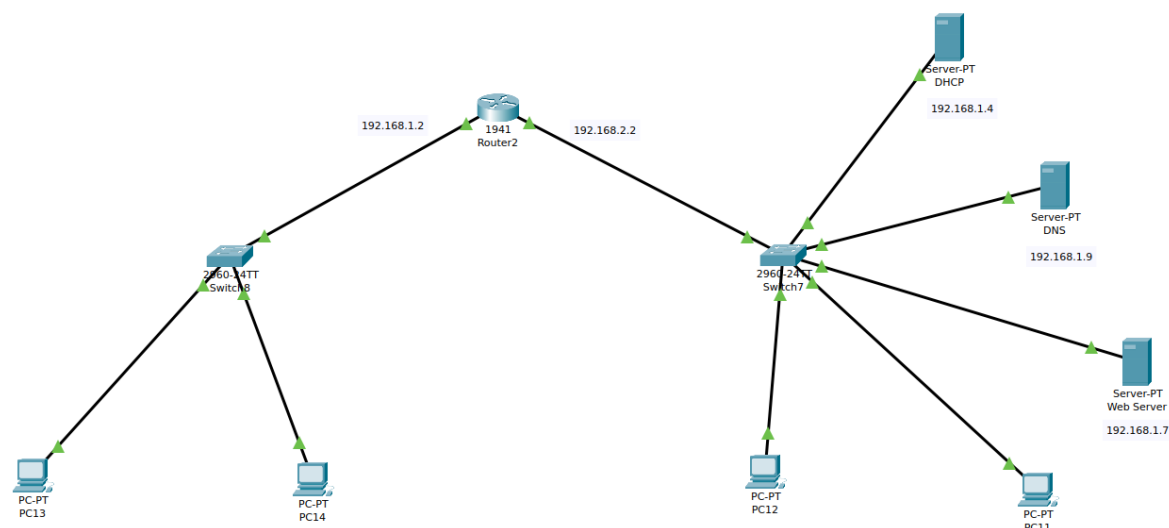
Step 29: At there, enable the HTTP and HTTPS services.

Step 30: Then edit the Index.html and update the data in it.

Step 31: Now open every PC of this whole connect and enable DHCP in each one by going in the IP Configuration of them separately.

Step 32: Perform a ping test b/w PC's

**Visual Demonstration:
Topology:**



Router Setting For F0/0 And F0/1

Router2

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0

GigabitEthernet0/1

GigabitEthernet0/0

GigabitEthernet0/1

Port Status

☒ On

Bandwidth

☒ 1000 Mbps ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

0002.1651.A101

IP Configuration

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip address 192.168.2.2 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
```

☐ Top

Router2

Physical **Config** CLI Attributes

GLOBAL	GigabitEthernet0/1	
Settings		
Algorithm Settings		
ROUTING		
Static		
RIP		
SWITCHING		
VLAN Database		
INTERFACE		
GigabitEthernet0/0		
GigabitEthernet0/1		

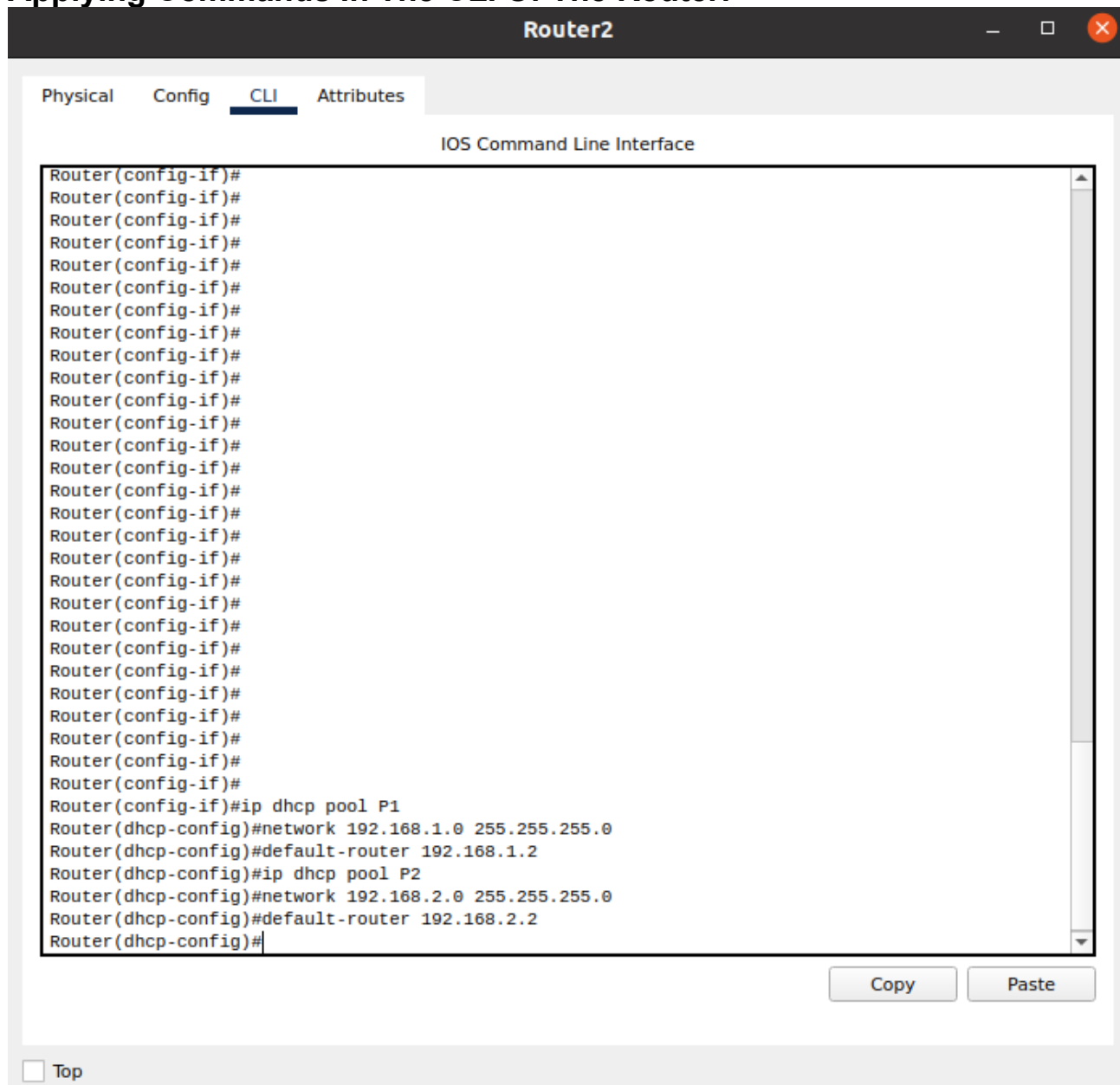
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 1000 Mbps <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0002.1651.A102
IP Configuration	
IPv4 Address	192.168.2.2
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Equivalent IOS Commands

```
Router(config)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#
Router(config)#exit
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)#interface GigabitEthernet0/1
Router(config-if)#
```

☐ Top

Applying Commands In The CLI Of The Router:



IP Configuration And DHCP Settings For DHCP Server:

DHCP

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.4

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

192.168.1.9

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::202:16FF:FE6A:6DBB

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

DHCP

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

192.168.1.2

DNS Server

192.168.1.9

Start IP Address :

192

168

1

0

Subnet Mask:

255

255

255

0

Maximum Number of Users :

255

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
P1	192.16...	192.16...	192.16...	255.25...	256	0.0.0.0	0.0.0.0
P2	192.16...	192.16...	192.16...	255.25...	256	0.0.0.0	0.0.0.0
serverPool	192.16...	192.16...	192.16...	255.25...	255	0.0.0.0	0.0.0.0

Top

IP Configuration And DNS Settings For DNS-Server:

DNS

PhysicalConfigServicesDesktopProgrammingAttributes

IP ConfigurationX

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.9

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

192.168.1.9

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

 /

Link Local Address

FE80::2D0:BCFF:FEBE:3E9A

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

DNS

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DNS

DNS Service

On

Off

Resource Records

Name

Type

A Record

Address

Add

Save

Remove

No.	Name	Type	Detail
0	www.dhcp.com	A Record	192.168.1.4
1	www.webserver.com	A Record	192.168.1.7

DNS Cache

Top

IP Configuration And HTTP Settings For Web-Server:

Web Server

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.7

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

192.168.1.9

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::201:63FF:FED1:D8E2

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

Web Server

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

HTTP

HTTPS

File Manager

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File

Import

☐ Top

Web Server

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

File Name:

index.html

<html>

<center>Cisco Packet Tracer</center>

<h1>Welcome in Computer Network Lab</>

<hr>Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

</html>

File Manager

Save

☐ Top

Enabling DHCP For All PC's:

PC11

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

DHCP request successful.

IPv4 Address

192.168.1.1

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

192.168.1.9

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::290:2BFF:FE50:9208

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC12

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.2.1

Subnet Mask

255.255.255.0

Default Gateway

192.168.2.2

DNS Server

192.168.1.9

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::2E0:8FFF:FEE1:ADCE

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC14

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::260:47FF:FE99:7A22

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC13

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.1.1

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.2

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::240:BFF:FE2B:6272

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

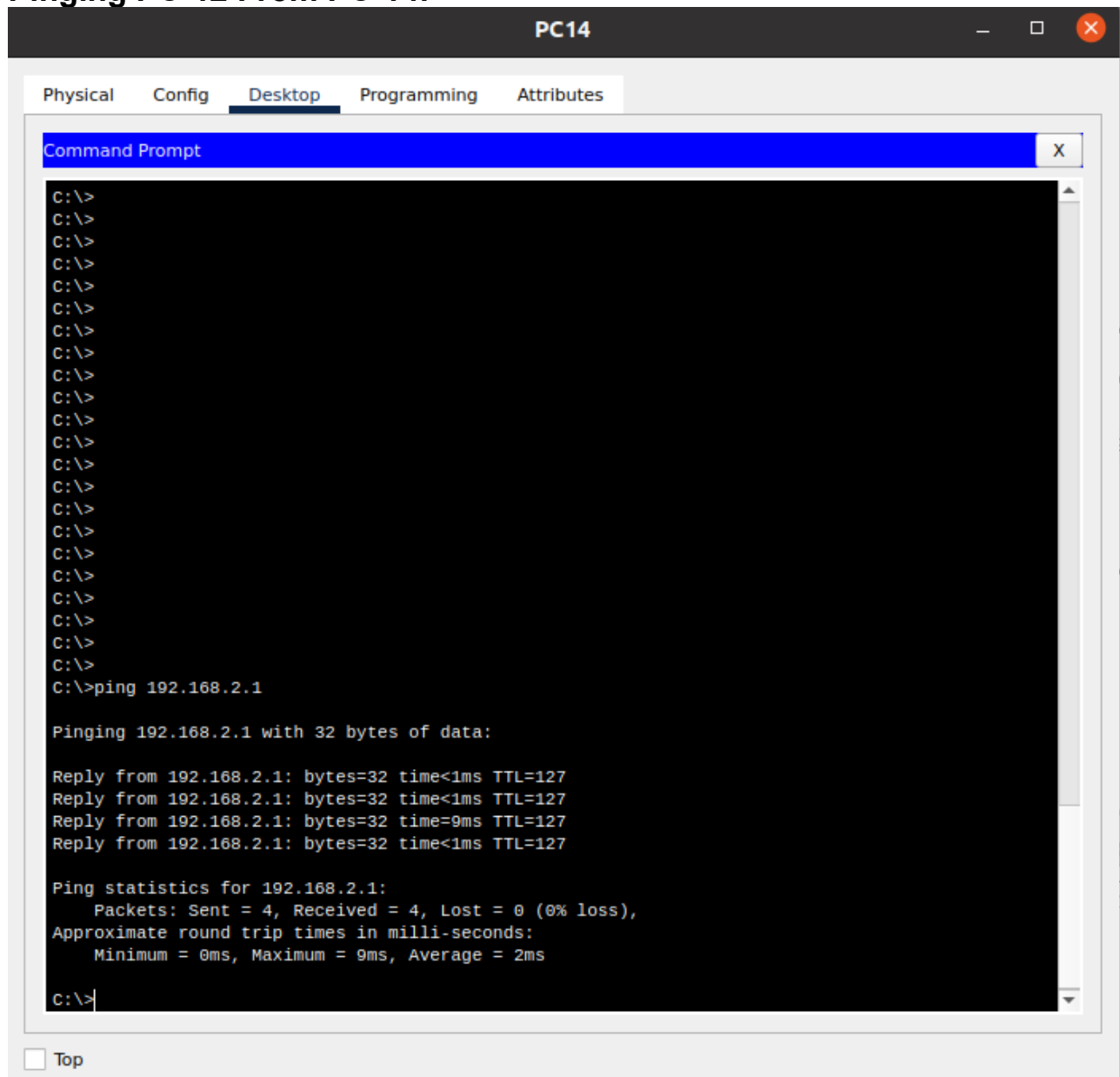
MD5

Username

Password

☐ Top

Pinging PC-12 From PC-14:



FIN.