

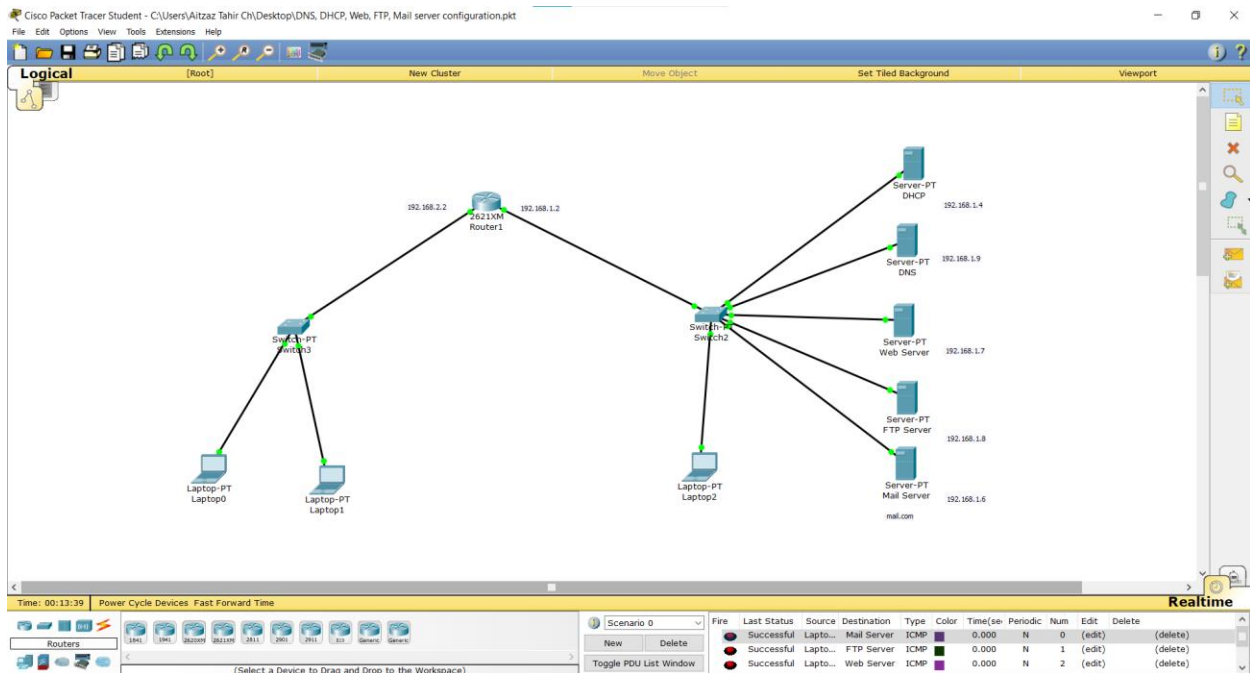


CN LAB 6 HOMEWORK











ROLL NO: 19P0012
NAME: AITZAZ TAHIR CH
SECTION: BS(CS)-5B



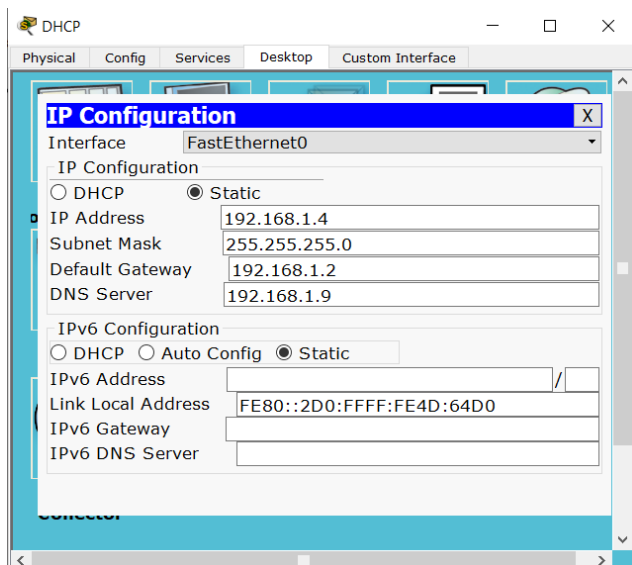
Topology:



As you can see all servers are running successful:

| Fire | Last Status | Source | Destination | Type | Color | Time(se) | Periodic | Num | Edit | Delete |
|---|-------------|----------|-------------|------|---|----------|----------|-----|--------|----------|
|  | Successful | Lapto... | Mail Server | ICMP |  | 0.000 | N | 0 | (edit) | (delete) |
|  | Successful | Lapto... | FTP Server | ICMP |  | 0.000 | N | 1 | (edit) | (delete) |
|  | Successful | Lapto... | Web Server | ICMP |  | 0.000 | N | 2 | (edit) | (delete) |
|  | Successful | Lapto... | DNS | ICMP |  | 0.000 | N | 3 | (edit) | (delete) |
|  | Successful | Lapto... | DHCP | ICMP |  | 0.000 | N | 4 | (edit) | (delete) |

Configuration:



DNS

PhysicalConfigServicesDesktopCustom Interface

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type

A Record

Address

AddSaveRemove

| No. | Name | Type | Detail |
|-----|--------------------|----------|-------------|
| 0 | mail.com | A Record | 192.168.1.6 |
| 1 | www.dhcp.com | A Record | 192.168.1.4 |
| 2 | www.webserver.c... | A Record | 192.168.1.7 |

DNS Cache

Web Server

PhysicalConfigServicesDesktopCustom Interface

IP Configuration

Interface

FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP 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

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:BAFF:FE28:1EA

IPv6 Gateway

IPv6 DNS Server

Web Server

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

HTTP

HTTP ☒ On ☐ Off

HTTPS ☒ On ☐ Off

File Manager

| | File Name | Edit | Delete |
|---|-----------------|--------|----------|
| 1 | copyrights.h... | (edit) | (delete) |
| 2 | cscoptlogo... | | (delete) |
| 3 | helloworld.... | (edit) | (delete) |
| 4 | image.html | (edit) | (delete) |
| 5 | index.html | (edit) | (delete) |

New File Import

FTP Server

Physical Config Services Desktop Custom Interface

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.8

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.2

DNS Server 192.168.1.9

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80::202:4AFF:FE9D:1B4E

IPv6 Gateway

IPv6 DNS Server

FTP Server

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

FTP

Service ☒ On ☐ Off

User Setup

Username Password

☐ Write ☐ Read ☐ Delete ☐ Rename ☐ List

| | Username | Password | Permission | |
|---|----------|----------|------------|--|
| 1 | cisco | cisco | RWDNL | <div>Add</div> <div>Save</div> <div>Remove</div> |

File

| | |
|----|---------------------------------|
| 18 | myFile.txt |
| 19 | pt1000-i-mz.122-28.bin |
| 20 | pt3000-i6q4l2-mz.121-22.EA4.bin |

Remove

Mail Server

Physical Config Services Desktop Custom Interface

IP Configuration

Interface **FastEthernet0**

IP Configuration

☐ DHCP ☒ Static

IP Address

Subnet Mask

Default Gateway

DNS Server

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address

IPv6 Gateway

IPv6 DNS Server

