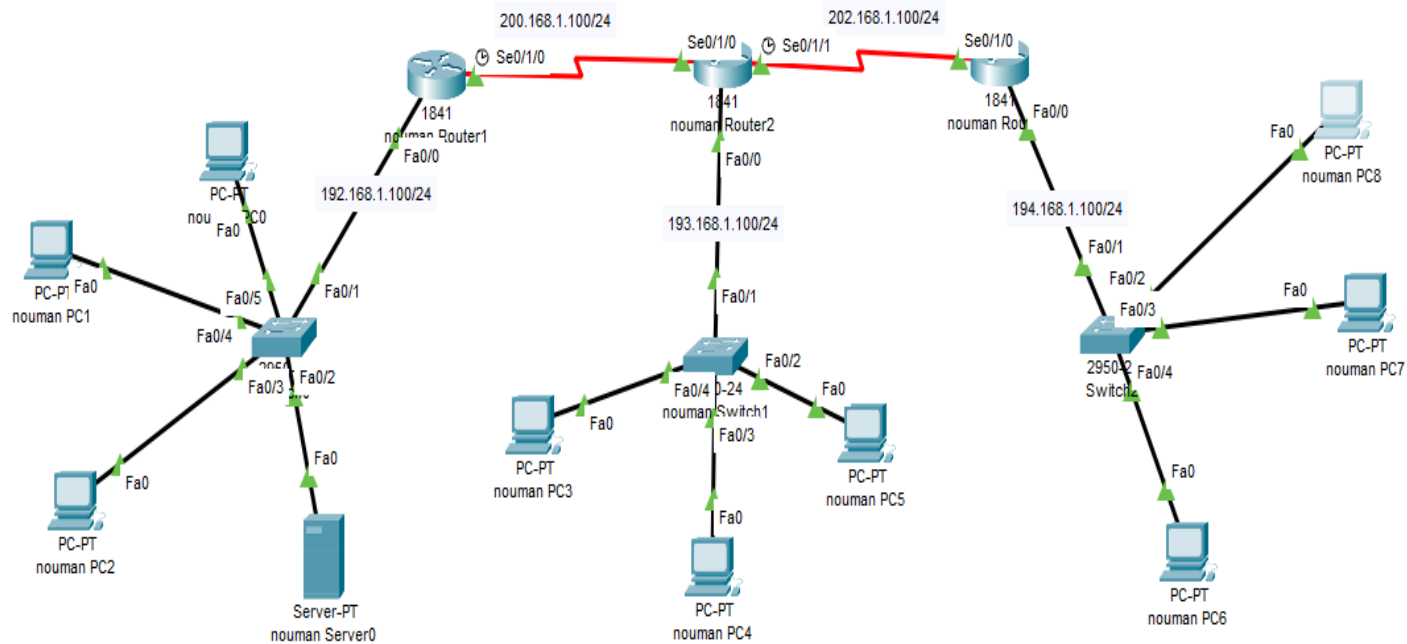


# LAB TASK # 06

Name : Nouman Ali

SID : 9964





nouman Router1



Physical

Config

CLI

Attributes

### IOS Command Line Interface

Press RETURN to get started.

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#network 192.168.1.100
Router(config-router)#network 200.168.1.100
Router(config-router)#exit
Router(config)#hostname nouman
nouman(config)#
```

Ctrl+F6 to exit CLI focus

Copy

Paste

☐ Top



nouman Router2



Physical

Config

CLI

Attributes

IOS Command Line Interface

```
Router>en
Router#configure ter
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#network 200.168.1.100
Router(config-router)#network 202.168.1.100
Router(config-router)#exit
Router(config)#hostname nouman
nouman(config)#
```

Ctrl+F6 to exit CLI focus

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nouman Router3



Physical

Config

CLI

Attributes

### IOS Command Line Interface

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#network 194.168.1.100
Router(config-router)#network 202.168.1.100
Router(config-router)#exit
Router(config)#hostname nouman
nouman(config)#
nouman(config)#access-list 110 deny top any host
```

Ctrl+F6 to exit CLI focus

Copy

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☐ Top



nouman Router2



Physical

Config

CLI

Attributes

## IOS Command Line Interface

```
nouman#  
nouman#conf t  
Enter configuration commands, one per line. End with CNTL/Z.  
nouman(config)#router rip  
nouman(config-router)#version 2  
^  
% Invalid input detected at '^' marker.  
  
nouman(config-router)#version 2  
nouman(config-router)#network 200.168.1.100  
nouman(config-router)#network 202.168.1.100  
nouman(config-router)#network 193.168.1.100  
nouman(config-router)#exit  
nouman(config)#  
nouman(config)#access-list 199 permit tcp host 193.168.1.102 host  
192.168.0.105 eq www  
nouman(config)#access-list 199 permit tcp host 193.168.1.103 host  
192.168.0.105 eq www  
nouman(config)#access-list 199 deny tcp any host 192.168.0.105 eq www  
nouman(config)#access-list 199 permit ip any any  
nouman(config)#interface serial 0/1/0  
nouman(config-if)#ip address 200.168.1.102 255.255.255.0  
nouman(config-if)#ip access-group 199 out  
nouman(config-if)#exit  
nouman(config)#
```

Ctrl+F6 to exit CLI focus

Copy

Paste



Top



nouman Router3



Physical

Config

CLI

Attributes

## IOS Command Line Interface

```
nouman#conf t
Enter configuration commands, one per line. End with CNTL/Z.
nouman(config)#access-list 110 permit tcp host 194.168.1.102 host
192.168.1.105 eq ?
  <0-65535> Port number
  ftp      File Transfer Protocol (21)
  pop3     Post Office Protocol v3 (110)
  smtp     Simple Mail Transport Protocol (25)
  telnet   Telnet (23)
  www      World Wide Web (HTTP, 80)
nouman(config)#access-list 110 permit tcp host 194.168.1.102 host
192.168.1.105 eq smtp
nouman(config)#access-list 110 deny ip any any
nouman(config)#int se0/1/0
nouman(config-if)#ip access-group 110 out
nouman(config-if)#exit
nouman(config)#exit
nouman#
%SYS-5-CONFIG_I: Configured from console by console

nouman#show ac
Extended IP access list 110
  10 permit tcp host 194.168.1.102 host 192.168.1.105 eq smtp
  20 deny ip any any (14 match(es))
```

Ctrl+F6 to exit CLI focus

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☐ Top

nouman Server0

Physical

Config

Services

Desktop

Programming

Attributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.105

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.101

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::2D0:FFFF:FE7E:7DD7

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

☐ Top

nouman PC5

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

193.168.1.102

Subnet Mask

255.255.255.0

Default Gateway

193.168.1.101

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::201:96FF:FE0E:2252

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Top



nouman PC8

PhysicalConfigDesktopProgrammingAttributes

IP ConfigurationX

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address194.168.1.102

Subnet Mask255.255.255.0

Default Gateway194.168.1.101

DNS Server0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local AddressFE80::200:CFF:FEA3:5DA0

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Top

