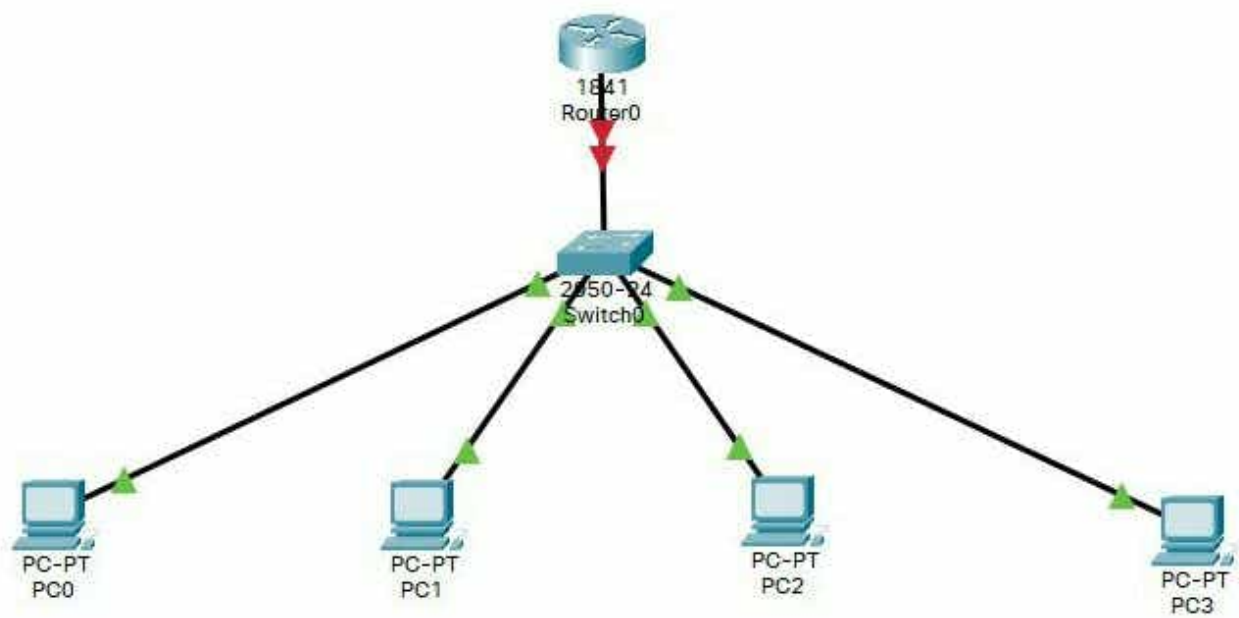


CREATING AND STORING A STRONG PASSWORD

MOHAMMED NABEEL



PhysicalConfigDesktopProgrammingAttributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address50.0.0.2

Subnet Mask255.0.0.0

Default Gateway50.0.0.1

DNS Server0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address /

Link Local AddressFE80::201:C9FF:FE27:DC37

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

AuthenticationMD5

Username

Password

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

50.0.0.3

Subnet Mask

255.0.0.0

Default Gateway

50.0.0.1

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::260:3EFF:FED8:7C74

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

50.0.0.4

Subnet Mask

255.0.0.0

Default Gateway

50.0.0.1

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::204:9AFF:FE22:BD05

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

7

DNS Server	0.0.0.0
------------	---------

DNS Server

Password

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

☒ On

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

☒ Half Duplex ☐ Full Duplex ☒ Auto

0009.7C73.6401

50.0.0.1

255.0.0.0

10

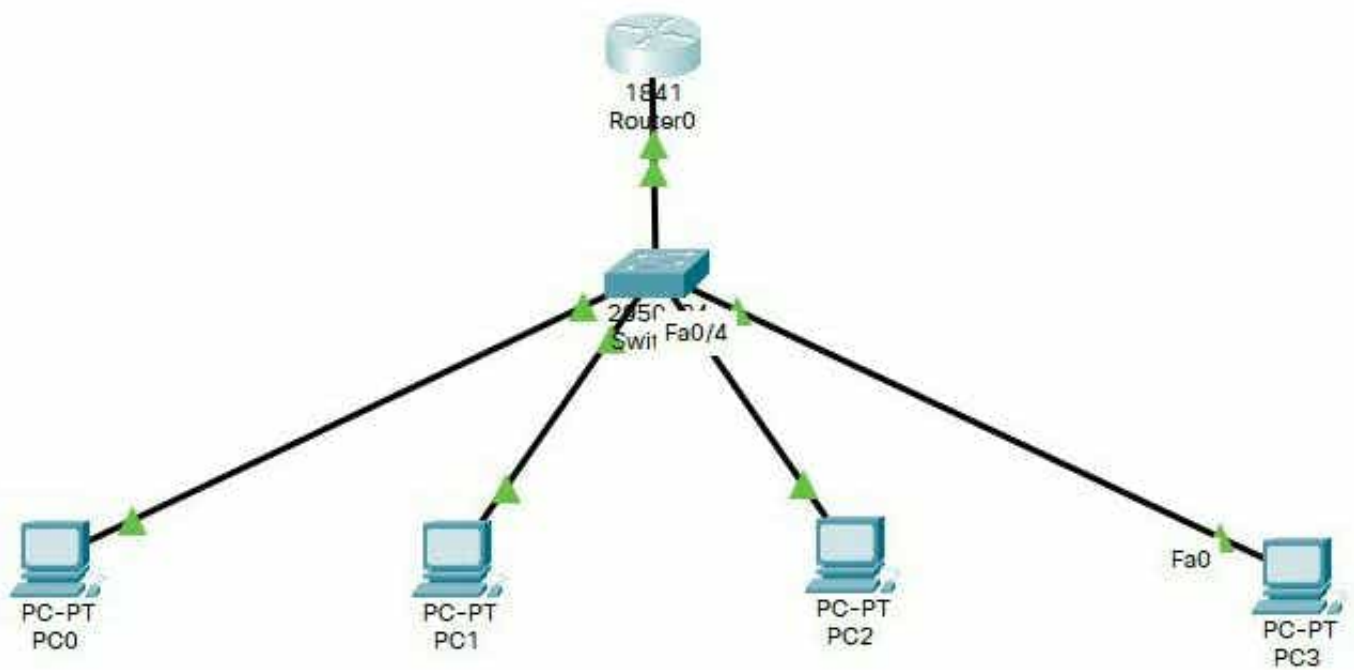
Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 50.0.0.1 255.0.0.0
Router(config-if)#ip address 50.0.0.1 255.0.0.0
Router(config-if)#no shutdown
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
```

CREATING AND STORING A STRONG PASSWORD

MOHAMMED NABEEL



IOS Command Line Interface

```
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#exit
```

Router con0 is now available

Press RETURN to get started.

Ctrl+F6 to exit CLI focus

Copy

Paste

Physical Config CLI Attributes

IOS Command Line Interface

Router con0 is now available

Press RETURN to get started.

```
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#exit
Router(config)#enable password 1234
Router(config)#line vty 0 4
Router(config-line)#password nabeel
Router(config-line)#login
Router(config-line)#exit
```

Ctrl+F6 to exit CLI focus

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[Top](#)

Physical Config CLI Attributes

IOS Command Line Interface

```
interface FastEthernet0/1
  no ip address
  duplex auto
  speed auto
  shutdown
!
interface Vlan1
  no ip address
  shutdown
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
  password nabeel
  login
!
!
!
end

Router#
```

Ctrl+F6 to exit CLI focus

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```
Packet Tracer PC Command Line 1.0
C:\>ping 50.0.0.1

Pinging 50.0.0.1 with 32 bytes of data:

Reply from 50.0.0.1: bytes=32 time=17ms TTL=255
Reply from 50.0.0.1: bytes=32 time<1ms TTL=255
Reply from 50.0.0.1: bytes=32 time<1ms TTL=255
Reply from 50.0.0.1: bytes=32 time<1ms TTL=255

Ping statistics for 50.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 17ms, Average = 4ms

C:\>
```

Physical Config Desktop Programming Attributes

Command Prompt

X

Packet Tracer PC Command Line 1.0

C:\>telnet 50.0.0.1

Trying 50.0.0.1 ...Open

User Access Verification

Password:

Router>en

Password:

Router#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#hostname nabeel

nabeel(config)#

Physical Config CLI Attributes

IOS Command Line Interface

```
Router#  
nabeel#exit
```

nabeel con0 is now available

Press RETURN to get started.

```
nabeel>
```

Ctrl+F6 to exit CLI focus

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