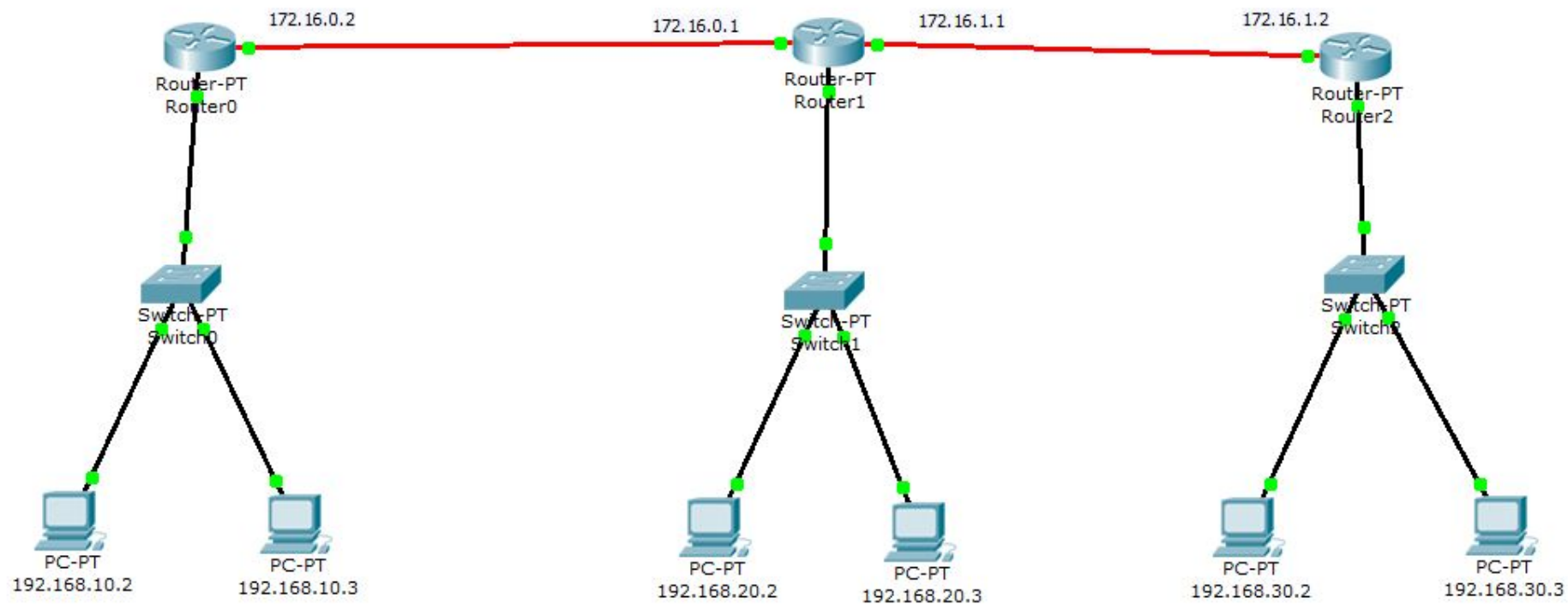


Cisco Packet Tracer

3 Routers Configuration



IP Configuration

☐ DHCP☒ Static

IP Address

192.168.10.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.10.1

DNS Server



E Mail



PPPoE Dialer



Text Editor



Web Browser



Cisco IP Communicator

IP Configuration

☐ DHCP☒ Static

IP Address

192.168.10.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.10.1

DNS Server



E Mail



PPPoE Dialer



Text Editor



Web Browser

Cisco IP
Communicator

Physical

Config

Desktop

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet

Global Settings

Display Name 192.168.20.2

Gateway/DNS

☐ DHCP☒ Static

Gateway 192.168.20.1

DNS Server

Gateway/DNS IPv6

☐ DHCP☐ Auto Config☒ Static

IPv6 Gateway

IPv6 DNS Server

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet

Global Settings

Display Name 192.168.20.3

Gateway/DNS

☐ DHCP☒ Static

Gateway 192.168.20.1

DNS Server

Gateway/DNS IPv6

☐ DHCP☐ Auto Config☒ Static

IPv6 Gateway

IPv6 DNS Server

Physical Config Desktop

IP Configuration

X

☐ DHCP☒ Static

IP Address

192.168.30.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.30.1

DNS Server



Web Browser

Cisco IP
Communicator

E Mail



PPPoE Dialer



Text Editor

Physical Config Desktop

IP Configuration

X

☐ DHCP☒ Static

IP Address

192.168.30.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.30.1

DNS Server



Web Browser

Cisco IP
Communicator

E Mail



PPPoE Dialer



Text Editor

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status

☒ On

Bandwidth

☒ Auto☐ 10 Mbps☒ 100 Mbps

Duplex

☒ Auto☒ Full Duplex☐ Half Duplex

MAC Address

0040.0BBD.47DC

IP Address

192.168.10.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config)#interface FastEthernet3/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

Router0

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet4/0

Port Status

☒ On

Bandwidth

☐ 100 Mbps

Duplex

☒ Full Duplex

MAC Address

0002.17AA.864E

IP Address

172.16.0.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

Router(config)#interface FastEthernet4/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet4/0

Router(config-if)#

Router0

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

RIP Routing

Network

Add

Network Address

172.16.0.0

192.168.10.0

Remove

Equivalent IOS Commands

Router(config)#interface FastEthernet4/0

Router(config-if)#

Router(config-if)#exit

Router(config)#router rip

Router(config-router)#

Router1

PhysicalConfigCLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status

☒ On

Bandwidth

☐ 10 Mbps

☒ 100 Mbps

☐ Auto

Duplex

☒ Full Duplex

☐ Half Duplex

☐ Auto

MAC Address

00D0.BC91.BA47

IP Address

192.168.20.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

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

Router1

PhysicalConfigCLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet4/0

Port Status

☒ On

Bandwidth

☐ 100 Mbps

Duplex

☒ Full Duplex

MAC Address

0060.5C02.3381

IP Address

172.16.0.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet4/0
Router(config-if)#
```

Router1

PhysicalConfigCLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet5/0

Port Status

☒ On

Bandwidth

☐ 100 Mbps

Duplex

☒ Full Duplex

MAC Address

000C.CFD2.0394

IP Address

172.16.1.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config)#interface FastEthernet4/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet5/0
Router(config-if)#
```

Router1

PhysicalConfigCLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

RIP Routing

Network

Add

Network Address

172.16.0.0

192.168.20.0

Remove

Equivalent IOS Commands

Router(config)#interface FastEthernet3/0

Router(config-if)#

Router(config-if)#exit

Router(config)#router rip

Router(config-router)#

Router2

PhysicalConfigCLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status☒ On

Bandwidth☒ Auto

☐ 10 Mbps☒ 100 Mbps

Duplex☒ Auto

☒ Full Duplex☐ Half Duplex

MAC Address0001.974A.E86D

IP Address192.168.30.1

Subnet Mask255.255.255.0

Tx Ring Limit10

Equivalent IOS Commands

```
Router(config)#interface FastEthernet4/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```


Router2

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet5/0

Port Status

☒ On

Bandwidth

☐ 100 Mbps

Duplex

☒ Full Duplex

MAC Address

0060.70D4.EDBB

IP Address

172.16.1.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

Router(config)#interface FastEthernet4/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet5/0

Router(config-if)#

Router2

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

RIP Routing

Network

Add

Network Address

172.16.0.0

192.168.30.0

Remove

Equivalent IOS Commands

Router(config)#interface FastEthernet5/0

Router(config-if)#

Router(config-if)#exit

Router(config)#router rip

Router(config-router)#