

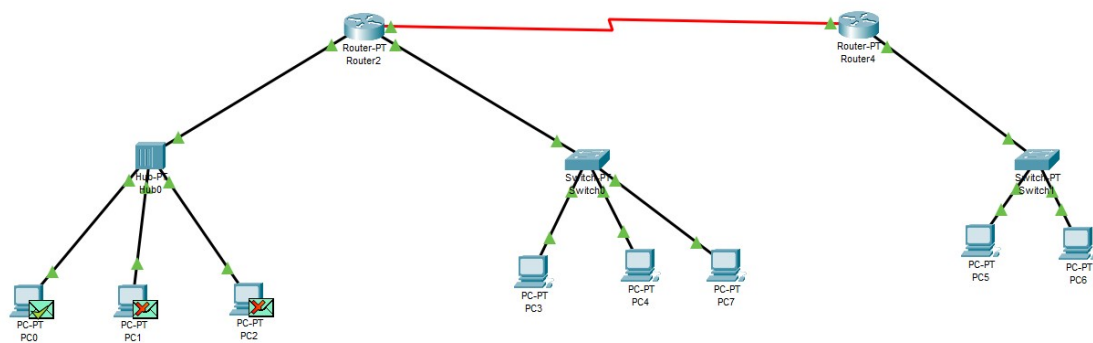
# Networks Lab

## Week 4 – Cisco

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21BCE1889

### 1) Static



Router4

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Static Routes

Network

100.0.0.0

Mask

255.0.0.0

Next Hop

103.0.0.0

Add

Network Address

100.0.0.0/8 via 103.0.0.0

Remove

Equivalent IOS Commands

Router(config-router)#network 100.0.0.0

Router(config-router)#

Router(config-router)#

Router(config-router)#end

Router#configure terminal

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

Router(config)#router rip

Router(config-router)#

Router(config-router)#end

Router#configure terminal

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

Router(config)#

Router(config)#ip route 100.0.0.0 255.0.0.0 103.0.0.0

Router(config)#

Router2

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Static Routes

Network

Mask

Next Hop

Add

Network Address

102.0.0.0/8 via 103.0.0.0

Remove

Equivalent IOS Commands

Router#configure terminal

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

Router(config)#

Router(config)#ip route 102.0.0.0 255.0.0.0 103.0.0.0

Router(config)#

Router(config)#

Router(config)#router rip

Router(config-router)#

Router(config-router)#end

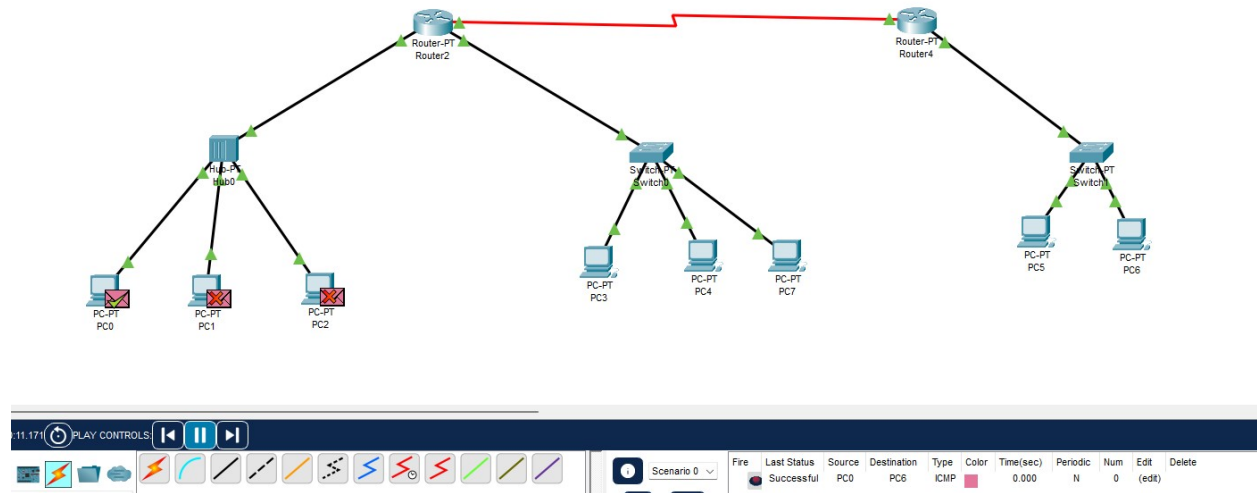
Router#configure terminal

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

Router(config)#

Router(config)#

## 2) Dynamic



Router4

Physical

Config

CLI

Attributes

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

100.0.0.0

101.0.0.0

102.0.0.0

103.0.0.0

Remove

Equivalent IOS Commands

Router(config-router)#  
Router(config-router)#end  
Router#configure terminal  
Enter configuration commands, one per line. End with CNTL/Z.  
Router(config)#router rip  
Router(config-router)#  
Router(config-router)#end  
Router#configure terminal  
Enter configuration commands, one per line. End with CNTL/Z.  
Router(config)#  
Router(config)#ip route 100.0.0.0 255.0.0.0 103.0.0.0  
Router(config)#  
Router(config)#router rip  
Router(config-router)#

Router2

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Static Routes

Network

Mask

Next Hop

Add

Network Address

102.0.0.0/8 via 103.0.0.0

Remove

Equivalent IOS Commands

Router#configure terminal

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

Router(config)#

Router(config)#ip route 102.0.0.0 255.0.0.0 103.0.0.0

Router(config)#

Router(config)#

Router(config)#router rip

Router(config-router)#

Router(config-router)#end

Router#configure terminal

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

Router(config)#

Router(config)#