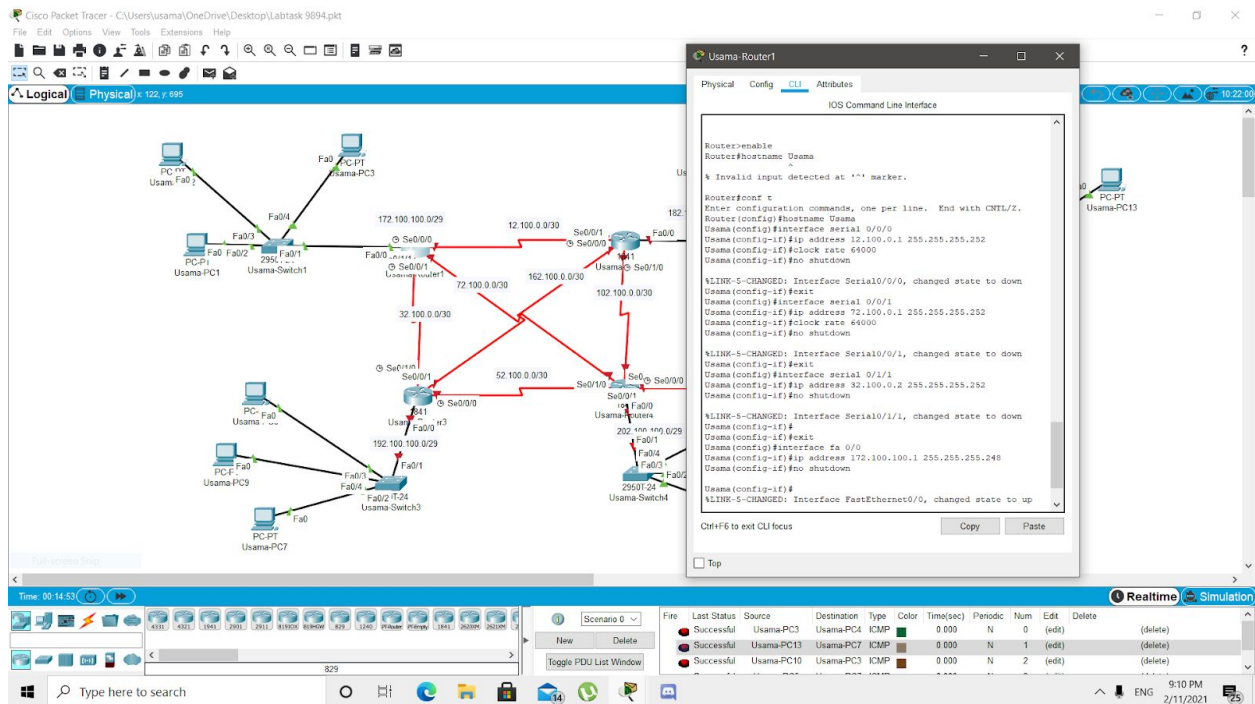


9894



Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\Labtask 9694.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 109, y: 109

Time: 00:19:06

Scenario 0

Toggle PDU List Window

Usama-Router2

Physical Config CLI Attributes

IOS Command Line Interface

```

Router>enable
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname Usama
Usama(config)#interface serial 0/0/1
Usama(config-if)#ip address 12.100.0.2 255.255.255.252
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up
Usama(config-if)#exit
Usama(config)#interface serial 0/1/0
Usama(config-if)#ip address 192.100.0.1 255.255.255.252
Usama(config-if)#clock rate 64000
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/1/0, changed state to down
Usama(config-if)#exit
Usama(config)#interface serial 0/0/0
Usama(config-if)#ip address 162.100.0.1 255.255.255.252
Usama(config-if)#clock rate 64000
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down
Usama(config-if)#exit
Usama(config)#interface fa 0/0
Usama(config-if)#ip address 192.100.100.1 255.255.255.248
Usama(config-if)#no shutdown
Usama(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
Usama(config-if)#exit
Usama(config)#
Ctrl+F5 to exit CLI focus
  
```

Copy Paste

Time 12:29:30

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\Labtask 9694.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 97, y: 532

Time: 00:23:58

Scenario 0

Toggle PDU List Window

Usama-Router3

Physical Config CLI Attributes

IOS Command Line Interface

```

Router>enable
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname Usama
Usama(config)#interface serial 0/0/0
Usama(config-if)#ip address 52.100.0.1 255.255.255.252
Usama(config-if)#clock rate 64000
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down
Usama(config-if)#exit
Usama(config)#interface serial 0/1/0
Usama(config-if)#ip address 32.100.0.1 255.255.255.252
Usama(config-if)#clock rate 64000
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up
Usama(config-if)#exit
Usama(config)#interface serial 0/0/1
Usama(config-if)#ip address 192.100.0.2 255.255.255.252
Usama(config-if)#no shutdown
Usama(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1,
changed state to up
Usama(config-if)#exit
Usama(config)#interface fa 0/0
Usama(config-if)#ip address 192.100.100.1 255.255.255.248
Usama(config-if)#no shutdown
Usama(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
Usama(config-if)#exit
Usama(config)#
Ctrl+F5 to exit CLI focus
  
```

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Time 14:57:00

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File Edit Options View Tools Extensions Help

Logical Physical x 300, y 152

Usama-Router1

Physical Config CLI Attributes

IOS Command Line Interface

```

type 2
E1 - OSPF NSSA external type 1, E2 - OSPF NSSA external type 2, E -
ESP
I - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

12.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 12.0.0.0/8 [120/1] via 32.100.0.1, 00:00:13, Serial0/1/1
C 12.100.0.0/30 is directly connected, Serial0/0/0
R 32.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 32.0.0.0/8 is possibly down, routing via 72.100.0.2,
Serial0/0/1
C 32.100.0.0/30 is directly connected, Serial0/2/1
R 52.0.0.0/8 [120/1] via 72.100.0.2, 00:00:102, Serial0/0/1
[120/1] via 32.100.0.1, 00:00:106, Serial0/1/1
R 72.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 72.0.0.0/8 is possibly down, routing via 32.100.0.1,
Serial0/1/1
is possibly down, routing via 12.100.0.2,
Serial0/0/0
C 72.100.0.0/30 is directly connected, Serial0/0/1
--More--
Ctrl+F6 to exit CLI focus

```

Time: 00:53:16

Scenario 0

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Usama-PC3	Usama-PC4	ICMP	0.000	N	0			(edit)	(delete)
Successful	Usama-PC13	Usama-PC7	ICMP	0.000	N	1			(edit)	(delete)
Successful	Usama-PC10	Usama-PC3	ICMP	0.000	N	2			(edit)	(delete)

9:49 PM 2/11/2021

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File Edit Options View Tools Extensions Help

Logical Physical x 300, y 438

Usama-Router2

Physical Config CLI Attributes

IOS Command Line Interface

```

type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E -
ESP
I - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

12.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 12.0.0.0/8 is possibly down, routing via 162.100.0.2,
Serial0/0/0
C 12.100.0.0/30 is directly connected, Serial0/0/1
R 32.0.0.0/8 is possibly down, routing via 12.100.0.1,
Serial0/0/1
R 52.0.0.0/8 [120/1] via 162.100.0.2, 00:00:122, Serial0/0/0
[120/1] via 102.100.0.2, 00:00:116, Serial0/1/0
R 72.0.0.0/8 [120/1] via 102.100.0.2, 00:00:116, Serial0/1/0
[120/1] via 12.100.0.1, 00:00:112, Serial0/0/1
R 102.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 102.0.0.0/8 [120/3] via 162.100.0.2, 00:00:103,
Serial0/0/0
C 102.100.0.0/30 is directly connected, Serial0/1/0
R 132.100.0.0/16 [120/1] via 102.100.0.2, 00:00:116,
Serial0/1/0
--More--
Ctrl+F6 to exit CLI focus

```

Time: 00:53:33

Scenario 0

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Usama-PC3	Usama-PC4	ICMP	0.000	N	0			(edit)	(delete)
Successful	Usama-PC13	Usama-PC7	ICMP	0.000	N	1			(edit)	(delete)
Successful	Usama-PC10	Usama-PC3	ICMP	0.000	N	2			(edit)	(delete)

9:50 PM 2/11/2021

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\Labtask 9694.pkt

File Edit Options View Tools Extensions Help

Logical Physical (x 614, y 47)

Usama-Router3

Physical Config CLI Attributes

IOS Command Line Interface

```

type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EXP
1 - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, is -
IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

R 12.0.0.0/8 [120/6] via 32.100.0.2, 00:00:03, Serial0/1/0
[120/6] via 162.100.0.1, 00:00:03, Serial0/0/1
32.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 32.0.0.0/8 [120/15] via 32.100.0.1, 00:00:00,
Serial0/0/1
[120/15] via 32.100.0.2, 00:00:00, Serial0/1/0
C 32.100.0.0/30 is directly connected, Serial0/1/0
52.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 52.0.0.0/8 is possibly down, routing via 32.100.0.2,
Serial0/1/0
[120/15] via 32.100.0.1, 00:00:03, Serial0/0/0
C 52.100.0.0/30 is directly connected, Serial0/0/0
R 72.0.0.0/8 [120/1] via 32.100.0.2, 00:00:03, Serial0/1/0
[120/1] via 32.100.0.1, 00:00:09, Serial0/0/0
--More--
Ctrl+F6 to exit CLI focus

```

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Top

Usama-PC10

Time: 00:53:56

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Usama-PC3	Usama-PC4	ICMP		0.000	N	0	(edit)	(delete)	
Successful	Usama-PC13	Usama-PC7	ICMP		0.000	N	1	(edit)	(delete)	
Successful	Usama-PC10	Usama-PC3	ICMP		0.000	N	2	(edit)	(delete)	

ENG 9:50 PM 2/11/2021

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\Labtask 9694.pkt

File Edit Options View Tools Extensions Help

Logical Physical x:232, y:499

Usama-Router4

Physical Config CLI Attributes

IOS Command Line Interface

```

>enable
>conf t
E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

R 12.0.0.0/8 [120/15] via 72.100.0.1, 00:00:04, Serial0/1/0
R 32.0.0.0/8 is possibly down, routing via 102.100.0.1,
Serial0/1/1
R 52.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 52.0.0.0/8 is possibly down, routing via 102.100.0.1,
Serial0/1/1
R 52.0.0.0/8 is possibly down, routing via 72.100.0.1,
Serial0/1/0
R 72.100.0.0/30 is directly connected, Serial0/0/1
R 72.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 72.0.0.0/8 is possibly down, routing via 52.100.0.1,
Serial0/0/1
R 102.100.0.0/30 is directly connected, Serial0/1/0
R 102.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
R 102.0.0.0/8 [120/5] via 72.100.0.1, 00:00:04, Serial0/1/0
--More--
  
```

Ctrl+F6 to exit CLI focus

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Top

Time: 00:54:12

Simulation

Realtime

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Usama-PC3	Usama-PC4	ICMP	0.000	N	0			(edit)	(delete)
Successful	Usama-PC13	Usama-PC7	ICMP	0.000	N	1			(edit)	(delete)
Successful	Usama-PC10	Usama-PC3	ICMP	0.000	N	2			(edit)	(delete)

Type here to search

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\Labtask 9694.pkt

File Edit Options View Tools Extensions Help

Logical Physical x:121, y:539

Usama-Router5

Physical Config CLI Attributes

IOS Command Line Interface

```

>enable
>conf t
show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile,
B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

132.100.0.0/30 is subnetted, 1 subnets
C 132.100.0.0 is directly connected, Serial0/0/1
C 212.100.100.0/29 is subnetted, 1 subnets
C 212.100.100.0 is directly connected, FastEthernet0/0
Usama#
  
```

Ctrl+F6 to exit CLI focus

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Top

Time: 00:54:33

Simulation

Realtime

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Usama-PC3	Usama-PC4	ICMP	0.000	N	0			(edit)	(delete)
Successful	Usama-PC13	Usama-PC7	ICMP	0.000	N	1			(edit)	(delete)
Successful	Usama-PC10	Usama-PC3	ICMP	0.000	N	2			(edit)	(delete)

Type here to search