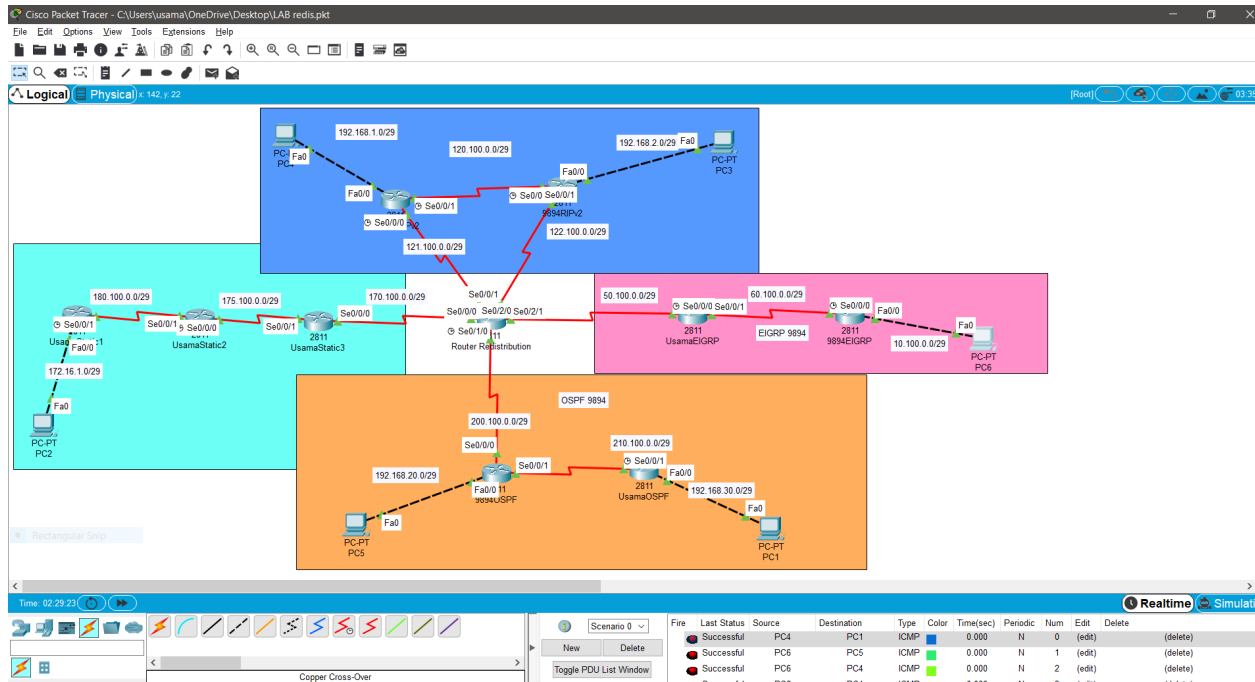


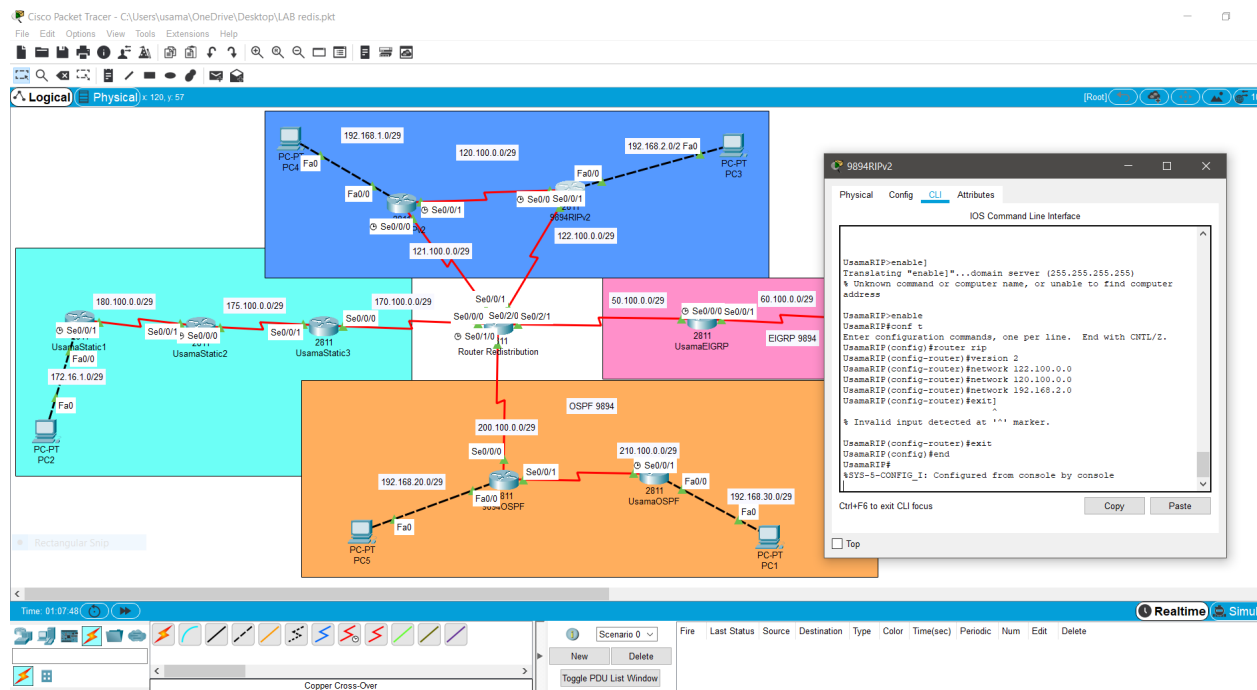
# LAB 12

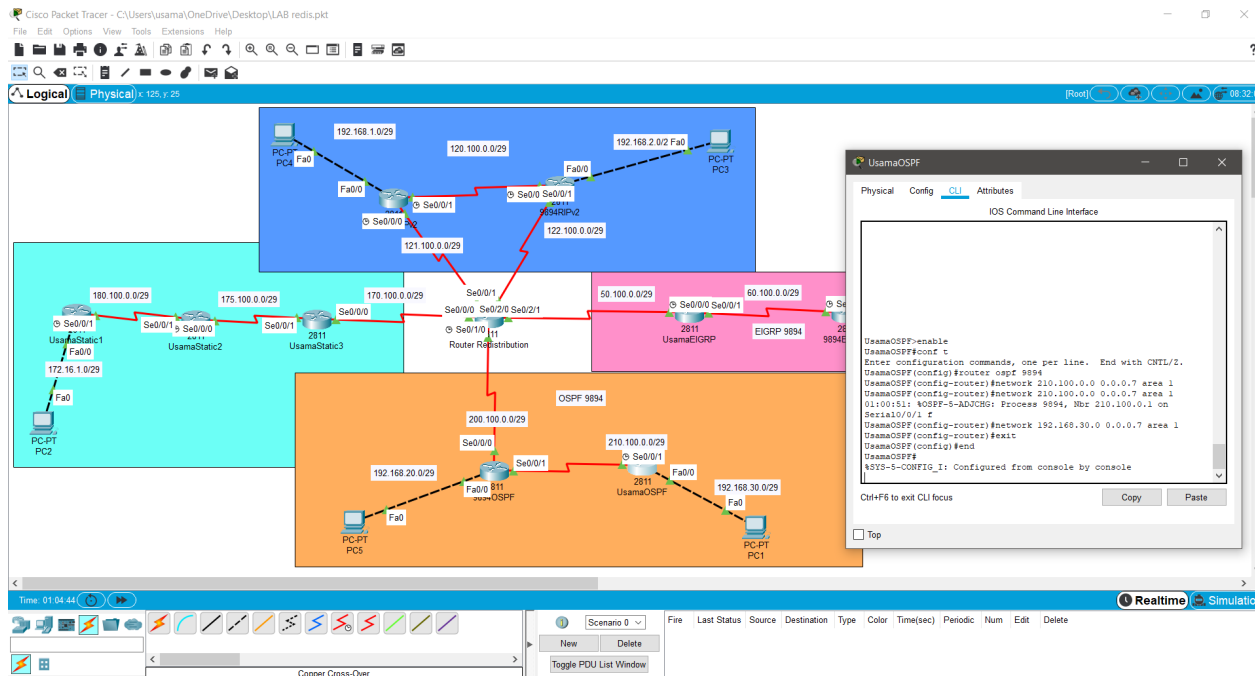
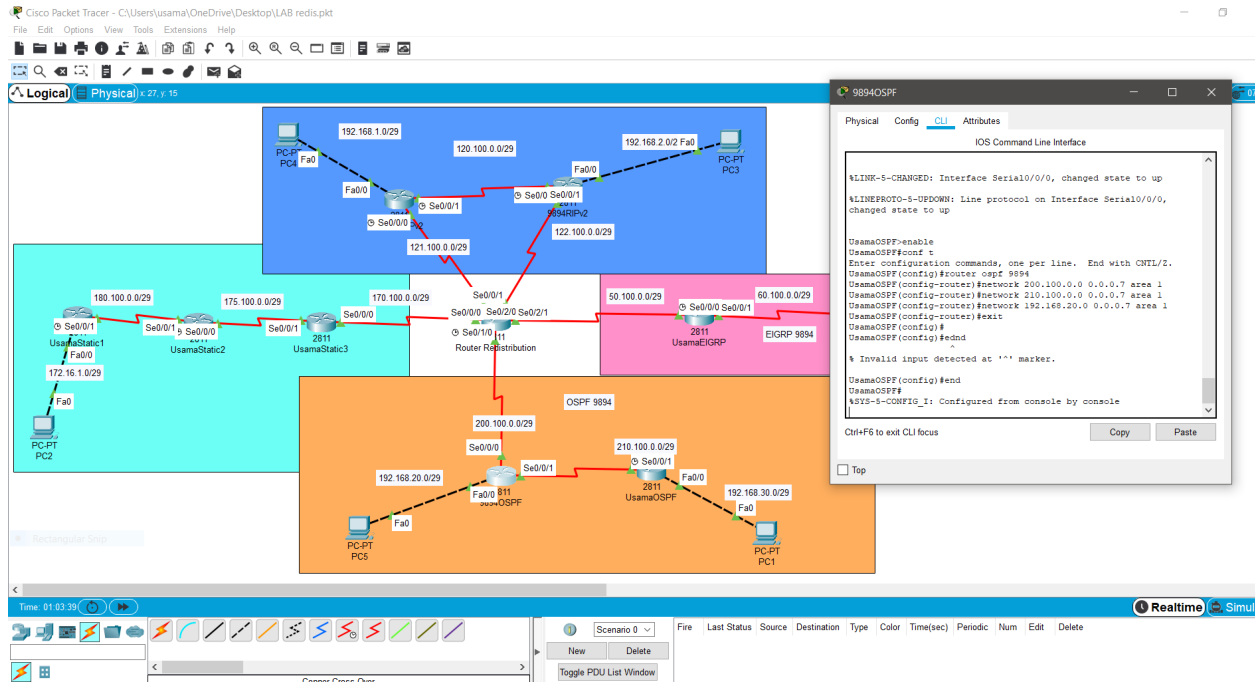
Usama Rehman

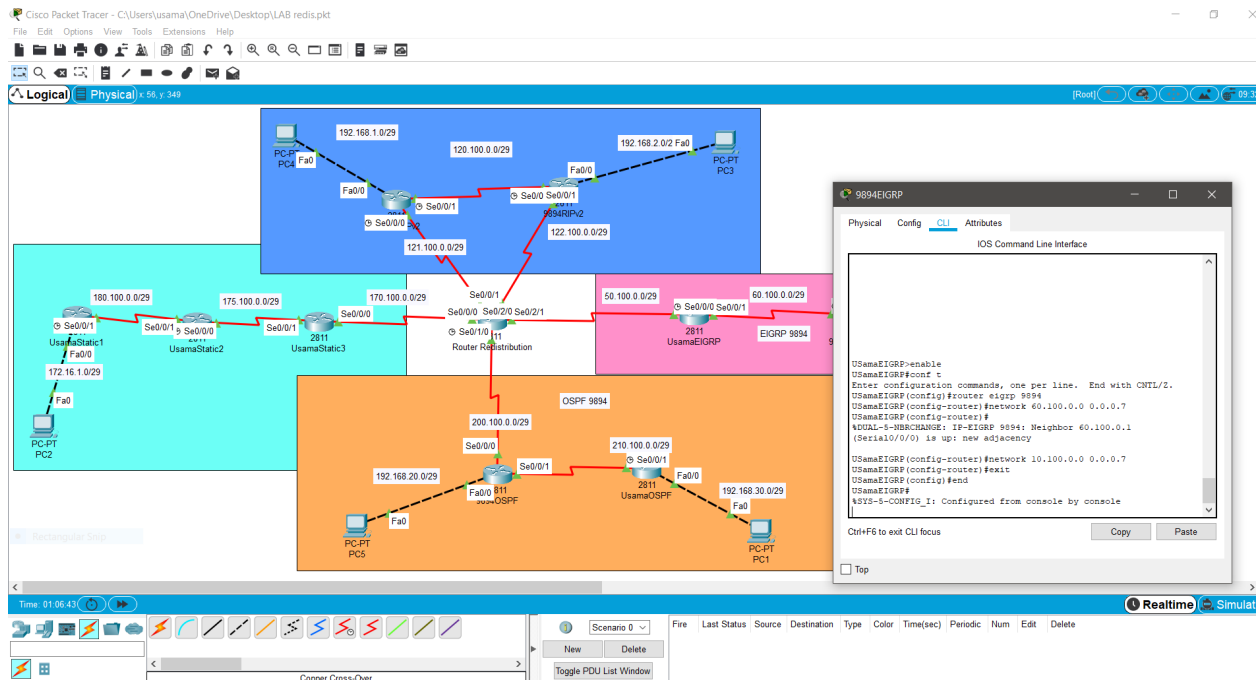
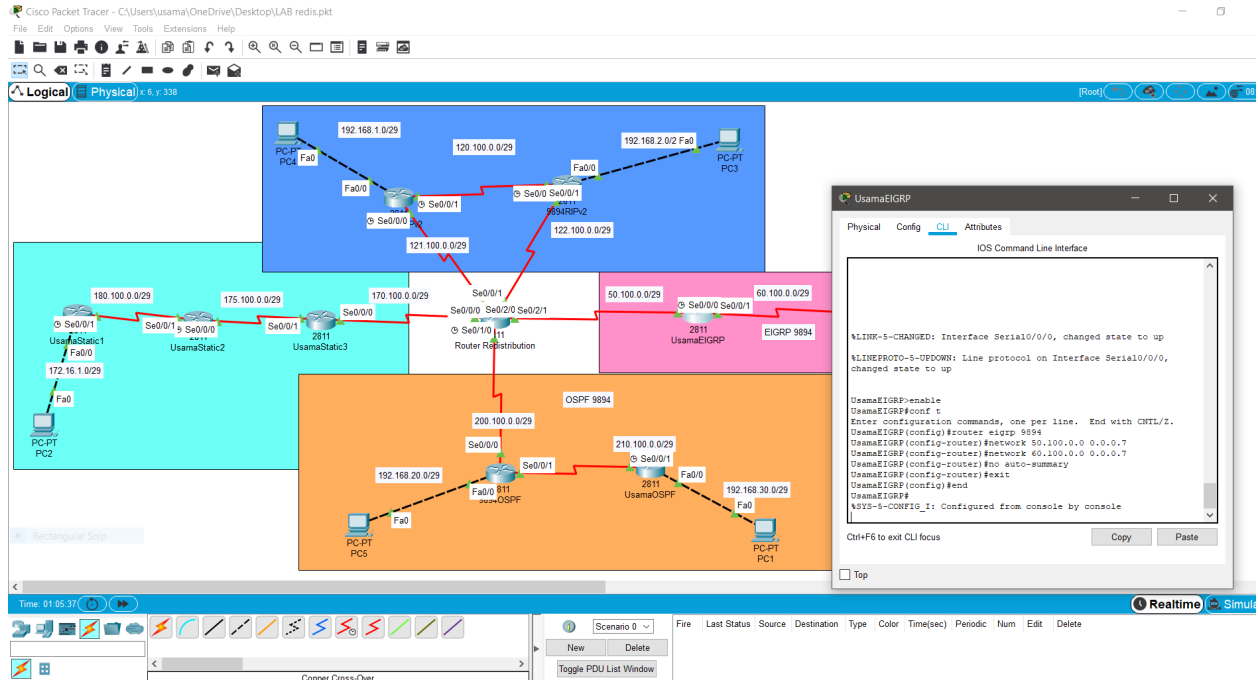
9894

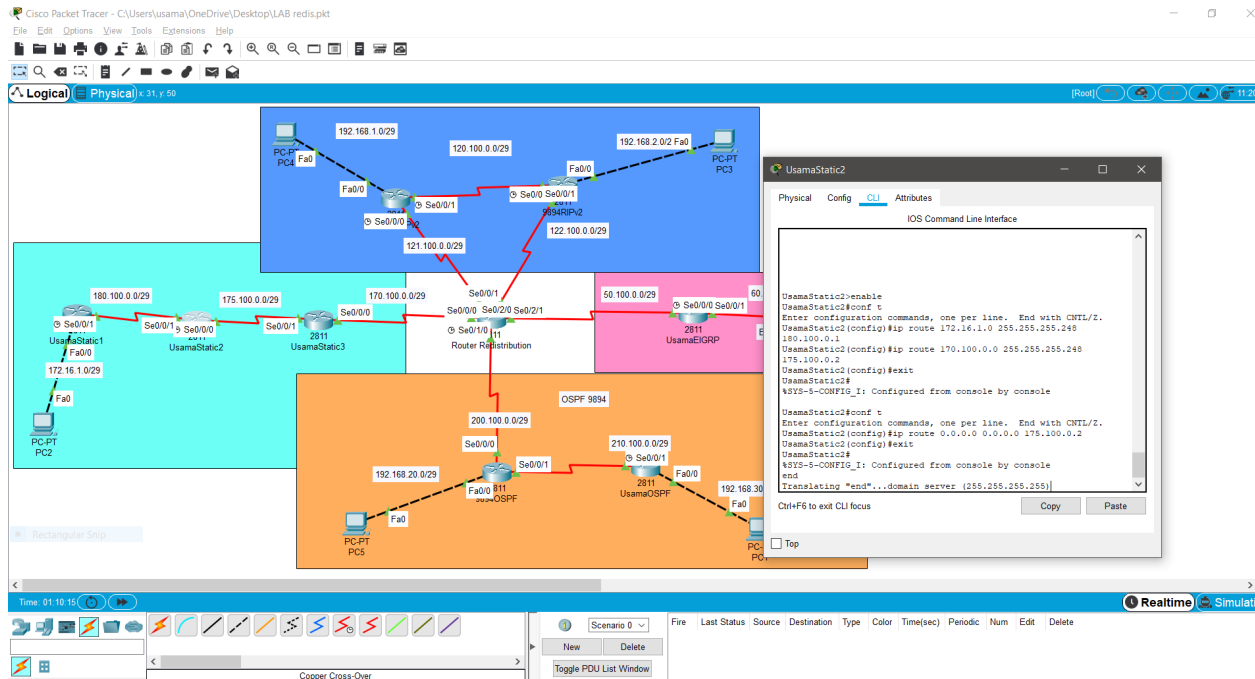
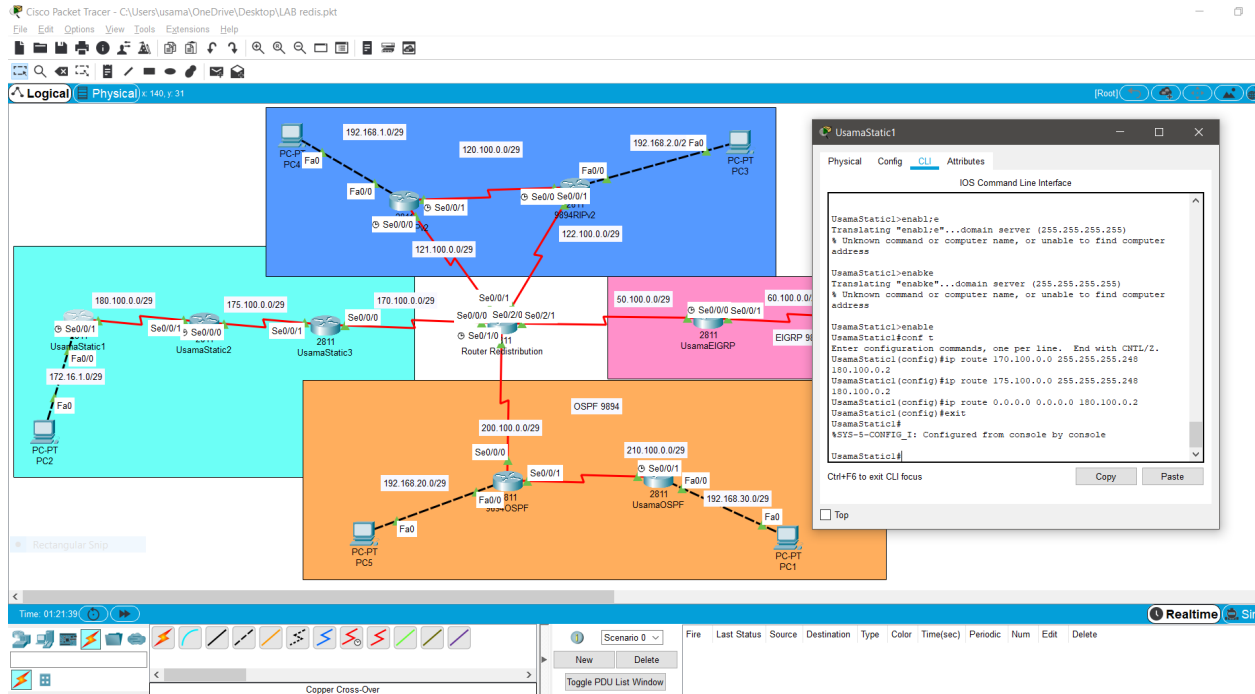
## Route Redistribution











Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\LAB redis.pkt

File Edit Options View Tools Extensions Help

Logical Physical x:117, y:15

Physical Config CLI Attributes

IOS Command Line Interface

```

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0,
changed state to up

UsamaStatic3#enable
UsamaStatic3#conf t
Enter configuration commands, one per line. End with CNTL/Z.
UsamaStatic3(config)#ip route 172.16.1.0 255.255.255.248
175.100.0.1
UsamaStatic3(config)#ip route 180.100.0.0 255.255.255.248
175.100.0.1
UsamaStatic3(config)#ip route 0.0.0.0 0.0.0.0 170.100.0.2
UsamaStatic3(config)#exit
%SYS-5-CONFIG_I: Configured from console by console
UsamaStatic3#end
Translating "end"...domain server (255.255.255.255)

Ctrl+F6 to exit CLI focus
  
```

Time: 01:12:03

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

Copper Cross-Over

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\LAB redis.pkt

File Edit Options View Tools Extensions Help

Logical Physical x:12, y:5

Physical Config CLI Attributes

IOS Command Line Interface

```

RouterRedisUsama#
RouterRedisUsama#
RouterRedisUsama#
RouterRedisUsama#conf t
Enter configuration commands, one per line. End with CNTL/Z.
RouterRedisUsama(config)#router ip
RouterRedisUsama(config-router)#version 2
RouterRedisUsama(config-router)#network 121.100.0.0
RouterRedisUsama(config-router)#network 122.100.0.0
RouterRedisUsama(config-router)#exit
% Invalid input detected at '^' marker.

RouterRedisUsama(config-router)#exit
RouterRedisUsama(config)#router eigrp 9894
RouterRedisUsama(config-router)#network 50.100.0.0 0.0.0.0
RouterRedisUsama(config-router)#
NDUAL-5-NSRCHANGE: IP-EIGRP 9894: Neighbor 50.100.0.1
(Serial0/2/1) is up: new adjacency

RouterRedisUsama(config-router)#no auto-summary
RouterRedisUsama(config-router)#
NDUAL-5-NSRCHANGE: IP-EIGRP 9894: Neighbor 50.100.0.1
(Serial0/2/1) resync: summary configured

RouterRedisUsama(config-router)#exit
RouterRedisUsama(config)#router ospf 9894
RouterRedisUsama(config-router)#network 200.100.0.0 0.0.0.0 area
1
RouterRedisUsama(config-router)#
01:24:16: NSR-5-ADJCHG: Process 9894, Nbr 210.100.0.1 on
Serial0/1/0 from LOADING to FULL, Loading Done

RouterRedisUsama(config-router)#exit
RouterRedisUsama(config)#
  
```

Ctrl+F6 to exit CLI focus

Time: 01:27:26

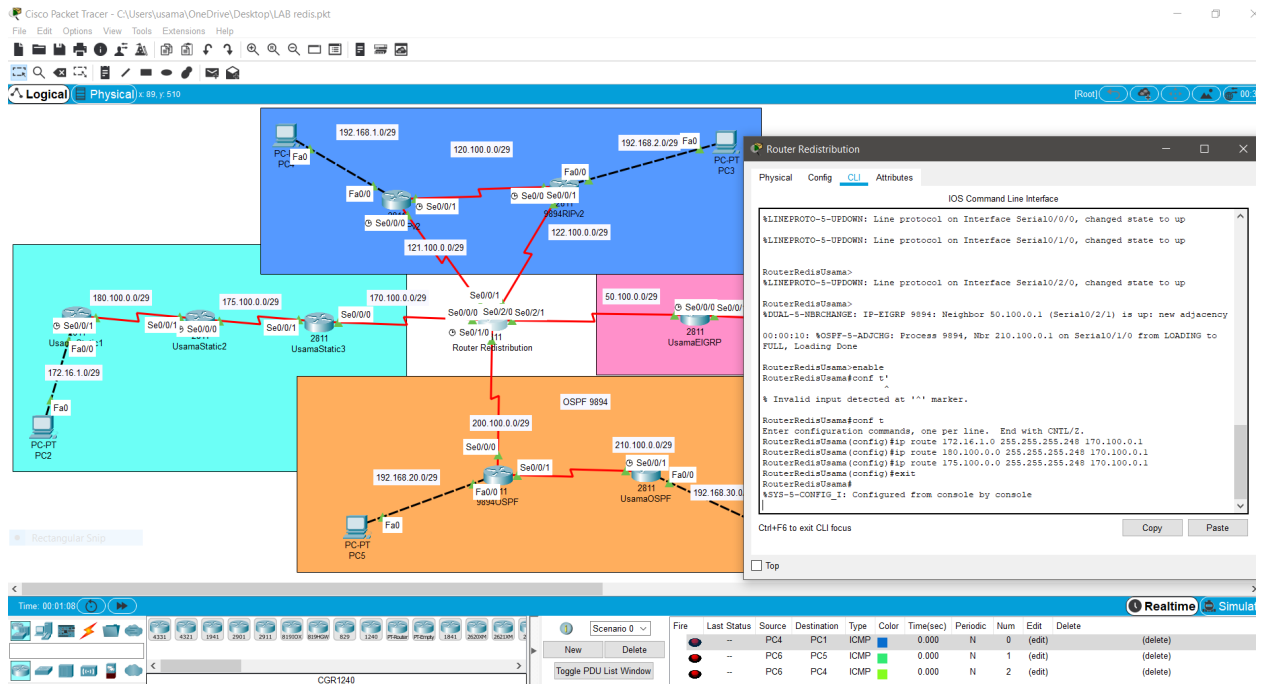
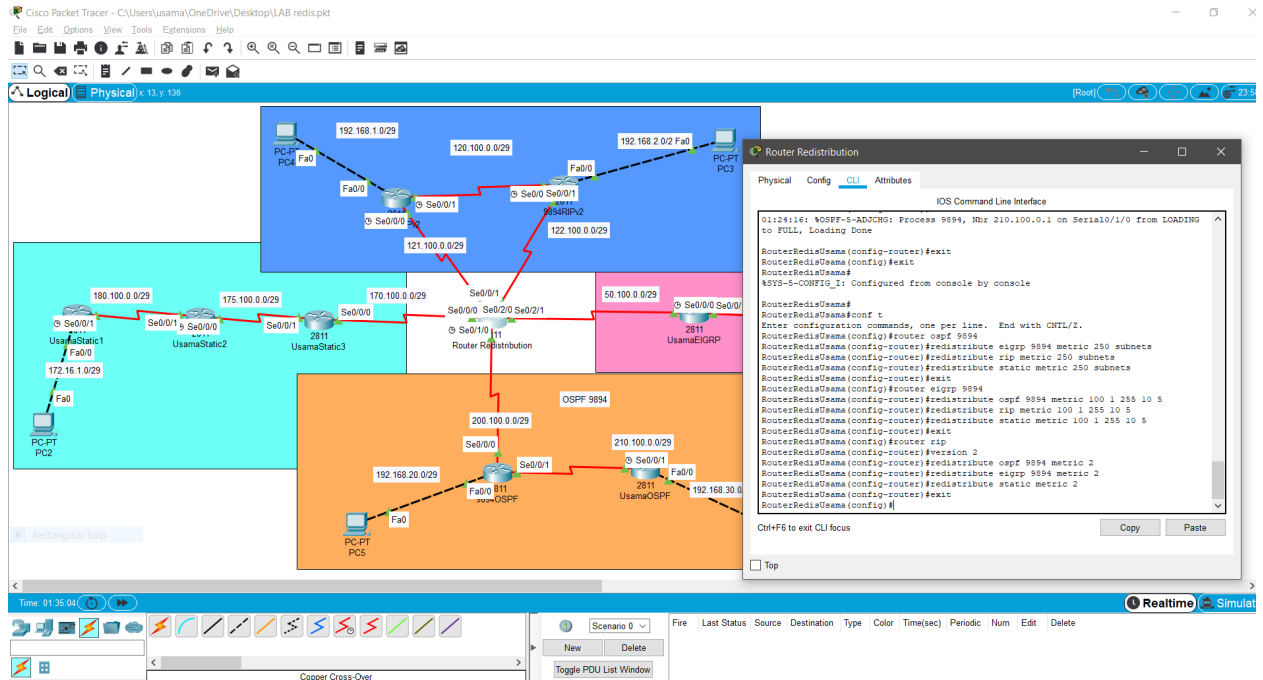
Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

Copper Cross-Over



Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\LAB redis.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 100, y 10

PC6

Physical Config Desktop Programming Attributes

Command Prompt

```

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.20.2

Pinging 192.168.20.2 with 32 bytes of data:
Reply from 192.168.20.2: bytes=32 time=3ms TTL=124
Reply from 192.168.20.2: bytes=32 time=3ms TTL=124
Reply from 192.168.20.2: bytes=32 time=1ms TTL=124
Reply from 192.168.20.2: bytes=32 time=1ms TTL=124

Ping statistics for 192.168.20.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 2ms

C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:
Reply from 192.168.1.2: bytes=32 time=25ms TTL=124
Reply from 192.168.1.2: bytes=32 time=25ms TTL=124
Reply from 192.168.1.2: bytes=32 time=15ms TTL=124
Reply from 192.168.1.2: bytes=32 time=17ms TTL=124

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 15ms, Maximum = 25ms, Average = 22ms

C:\>
  
```

Time: 02:29:07

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
●	Successful	PC4	PC1	ICMP	Blue	0.000	N	0	(edit)	(delete)
●	Successful	PC5	PC6	ICMP	Green	0.000	N	1	(edit)	(delete)
●	Successful	PC6	PC4	ICMP	Red	0.000	N	2	(edit)	(delete)

Copper Cross-Over

Cisco Packet Tracer - C:\Users\usama\OneDrive\Desktop\LAB redis.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 34, y 300

PC2

Physical Config Desktop Programming Attributes

Command Prompt

```

Pinging 10.100.0.1 with 32 bytes of data:
Reply from 10.100.0.1: bytes=32 time=5ms TTL=250
Reply from 10.100.0.1: bytes=32 time=5ms TTL=250
Reply from 10.100.0.1: bytes=32 time=4ms TTL=250
Reply from 10.100.0.1: bytes=32 time=4ms TTL=250

Ping statistics for 10.100.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 5ms, Maximum = 5ms, Average = 3ms

C:\>ping 192.168.30.2

Pinging 192.168.30.2 with 32 bytes of data:
Reply from 192.168.30.2: bytes=32 time=1ms TTL=122
Reply from 192.168.30.2: bytes=32 time=2ms TTL=122
Reply from 192.168.30.2: bytes=32 time=2ms TTL=122
Reply from 192.168.30.2: bytes=32 time=3ms TTL=122

Ping statistics for 192.168.30.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 2ms

C:\>
  
```

Time: 00:02:19

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
●	Successful	PC2	PC6	ICMP	Blue	0.000	N	0	(edit)	(delete)
●	Successful	PC1	PC4	ICMP	Green	0.000	N	1	(edit)	(delete)
●	Successful	PC2	PC5	ICMP	Red	0.000	N	2	(edit)	(delete)

Router-PT-Empty