Atividade 04

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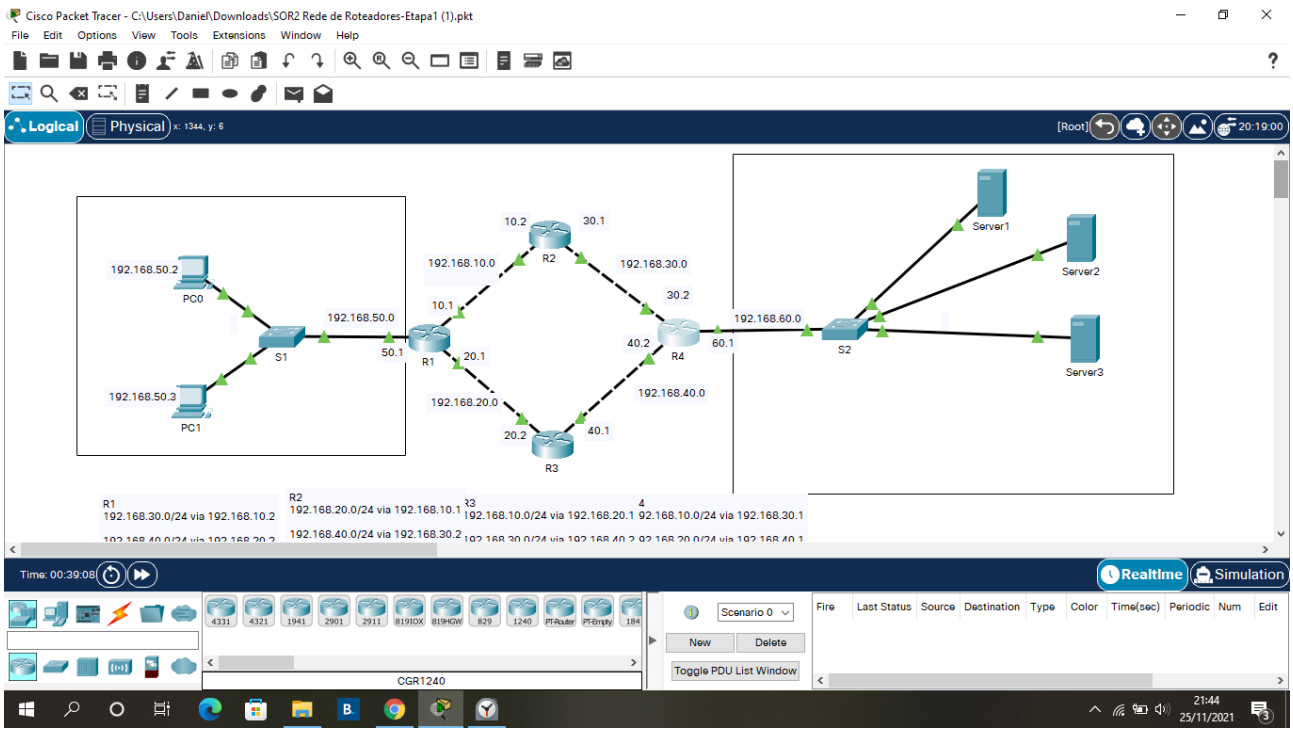

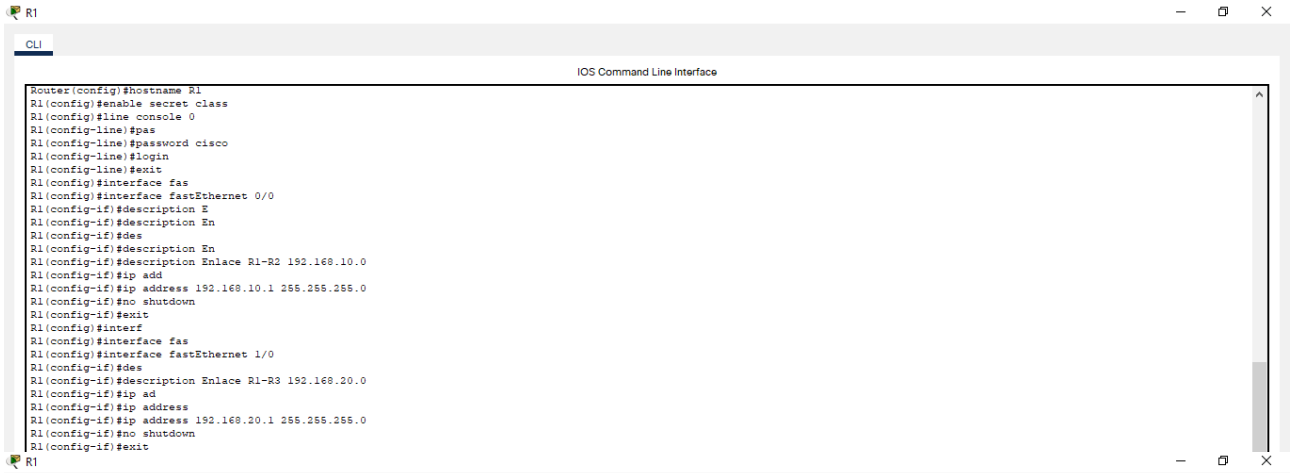

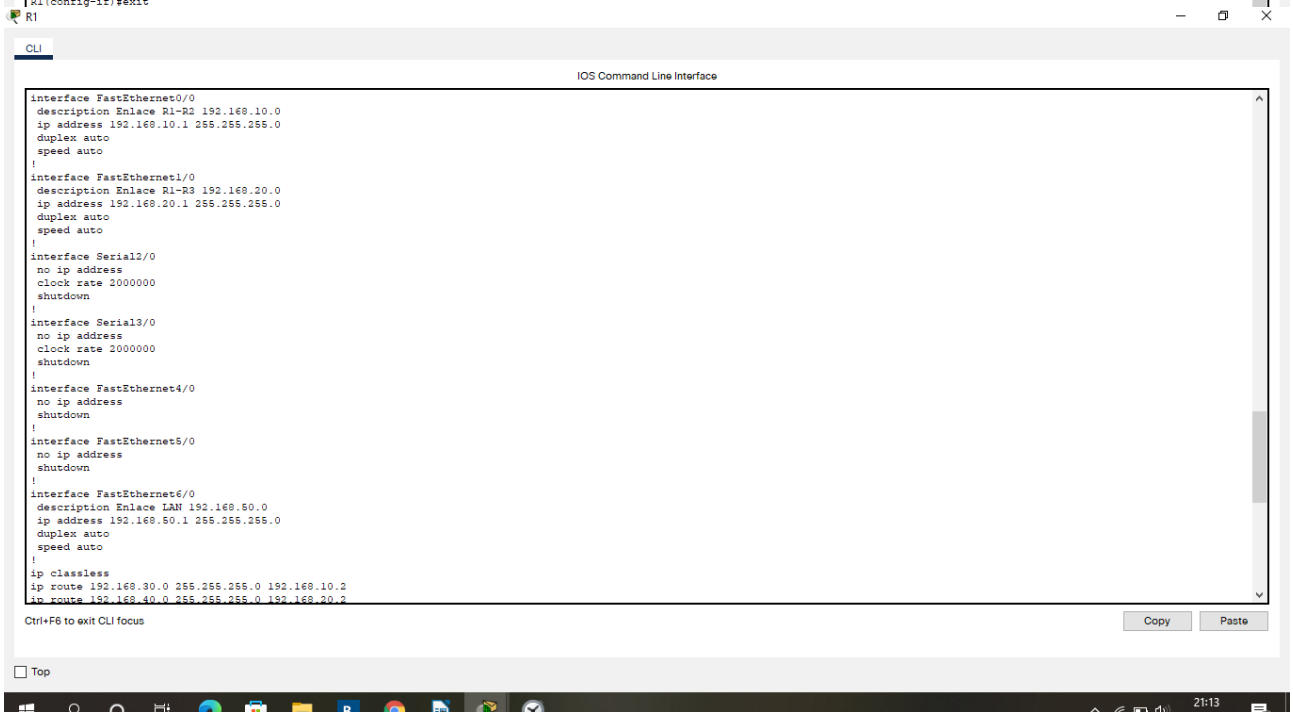

R1

CLI

IOS Command Line Interface

```
interface FastEthernet5/0
 no ip address
 shutdown
!
interface FastEthernet6/0
 description Enlace LAN 192.168.50.0
 ip address 192.168.50.1 255.255.255.0
 duplex auto
 speed auto
!
ip classless
ip route 192.168.30.0 255.255.255.0 192.168.10.2
ip route 192.168.40.0 255.255.255.0 192.168.20.2
ip route 192.168.60.0 255.255.255.0 192.168.10.2
ip route 192.168.60.0 255.255.255.0 192.168.20.2
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
 password cisco
 login
!
line aux 0
!
line vty 0 4
 password cisco
 login
!
!
!
end
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

R2

CLI

IOS Command Line Interface

```
Building configuration...

Current configuration : 1116 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R2
!
!
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
!
!
ip cef
no ipv6 cef
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
```

R2

CLI

IOS Command Line Interface

```
interface FastEthernet0/0
 description Enlace R2-R1 192.168.10.0
 ip address 192.168.10.2 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet1/0
 description Enlace R2-R4 192.168.30.0
 ip address 192.168.30.1 255.255.255.0
 duplex auto
 speed auto
!
interface Serial2/0
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial3/0
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
ip classless
ip route 192.168.20.0 255.255.255.0 192.168.10.1
ip route 192.168.40.0 255.255.255.0 192.168.30.2
ip route 192.168.50.0 255.255.255.0 192.168.10.1
ip route 192.168.60.0 255.255.255.0 192.168.30.2
!
ip flow-export version 9
!
!
```

Ctrl+F6 to exit CLI focus

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Top

R2

CLI

IOS Command Line Interface

```
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
ip classless
ip route 192.168.20.0 255.255.255.0 192.168.10.1
ip route 192.168.40.0 255.255.255.0 192.168.30.2
ip route 192.168.50.0 255.255.255.0 192.168.10.1
ip route 192.168.60.0 255.255.255.0 192.168.30.2
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
 password cisco
 login
!
line aux 0
!
line vty 0 4
 password cisco
 login
!
!
!
end
```

Ctrl+F6 to exit CLI focus

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Top

R3

CLI

IOS Command Line Interface

```
Building configuration...

Current configuration : 1116 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R3
!
!
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
!
!
ip cef
no ipv6 cef
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
```

R3

CLI

IOS Command Line Interface

```
interface FastEthernet0/0
 description Enlace R3-R1 192.168.20.0
 ip address 192.168.20.2 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet1/0
 description Enlace R3-R4 192.168.40.0
 ip address 192.168.40.1 255.255.255.0
 duplex auto
 speed auto
!
interface Serial2/0
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial3/0
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
ip classless
ip route 192.168.10.0 255.255.255.0 192.168.20.1
ip route 192.168.30.0 255.255.255.0 192.168.40.2
ip route 192.168.50.0 255.255.255.0 192.168.20.1
ip route 192.168.60.0 255.255.255.0 192.168.40.2
!
ip flow-export version 9
!
!
```

Ctrl+F6 to exit CLI focus

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Top

R3

CLI

IOS Command Line Interface

```
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
ip classless
ip route 192.168.10.0 255.255.255.0 192.168.20.1
ip route 192.168.30.0 255.255.255.0 192.168.40.2
ip route 192.168.50.0 255.255.255.0 192.168.20.1
ip route 192.168.60.0 255.255.255.0 192.168.40.2
!
ip flow-export version 9
!
!
!
!
!
!
!
line con 0
 password cisco
 login
!
line aux 0
!
line vty 0 4
 password cisco
 login
!
!
!
end
```

Ctrl+F6 to exit CLI focus

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Top

21:28
25/11/2021

R4

CLI

IOS Command Line Interface

```
Building configuration...

Current configuration : 1245 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R4
!
!
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
!
!
ip cef
no ipv6 cef
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
```

R4

CLI

IOS Command Line Interface

```
interface FastEthernet0/0
 description Enlace R4-R2 192.168.10.0
 ip address 192.168.30.2 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet1/0
 description Enlace R4-R3 192.168.40.0
 ip address 192.168.40.2 255.255.255.0
 duplex auto
 speed auto
!
interface Serial2/0
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial3/0
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
interface FastEthernet6/0
 description Enlace LAN 192.148.60.0
 ip address 192.168.60.1 255.255.255.0
 duplex auto
 speed auto
!
ip classless
ip route 192.168.10.0 255.255.255.0 192.168.30.1
ip route 192.168.20.0 255.255.255.0 192.168.40.1
```

Ctrl+F6 to exit CLI focus

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Top

21:36
25/11/2021

R4

CLI

IOS Command Line Interface

```
 shutdown
!
interface FastEthernet6/0
 description Enlace LAN 192.148.60.0
 ip address 192.168.60.1 255.255.255.0
 duplex auto
 speed auto
!
ip classless
ip route 192.168.10.0 255.255.255.0 192.168.30.1
ip route 192.168.20.0 255.255.255.0 192.168.40.1
ip route 192.168.50.0 255.255.255.0 192.168.30.1
ip route 192.168.50.0 255.255.255.0 192.168.40.1
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
 password cisco
 login
!
line aux 0
!
line vty 0 4
 password cisco
 login
!
!
!
end


R4#
```

Ctrl+F6 to exit CLI focus

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Top

R1

CLI

IOS Command Line Interface

```
User Access Verification

Password:

R1>enable
Password:
R1#conf
R1#configure ter
R1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#ip route 192.168.30.0 255.255.255.0 192.168.10.2
R1(config)#ip route 192.168.40.0 255.255.255.0 192.168.20.2
R1(config)#ip route 192.168.60.0 255.255.255.0 192.168.20.2
R1(config)#ip route 192.168.60.0 255.255.255.0 192.168.10.2
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#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

C    192.168.10.0/24 is directly connected, FastEthernet0/0
C    192.168.20.0/24 is directly connected, FastEthernet1/0
S    192.168.30.0/24 [1/0] via 192.168.10.2
S    192.168.40.0/24 [1/0] via 192.168.20.2
C    192.168.50.0/24 is directly connected, FastEthernet6/0
S    192.168.60.0/24 [1/0] via 192.168.10.2
                     [1/0] via 192.168.20.2
```

R2

CLI

IOS Command Line Interface

```
User Access Verification

Password:

R2>enable
Password:
R2#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#ip route 192.168.20.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.40.0 255.255.255.0 192.168.30.2
R2(config)#ip route 192.168.50.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.60.0 255.255.255.0 192.168.30.2
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#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

C    192.168.10.0/24 is directly connected, FastEthernet0/0
S    192.168.20.0/24 [1/0] via 192.168.10.1
C    192.168.30.0/24 is directly connected, FastEthernet1/0
S    192.168.40.0/24 [1/0] via 192.168.30.2
S    192.168.50.0/24 [1/0] via 192.168.10.1
S    192.168.60.0/24 [1/0] via 192.168.30.2

R2#
```

Ctrl+F6 to exit CLI focus

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Top

R3

CLI

IOS Command Line Interface

```
User Access Verification

Password:

R3>enable
Password:
R3#confi
R3#configure ter
Enter configuration commands, one per line.  End with CNTL/Z.
R3(config)#ip route 192.168.10.0 255.255.255.0 192.168.20.1
R3(config)#ip route 192.168.30.0 255.255.255.0 192.168.40.2
R3(config)#ip route 192.168.50.0 255.255.255.0 192.168.20.1
R3(config)#ip route 192.168.60.0 255.255.255.0 192.168.40.2
R3(config)#exit
R3#
%SYS-5-CONFIG_I: Configured from console by console

R3#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

S    192.168.10.0/24 [1/0] via 192.168.20.1
C    192.168.20.0/24 is directly connected, FastEthernet0/0
S    192.168.30.0/24 [1/0] via 192.168.40.2
C    192.168.40.0/24 is directly connected, FastEthernet1/0
S    192.168.50.0/24 [1/0] via 192.168.20.1
S    192.168.60.0/24 [1/0] via 192.168.40.2

R3#
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

R3

CLI

IOS Command Line Interface

```
R3>enable
Password:
R3#confi
R3#configure ter
Enter configuration commands, one per line.  End with CNTL/Z.
R3(config)#ip route 192.168.10.0 255.255.255.0 192.168.20.1
R3(config)#ip route 192.168.30.0 255.255.255.0 192.168.40.2
R3(config)#ip route 192.168.50.0 255.255.255.0 192.168.20.1
R3(config)#ip route 192.168.60.0 255.255.255.0 192.168.40.2
R3(config)#exit
R3#
%SYS-5-CONFIG_I: Configured from console by console

R3#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

S    192.168.10.0/24 [1/0] via 192.168.20.1
C    192.168.20.0/24 is directly connected, FastEthernet0/0
S    192.168.30.0/24 [1/0] via 192.168.40.2
C    192.168.40.0/24 is directly connected, FastEthernet1/0
S    192.168.50.0/24 [1/0] via 192.168.20.1
S    192.168.60.0/24 [1/0] via 192.168.40.2

R3#copy run
R3#copy running-config st
R3#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R3#
```

R2

CLI

IOS Command Line Interface

```
Password:

R2>enable
Password:
R2#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#ip route 192.168.20.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.40.0 255.255.255.0 192.168.30.2
R2(config)#ip route 192.168.50.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.60.0 255.255.255.0 192.168.30.2
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#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

C    192.168.10.0/24 is directly connected, FastEthernet0/0
S    192.168.20.0/24 [1/0] via 192.168.10.1
C    192.168.30.0/24 is directly connected, FastEthernet1/0
S    192.168.40.0/24 [1/0] via 192.168.30.2
S    192.168.50.0/24 [1/0] via 192.168.10.1
S    192.168.60.0/24 [1/0] via 192.168.30.2

R2#copy r
R2#copy running-config st
R2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R2#
```

Ctrl+F6 to exit CLI focus

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Top

22:10
25/11/2021

R2

CLI

IOS Command Line Interface

```
Password:

R2>enable
Password:
R2#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#ip route 192.168.20.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.40.0 255.255.255.0 192.168.30.2
R2(config)#ip route 192.168.50.0 255.255.255.0 192.168.10.1
R2(config)#ip route 192.168.60.0 255.255.255.0 192.168.30.2
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#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

C    192.168.10.0/24 is directly connected, FastEthernet0/0
S    192.168.20.0/24 [1/0] via 192.168.10.1
C    192.168.30.0/24 is directly connected, FastEthernet1/0
S    192.168.40.0/24 [1/0] via 192.168.30.2
S    192.168.50.0/24 [1/0] via 192.168.10.1
S    192.168.60.0/24 [1/0] via 192.168.30.2

R2#copy r
R2#copy running-config st
R2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R2#
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

R4

CLI

IOS Command Line Interface

```
R4#conf
R4#configure ter
R4#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R4(config)#ip route 192.168.10.0 255.255.255.0 192.168.30.1
R4(config)#ip route 192.168.20.0 255.255.255.0 192.168.40.1
R4(config)#ip route 192.186.50.0 255.255.255.0 192.168.40.1
R4(config)#ip route 192.168.50.0 255.255.255.0 192.168.30.1
R4(config)#exit
R4#
%SYS-5-CONFIG_I: Configured from console by console

R4#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

S    192.168.10.0/24 [1/0] via 192.168.30.1
S    192.168.20.0/24 [1/0] via 192.168.40.1
C    192.168.30.0/24 is directly connected, FastEthernet0/0
C    192.168.40.0/24 is directly connected, FastEthernet1/0
S    192.168.50.0/24 [1/0] via 192.168.30.1
                     [1/0] via 192.168.40.1
C    192.168.60.0/24 is directly connected, FastEthernet6/0
S    192.186.50.0/24 [1/0] via 192.168.40.1

R4#copy run
R4#copy running-config st
R4#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R4#
```

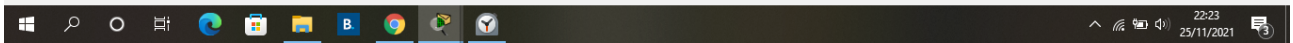
PC1

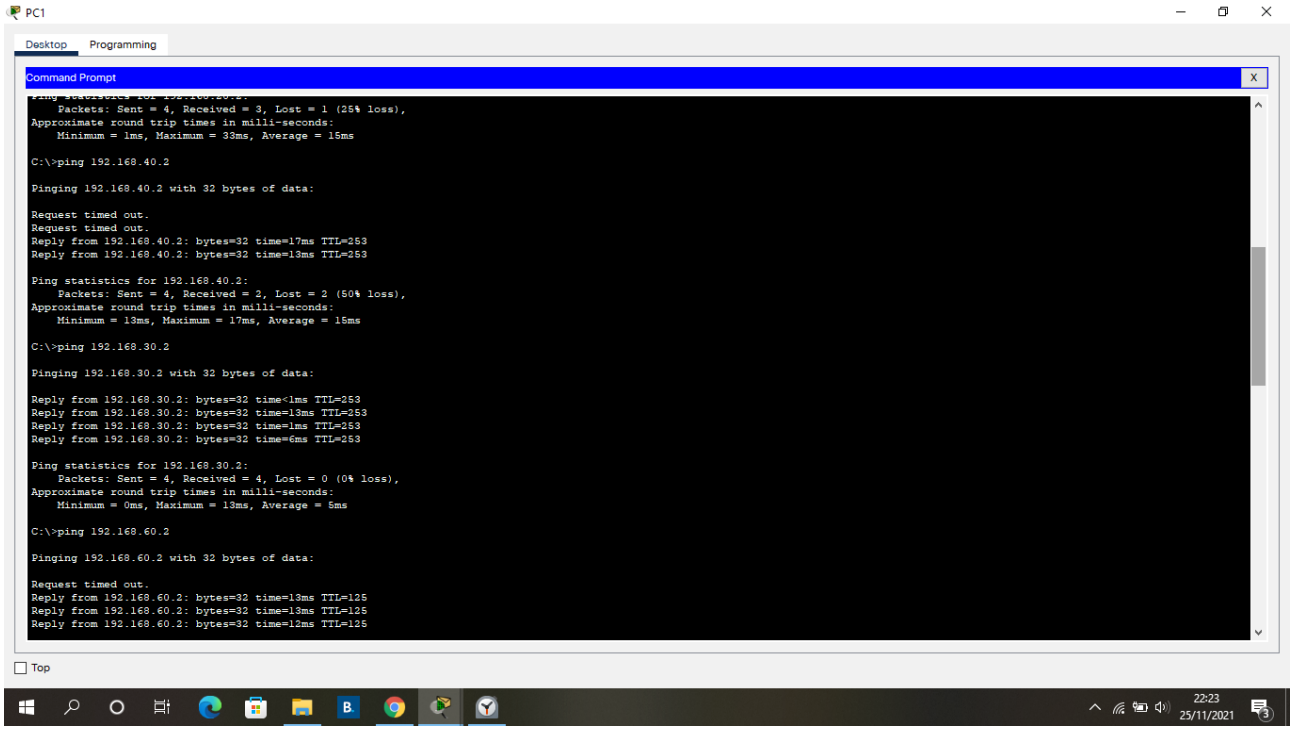
Desktop Programming

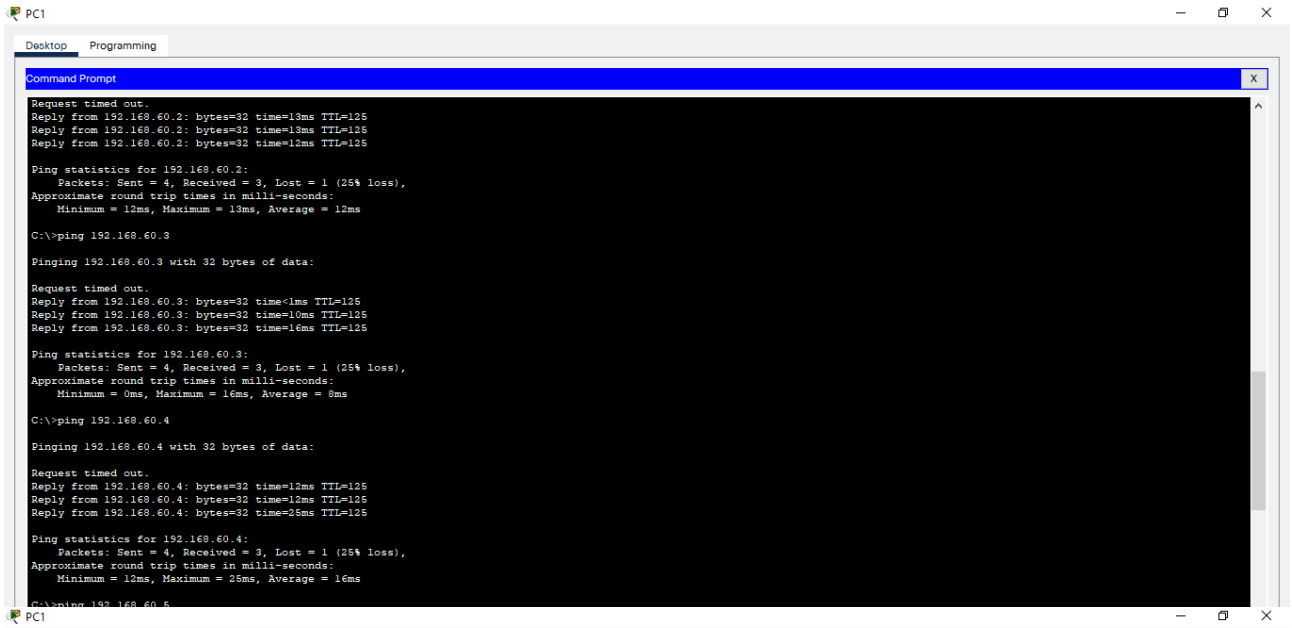
Command Prompt

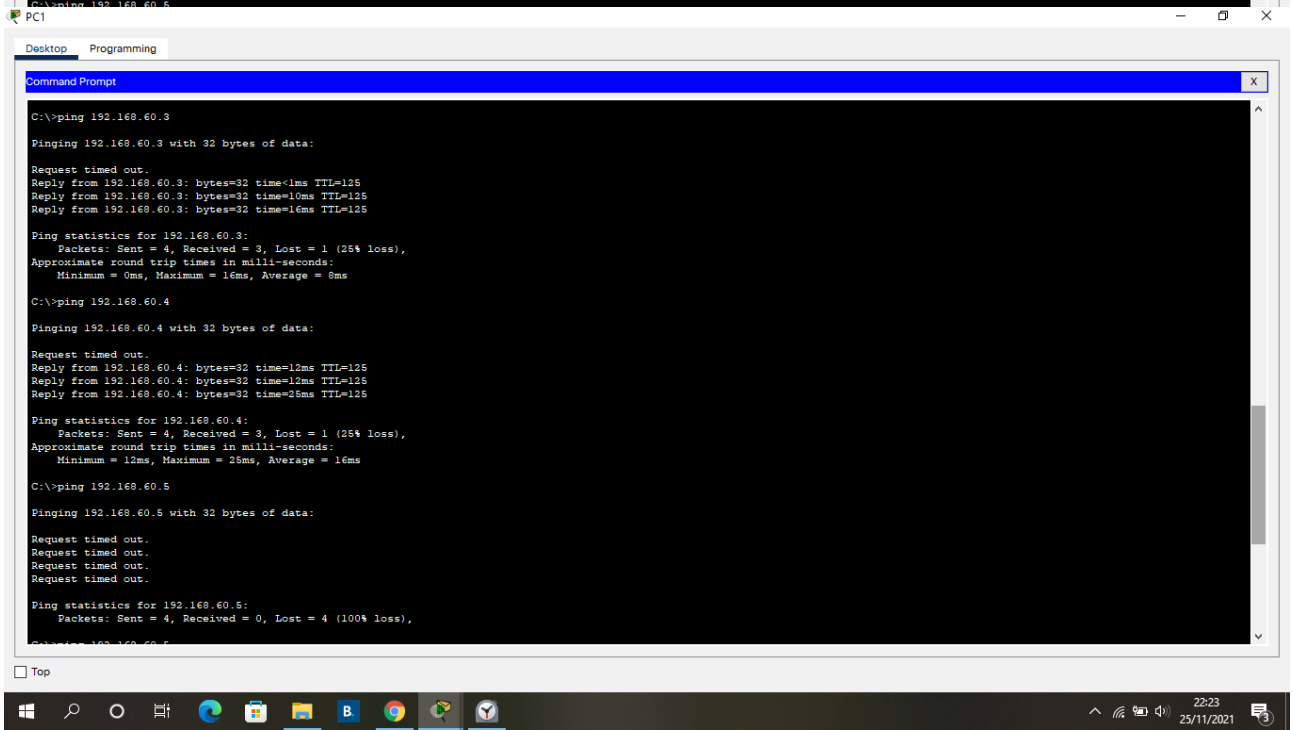
```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.50.1

Pinging 192.168.50.1 with 32 bytes of data:

Reply from 192.168.50.1: bytes=32 time=996ms TTL=255
Reply from 192.168.50.1: bytes=32 time<1ms TTL=255
Reply from 192.168.50.1: bytes=32 time<1ms TTL=255
Reply from 192.168.50.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.50.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 996ms, Average = 249ms

C:\>ping 192.168.10.2

Pinging 192.168.10.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.10.2: bytes=32 time=3ms TTL=254
Reply from 192.168.10.2: bytes=32 time=43ms TTL=254
Reply from 192.168.10.2: bytes=32 time=13ms TTL=254

Ping statistics for 192.168.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 3ms, Maximum = 43ms, Average = 19ms

C:\>ping 192.168.20.2

Pinging 192.168.20.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.20.2: bytes=32 time=1ms TTL=254
Reply from 192.168.20.2: bytes=32 time=33ms TTL=254
Reply from 192.168.20.2: bytes=32 time=13ms TTL=254

Ping statistics for 192.168.20.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
```

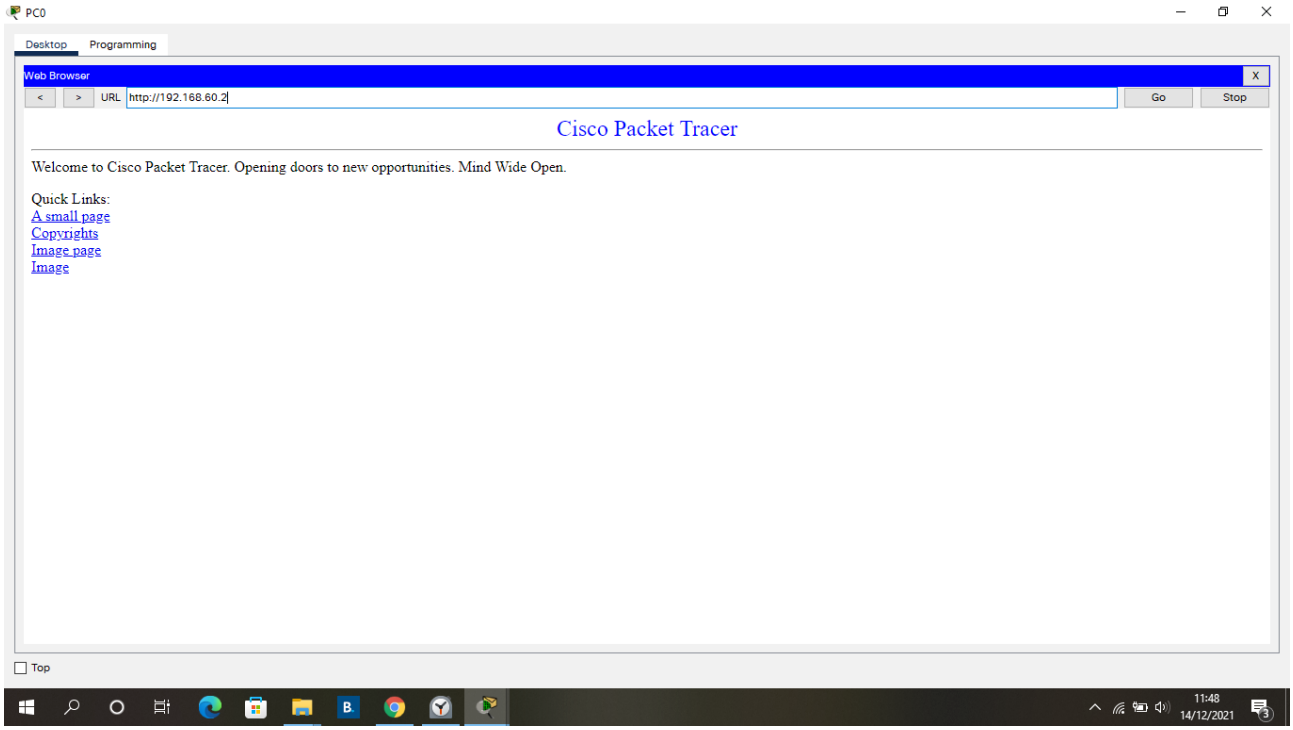
Top

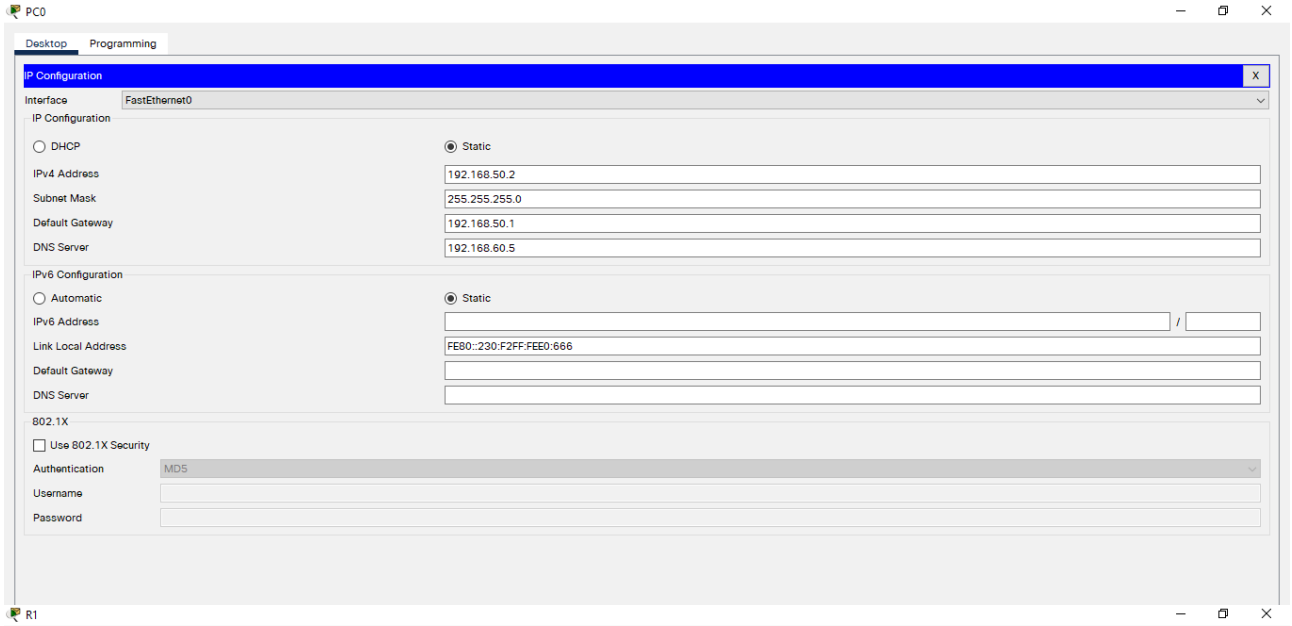


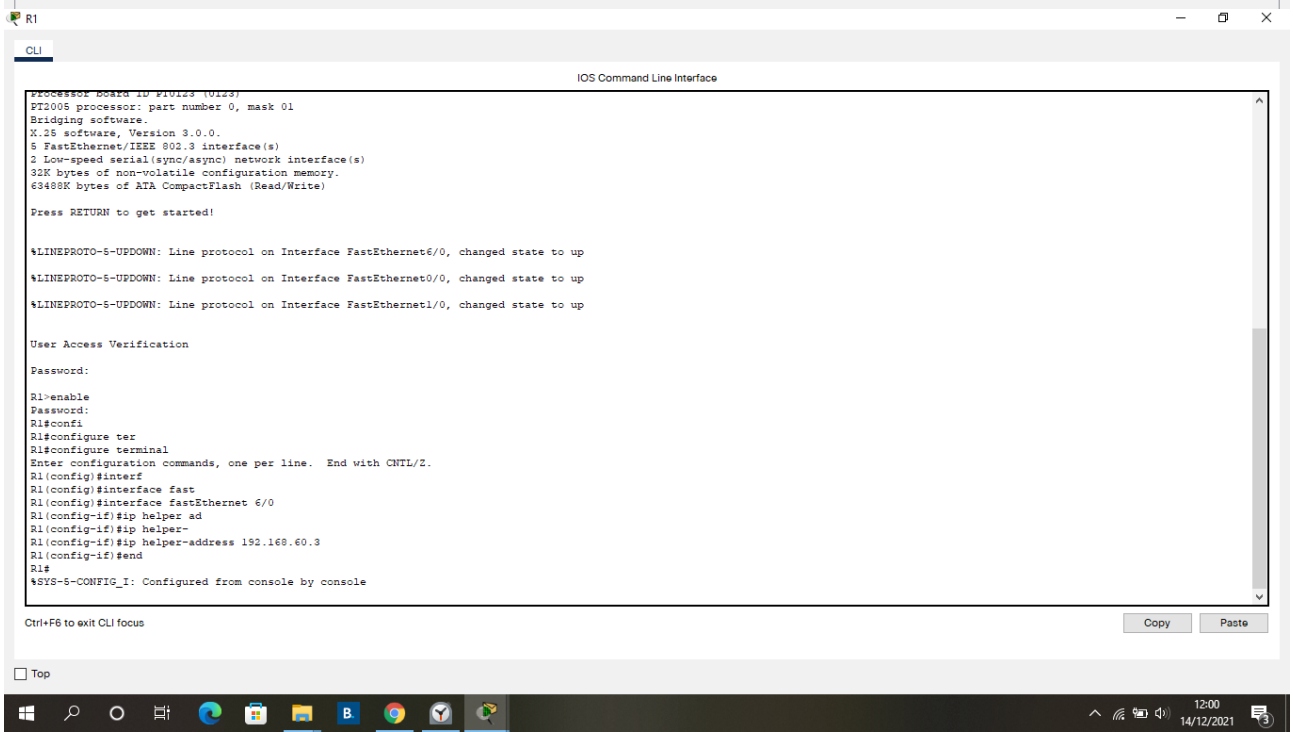

PC1
Desktop
Programming
Command Prompt
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 33ms, Average = 15ms
C:\>ping 192.168.40.2
Pinging 192.168.40.2 with 32 bytes of data:
Request timed out.
Request timed out.
Reply from 192.168.40.2: bytes=32 time=17ms TTL=253
Reply from 192.168.40.2: bytes=32 time=13ms TTL=253
Ping statistics for 192.168.40.2:
Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
Approximate round trip times in milli-seconds:
Minimum = 13ms, Maximum = 17ms, Average = 15ms
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=253
Reply from 192.168.30.2: bytes=32 time=13ms TTL=253
Reply from 192.168.30.2: bytes=32 time=1ms TTL=253
Reply from 192.168.30.2: bytes=32 time=6ms TTL=253
Ping statistics for 192.168.30.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 13ms, Average = 5ms
C:\>ping 192.168.60.2
Pinging 192.168.60.2 with 32 bytes of data:
Request timed out.
Reply from 192.168.60.2: bytes=32 time=13ms TTL=125
Reply from 192.168.60.2: bytes=32 time=13ms TTL=125
Reply from 192.168.60.2: bytes=32 time=12ms TTL=125
Top
22:23
25/11/2021

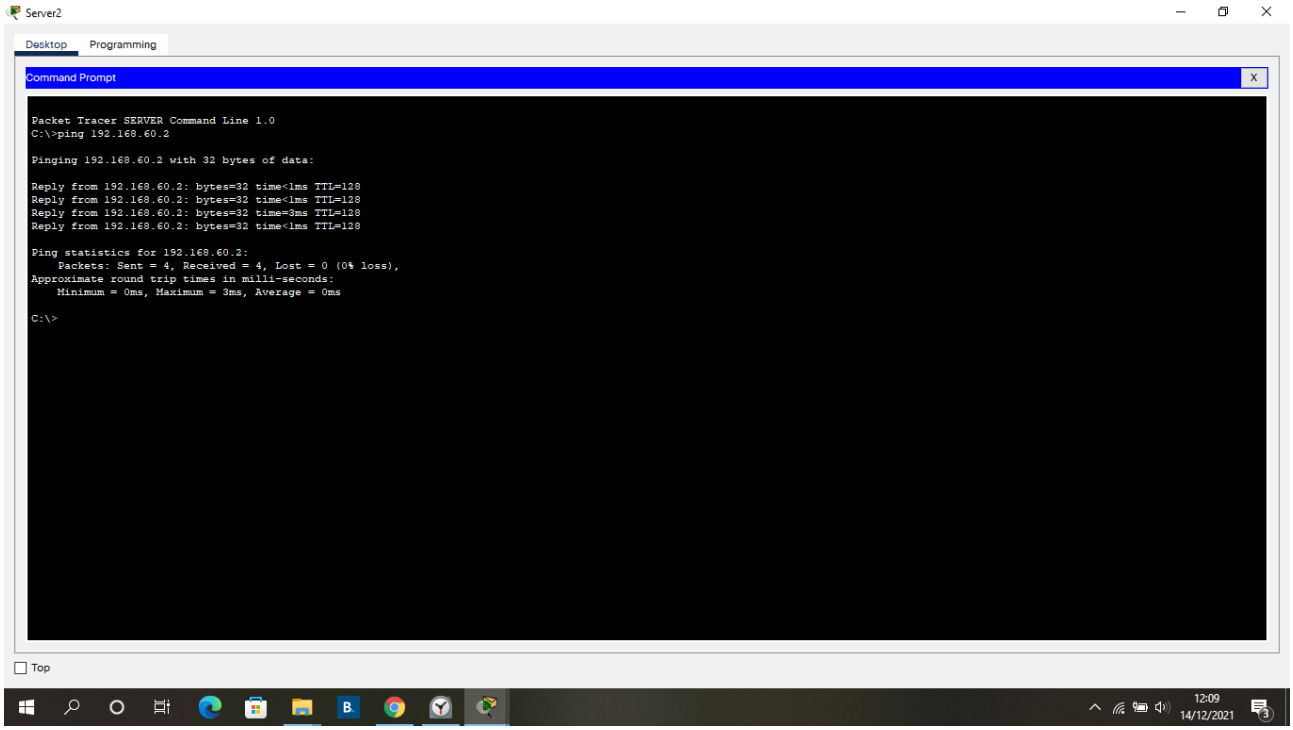

PC1
Desktop
Programming
Command Prompt
Request timed out.
Reply from 192.168.60.2: bytes=32 time=13ms TTL=125
Reply from 192.168.60.2: bytes=32 time=13ms TTL=125
Reply from 192.168.60.2: bytes=32 time=12ms TTL=125
Ping statistics for 192.168.60.2:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 12ms, Maximum = 13ms, Average = 12ms
C:\>ping 192.168.60.3
Pinging 192.168.60.3 with 32 bytes of data:
Request timed out.
Reply from 192.168.60.3: bytes=32 time<1ms TTL=125
Reply from 192.168.60.3: bytes=32 time=10ms TTL=125
Reply from 192.168.60.3: bytes=32 time=16ms TTL=125
Ping statistics for 192.168.60.3:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 16ms, Average = 8ms
C:\>ping 192.168.60.4
Pinging 192.168.60.4 with 32 bytes of data:
Request timed out.
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125
Reply from 192.168.60.4: bytes=32 time=25ms TTL=125
Ping statistics for 192.168.60.4:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 12ms, Maximum = 25ms, Average = 16ms


PC1
Desktop
Programming
Command Prompt
C:\>ping 192.168.60.3
Pinging 192.168.60.3 with 32 bytes of data:
Request timed out.
Reply from 192.168.60.3: bytes=32 time<1ms TTL=125
Reply from 192.168.60.3: bytes=32 time=10ms TTL=125
Reply from 192.168.60.3: bytes=32 time=16ms TTL=125
Ping statistics for 192.168.60.3:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 16ms, Average = 8ms
C:\>ping 192.168.60.4
Pinging 192.168.60.4 with 32 bytes of data:
Request timed out.
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125
Reply from 192.168.60.4: bytes=32 time=25ms TTL=125
Ping statistics for 192.168.60.4:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 12ms, Maximum = 25ms, Average = 16ms
C:\>ping 192.168.60.5
Pinging 192.168.60.5 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 192.168.60.5:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
Top
22:23
25/11/2021


PC0
Desktop
Programming
Web Browser
URL
http://192.168.60.2
Go
Stop
Cisco Packet Tracer
Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.
Quick Links:
A small page
Copyrights
Image page
Image
Top
11:48
14/12/2021


PC0
Desktop
Programming
IP Configuration
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
192.168.50.2
Subnet Mask
255.255.255.0
Default Gateway
192.168.50.1
DNS Server
192.168.60.5
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::230:F2FF:FEE0:666
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password


R1
CLI
IOS Command Line Interface
Processor board ID FTX123 (0123)
PT2005 processor: part number 0, mask 01
Bridging software.
X.25 software, Version 3.0.0.
5 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)
Press RETURN to get started!
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet6/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
User Access Verification
Password:
R1>enable
Password:
R1#confi
R1#configure ter
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interf
R1(config)#interface fast
R1(config)#interface fastEthernet 6/0
R1(config-if)#ip helper ad
R1(config-if)#ip helper-
R1(config-if)#ip helper-address 192.168.60.3
R1(config-if)#end
R1#
%SYS-5-CONFIG_I: Configured from console by console
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
12:00
14/12/2021


Server2
Desktop
Programming
Command Prompt
X
Packet Tracer SERVER Command Line 1.0
C:\>ping 192.168.60.2
Pinging 192.168.60.2 with 32 bytes of data:
Reply from 192.168.60.2: bytes=32 time<1ms TTL=128
Reply from 192.168.60.2: bytes=32 time<1ms TTL=128
Reply from 192.168.60.2: bytes=32 time=3ms TTL=128
Reply from 192.168.60.2: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.60.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 0ms
C:\>
Top
12:09
14/12/2021