

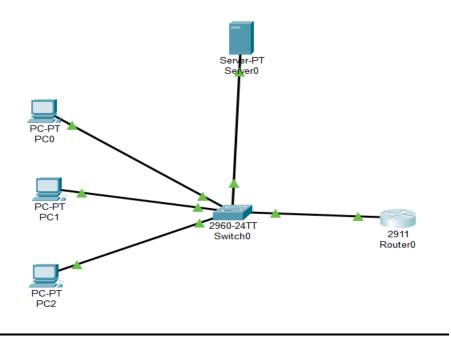
2024-2025 BAHAR DÖNEMİ BİLGİSAYAR AĞLARI ÖDEV 5

REŞİDE ALTUN 22100011028

ALPEREN EROĞLU

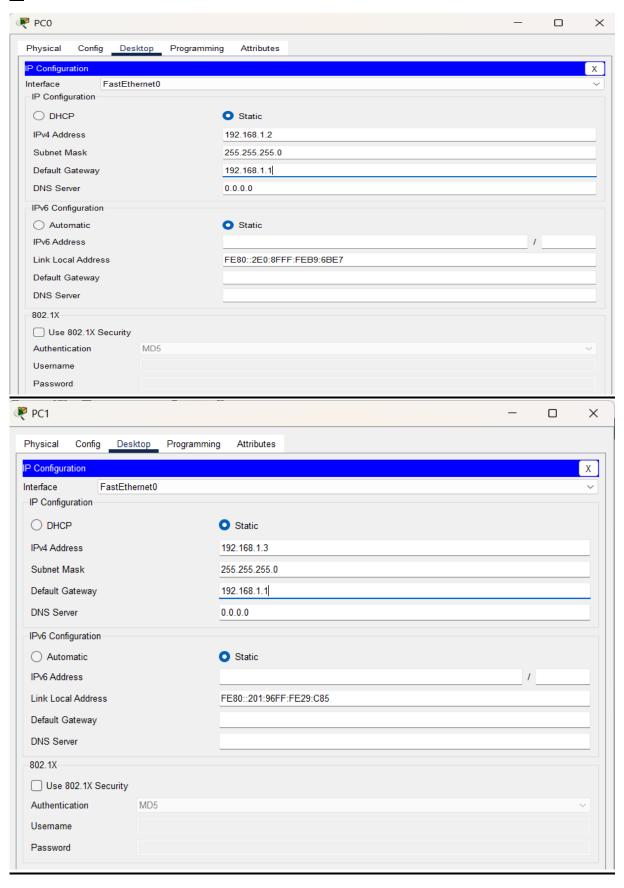
NETWORK - 1 (192.168.1.0/24)

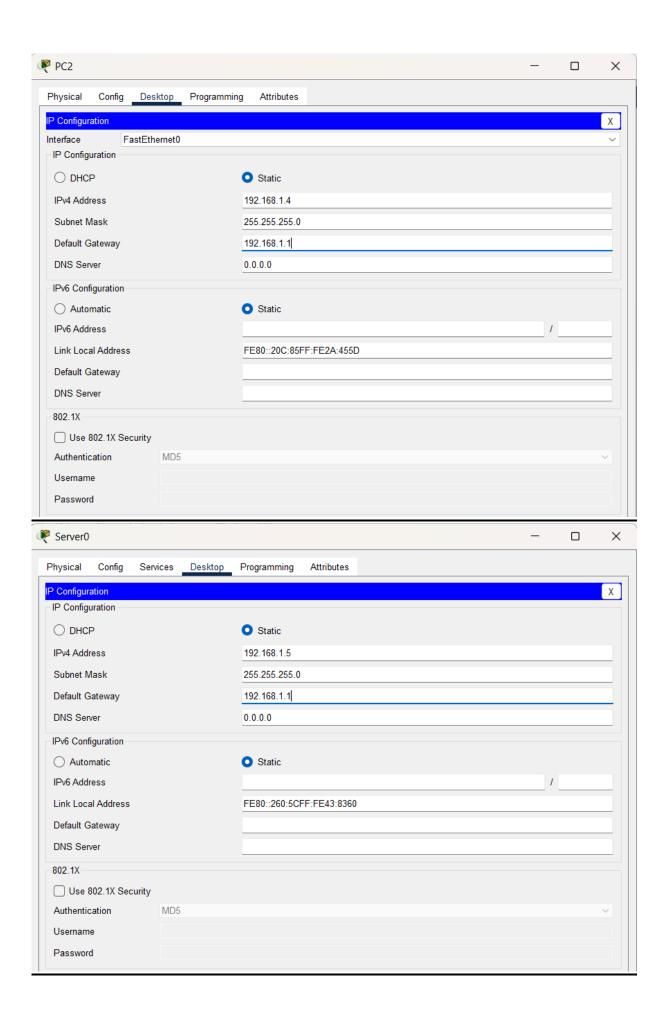
<u>1.</u>



2.

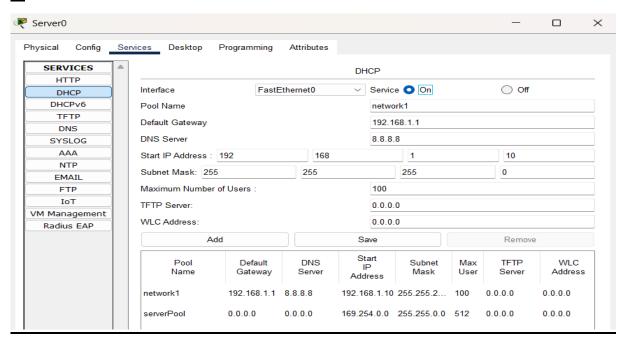
```
Router0
                                                                                                                              \times
             Config CLI Attributes
 Physical
                                                        IOS Command Line Interface
  Router#configure terminal
  Router(configuration commands, one per line. End with CNTL/Z. Router(config) #interface gigabitEthernet 0/0 Router(config-if) #no shutdown
  Router(config-if)#
  %LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up
  %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up
  Router(config-if) #enable
  % Invalid input detected at '^' marker.
  Router(config-if) #enable
  % Invalid input detected at '^' marker.
  Router(config-if) #exit
  Router (config) #exit
  %SYS-5-CONFIG_I: Configured from console by console
  enable
  Router#enable
  Router#configure terminal
  Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface gigabitEthernet 0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
  Router (config) #exit
  Router#
  SSYS-5-CONFIG_I: Configured from console by console
  Router#show ip interface brief
  Interface
                                IP-Address
                                                     OK? Method Status
                                                                                                 Protocol
  GigabitEthernet0/0
                                192.168.1.1
                                                      YES manual up
                                                     YES unset administratively down down
YES unset administratively down down
  GigabitEthernet0/1
                                unassigned
  GigabitEthernet0/2
                                unassigned
  Vlanl
                                unassigned
                                                                    administratively down down
  Router#
```

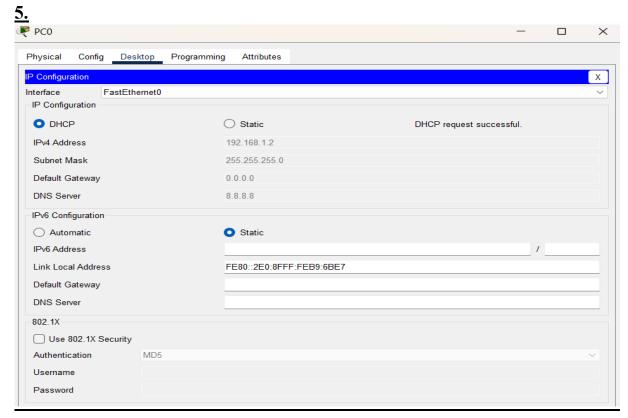


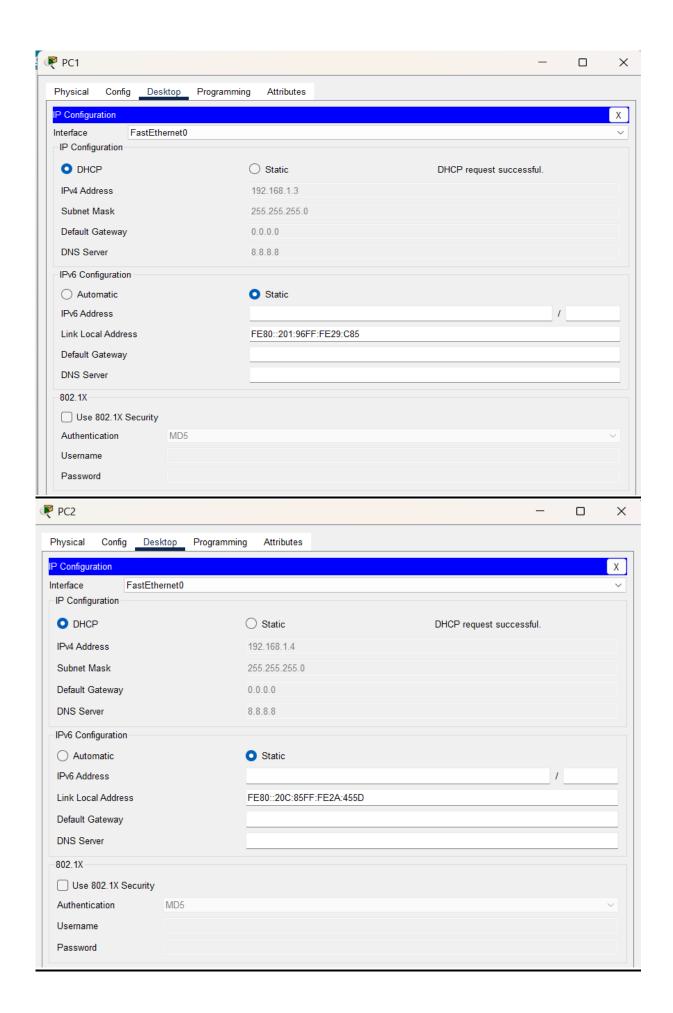


Cihaz	IP Address	Subnet Mask	Default Gateway
l PC0	192.168.1.2	255.255.255.0	192.168.1.1
	•	255.255.255.0	192.168.1.1
PC2	192.168.1.4	255.255.255.0	192.168.1.1
Server0	192.168.1.5	255.255.255.0	192.168.1.1
1 321 721 0	13211001113	2331233123310	1321100.1.1

<u>4.</u>

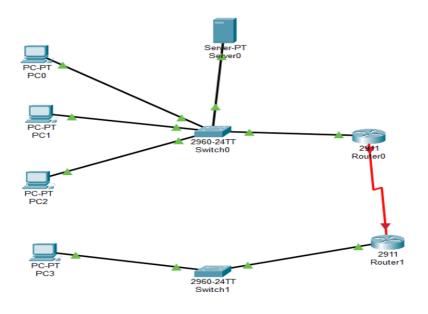




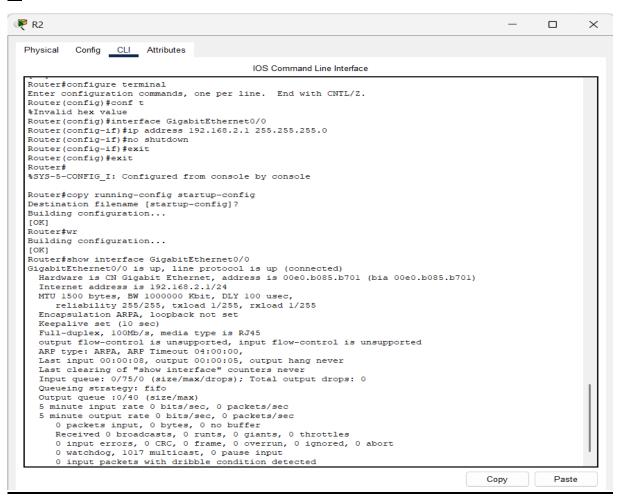


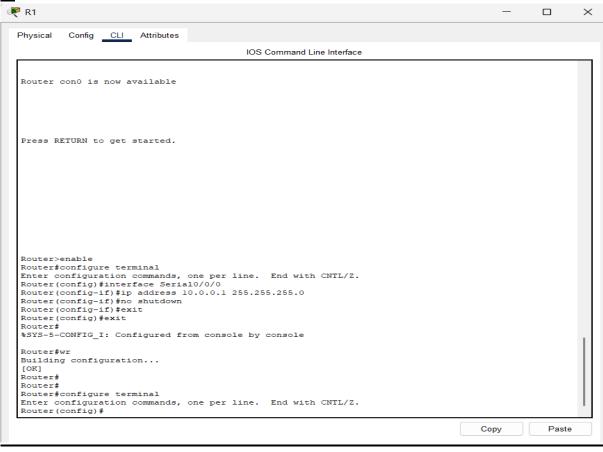
NETWORK – 2 (192.168.2.0/24)

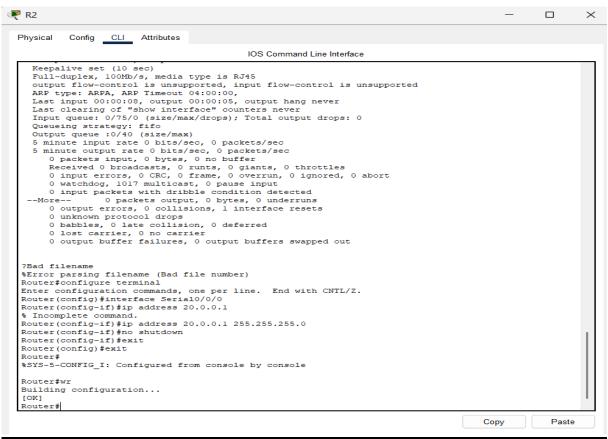
<u>6.</u>

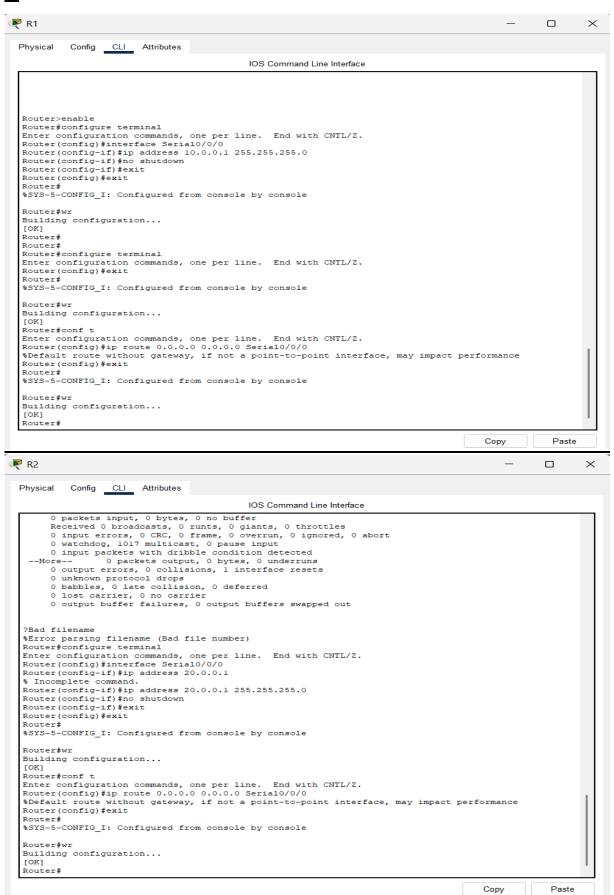


<u>7.</u>







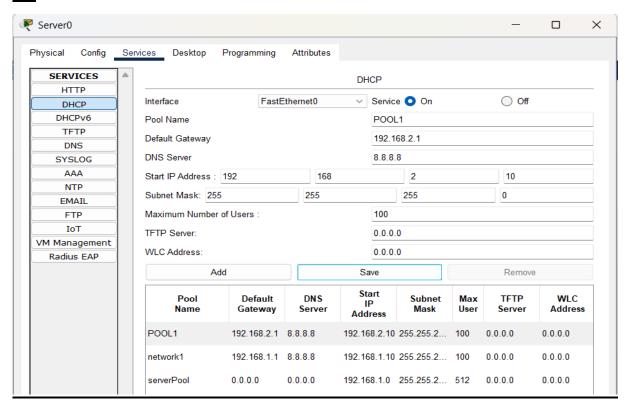


```
₽C3
```

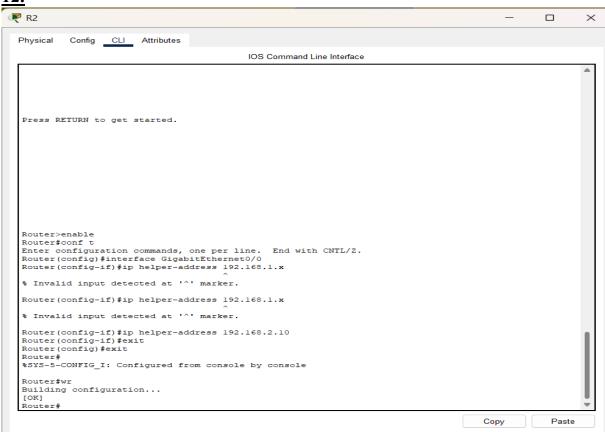
```
Physical
              Config
                       Desktop Programming
                                                     Attributes
  Command Prompt
  C:\>ping 192.168.1.2
  Pinging 192.168.1.2 with 32 bytes of data:
  Request timed out.
  Request timed out.
Request timed out.
  Request timed out.
  Ping statistics for 192.168.1.2:
        Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
  C:\>ping 192.168.1.2
  Pinging 192.168.1.2 with 32 bytes of data:
  Request timed out.
  Reply from 192.168.1.2: bytes=32 time=1ms TTL=126 Reply from 192.168.1.2: bytes=32 time=1ms TTL=126
  Reply from 192.168.1.2: bytes=32 time=13ms TTL=126
  Ping statistics for 192.168.1.2:
  Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
       Minimum = 1ms, Maximum = 13ms, Average = 5ms
  C:\>clear
Invalid Command.
  C:\>
  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=8ms TTL=126
  Reply from 192.168.1.2: bytes=32 time=8ms TTL=126
Reply from 192.168.1.2: bytes=32 time=1ms TTL=126
Reply from 192.168.1.2: bytes=32 time=1ms TTL=126
Reply from 192.168.1.2: bytes=32 time=1ms TTL=126
  Ping statistics for 192.168.1.2:
       Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 8ms, Average = 2ms
  C:\>
Тор
```

DHCP Relay Konfigürasyonu

11.



12.



<u>13.</u>

