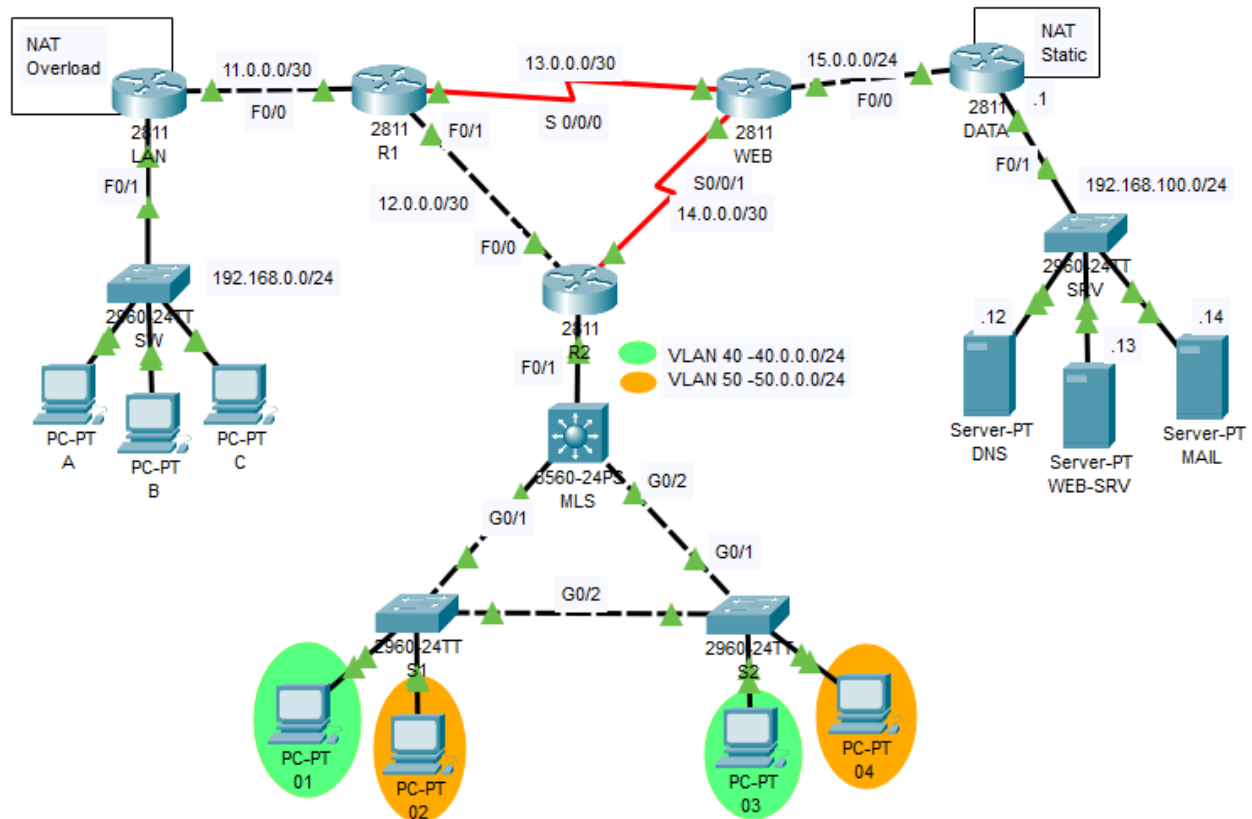


Goal. Use the provided PKT file and configure the following:

1. Dynamic NAT on router "LAN"
2. Static NAT on router "DATA"
3. Test

EIGRP is configured to advertise all networks except the private ones, 192.168.0.0/24 and 192.168.100.0/24.



1. Dynamic NAT

Access List

```
LAN(config)#ip access-list stan 1
LAN(config-std-nacl)#permit 192.168.0.0 0.0.0.255
```

NAT command

```
LAN(config)#ip nat inside source list 1 interface FastEthernet 0/0
overload
```

Interfaces

```
LAN(config)#interface FastEthernet 0/0
LAN(config-if)#ip nat outside
```

```
LAN(config)#interface FastEthernet 0/1
LAN(config-if)#ip nat inside
```

2. Static NAT

Static NAT mappings

```
DAT(config)#ip nat inside source static 192.168.100.1 15.0.0.11
DAT(config)#ip nat inside source static 192.168.100.12 15.0.0.12
DAT(config)#ip nat inside source static 192.168.100.13 15.0.0.13
DAT(config)#ip nat inside source static 192.168.100.14 15.0.0.14
```

Interfaces

```
DAT(config)#interface FastEthernet 0/0
DAT(config-if)#ip nat outside
```

```
DAT(config)#interface FastEthernet 0/1
DAT(config-if)#ip nat inside
```

3. Test

You will not be able to ping the servers' private IPs. Instead, try to ping via Command Prompt from one of the LAN PCs on the left, targeting a public IP of one of the servers.

For example, you can open PC A's Command Prompt ('Desktop' tab -> Command Prompt) and type "ping 15.0.0.12. Expect that the first few pings will fail. Once the ping is successful, try the Simulation mode.