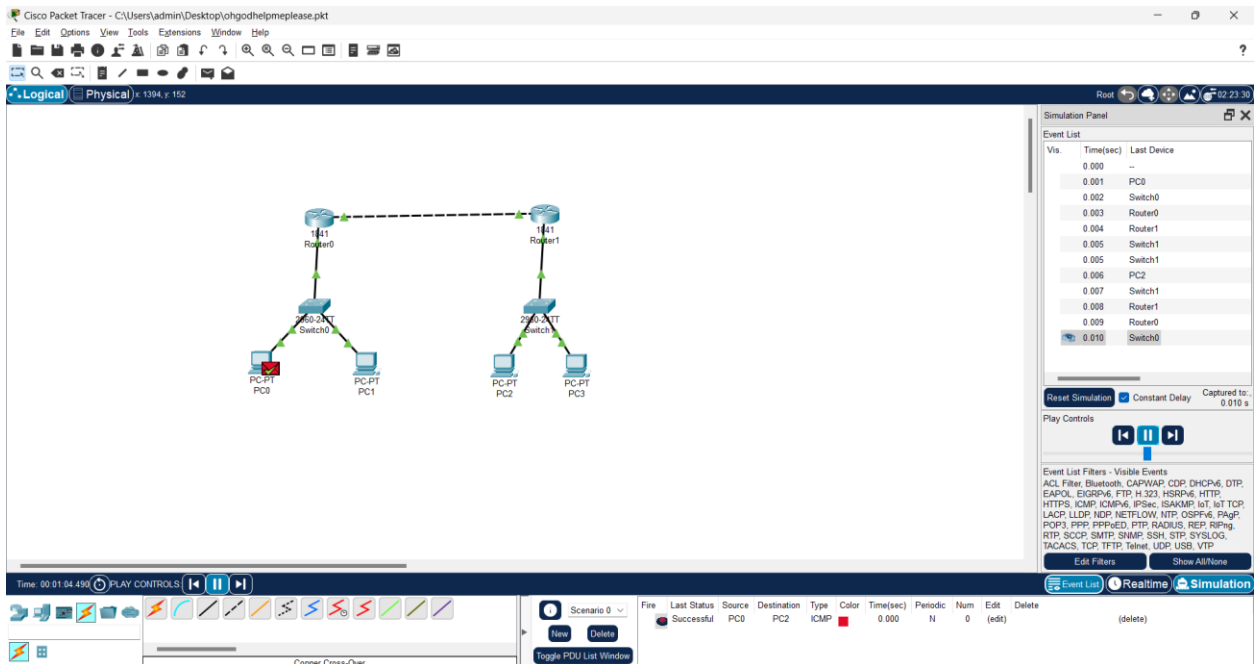# CN Lab: Week 1

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SRN: PES2UG23CS485
Section: H

Task 1:

PC & Router Configurations:

PC0:

      IP: 192.168.1.2

      Gateway: 192.168.1.2

PC1:

    IP: 192.168.1.3

    Gateway: 192.168.1.4

PC2:

    IP: 192.168.2.2

    Gateway: 192.168.2.4

PC3:

    IP: 192.168.2.3

    Gateway: 192.168.2.4

Router0:

    Static Routes: 192.168.2.0/24 via 192.168.3.3

    FastEthernet0/0: 192.168.1.4

    FastEthernet0/1: 192.168.3.2

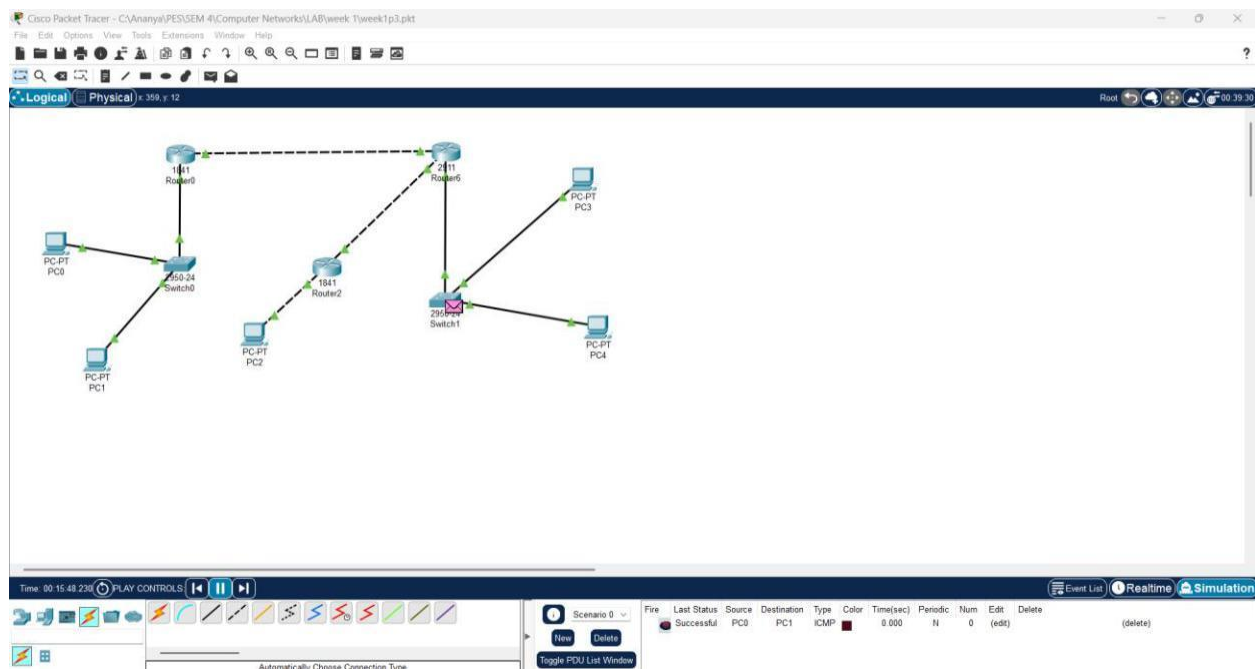Router1:

    Static Routes: 192.168.1.0/24 via 192.168.3.2

    FastEthernet0/0: 192.168.2.4

    FastEthernet0/1: 192.168.3.3

Router Configuration Table:

Router	Network	Next Hop
Router0	192.168.2.0	192.168.3.3
Router1	192.168.1.0	192.168.3.2

Task 2:

PC & Router Configurations:

PC0:

IP: 1.1.1.2

Gateway: 1.1.1.1

PC1:

IP: 1.1.1.3

Gateway: 1.1.1.1

PC2:

IP: 6.6.6.2

Gateway: 6.6.6.1

PC3:

    IP: 2.2.2.2

    Gateway: 2.2.2.1

PC4:

    IP: 2.2.2.3

    Gateway: 2.2.2.1

Router2:

    Static Routes: 2.0.0.0/8 via 5.5.5.8

                     3.0.0.0/8 via 5.5.5.8

    FastEthernet0/0: 5.5.5.2

    FastEthernet0/1: 6.6.6.2

Router0:

    Static Routes: 5.0.0.0/8 via 3.3.3.2

                    2.0.0.0/8 via 3.3.3.2

    FastEthernet0/0: 1.1.1.1

    FastEthernet0/1: 3.3.3.1

Router 6:

Static Routes: 1.0.0.0/8 via 3.3.3.1

6.0.0.0/8 via 3.3.3.1

GigabitEthernet0/0: 3.3.3.2

GigabitEthernet0/1: 5.5.5.2

GigabitEthernet0/2: 2.2.2.1

Router Configuration Table:

Router	Network	Next Hop
Router0	5.0.0.0	3.3.3.2
Router0	2.0.0.0	3.3.3.2
Router2	2.0.0.0	5.5.5.8
Router2	3.0.0.0	5.5.5.8
Router6	1.0.0.0	3.3.3.1
Router6	6.0.0.0	3.3.3.1