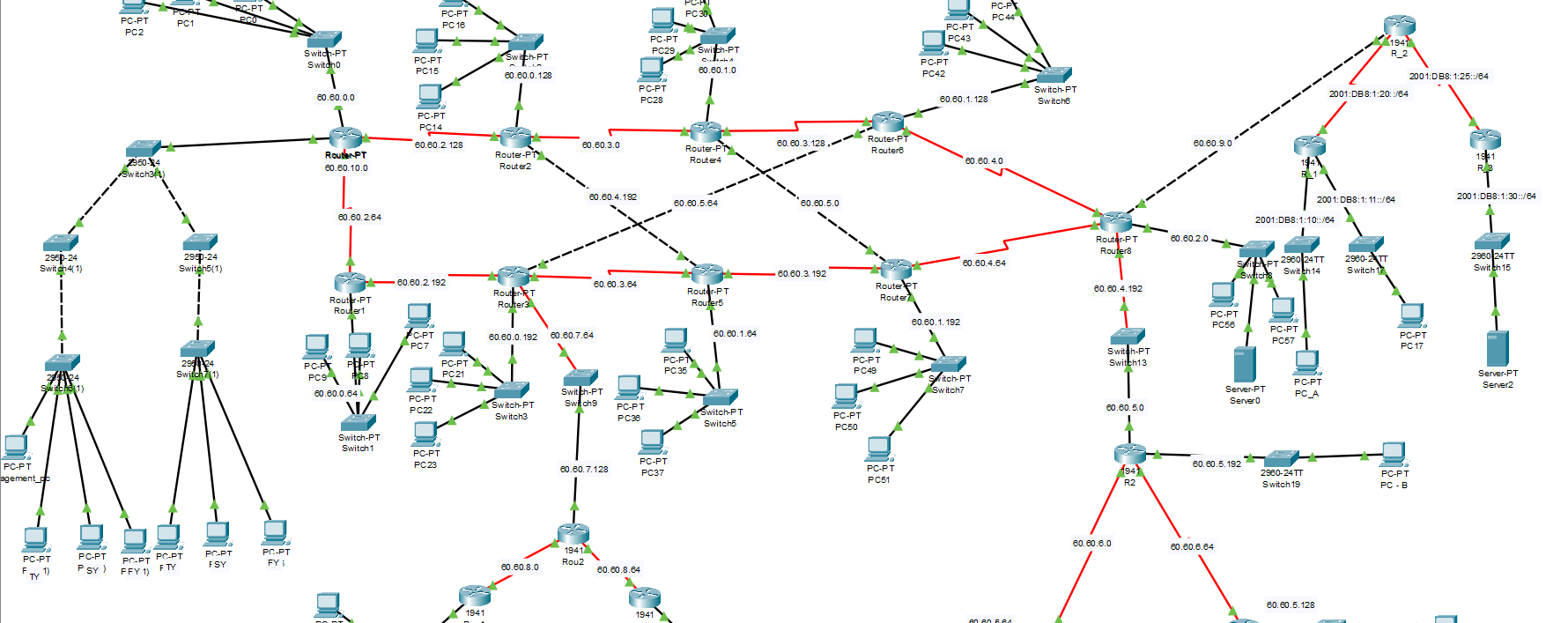
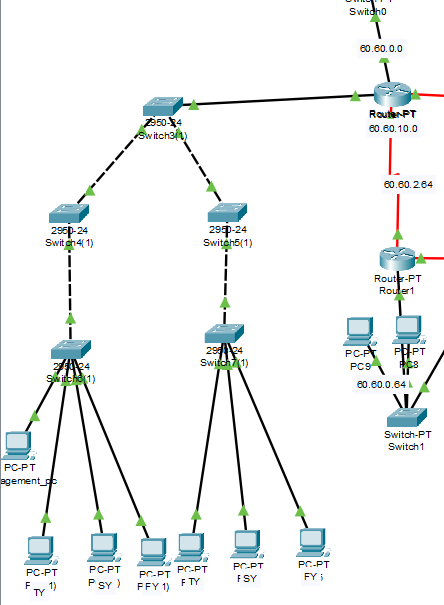
**PRACTICAL 8**

**Layer 2 VLAN Security**

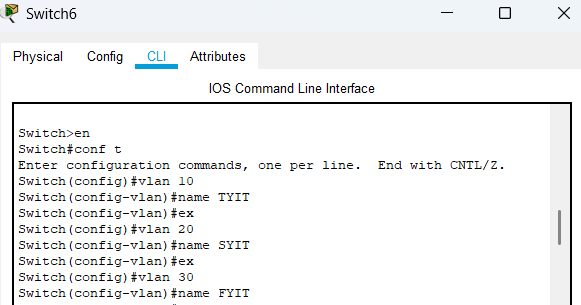
**Structure:**



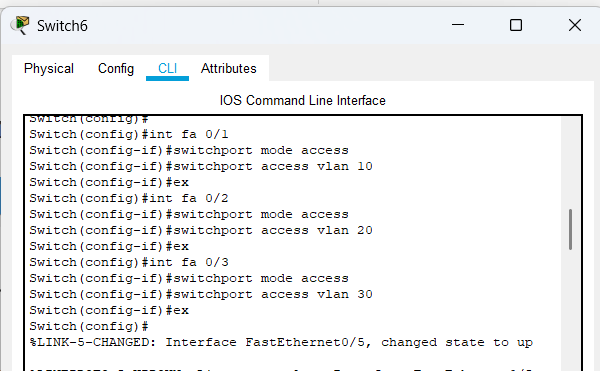


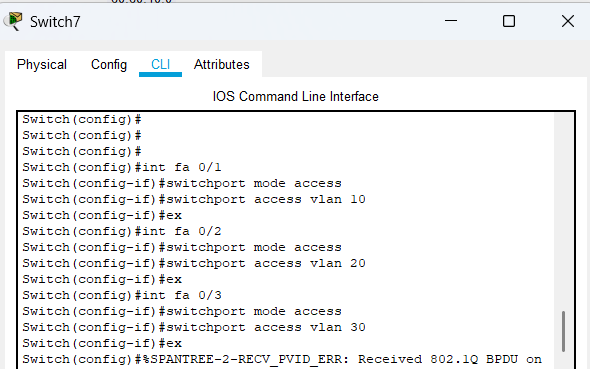
**1)Configuring VLAN:**

**Creating a VLAN(Creation of VLAN should be performed for all the switches):**

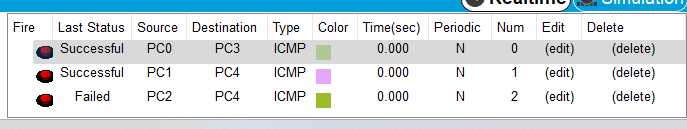


**2)Accessing the VLAN(accessing should be specified for all the switches):**





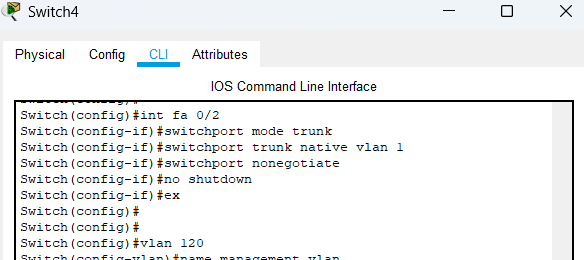
**3) Verify Connectivity**



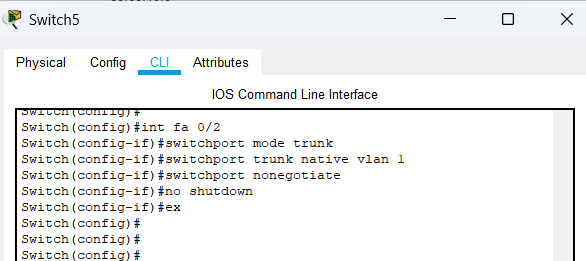
**2: Create a Redundant Link-(Links should be created for all the switches)**

**Between Switch4 and Switch5**

**Switch4:**

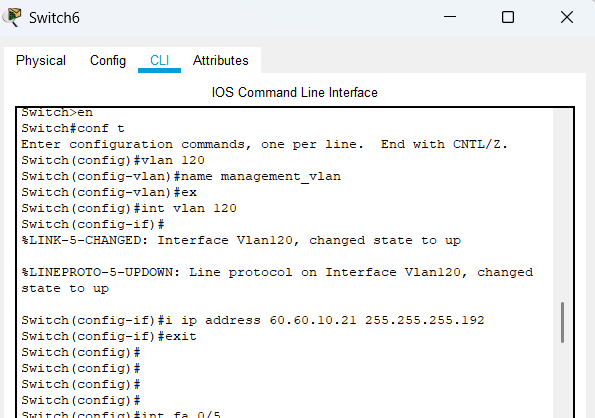


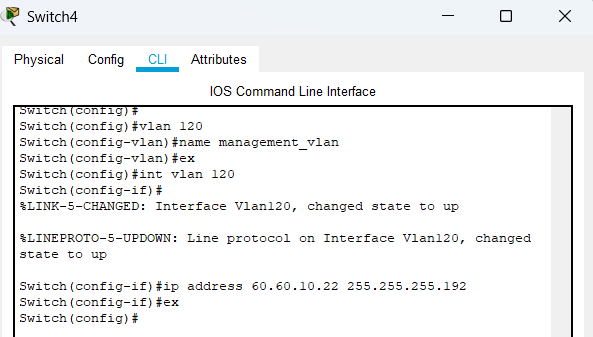
**Switch5:**

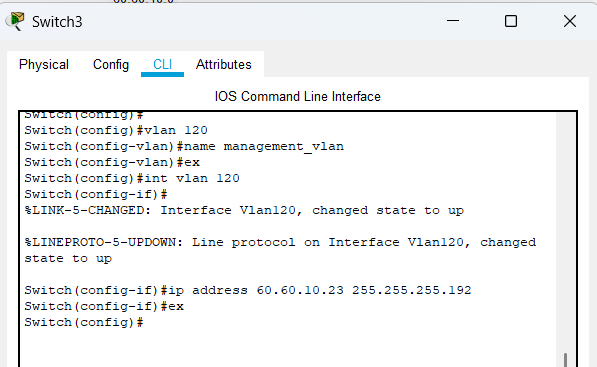


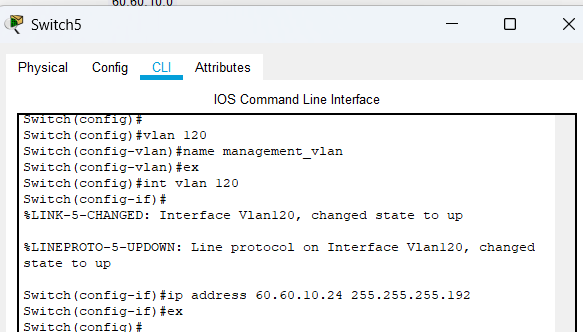
**3: Enable VLAN 20 as a Management VLAN**

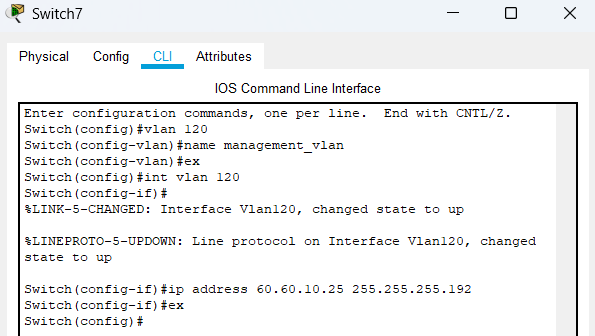
**1)Configure-(Creating management vlan 20 for all switches and assigning ip address to that interface) and Access-**



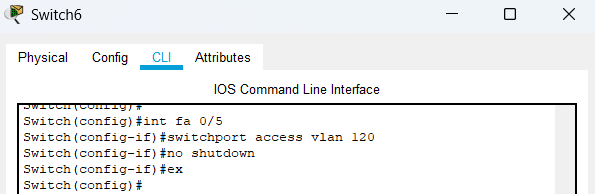




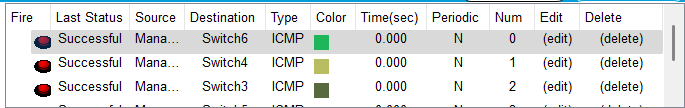




**2)Access-**

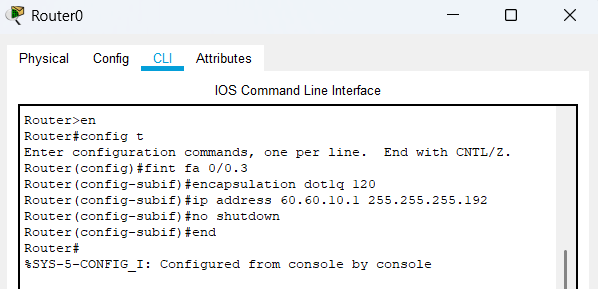


**3)Test-**

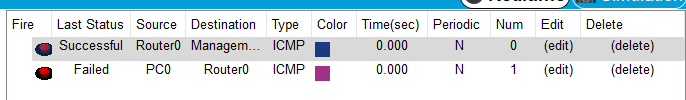


**4: Enable the Management PC to Access Router R5-**

**Set Encapsulation and assign ip address-**

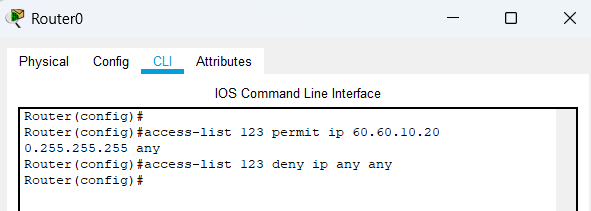


**Verify -**



**Enabling Security**

**Using ACL-**



**Verify-**

