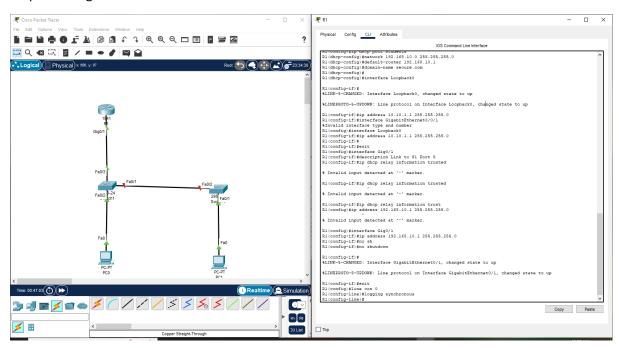
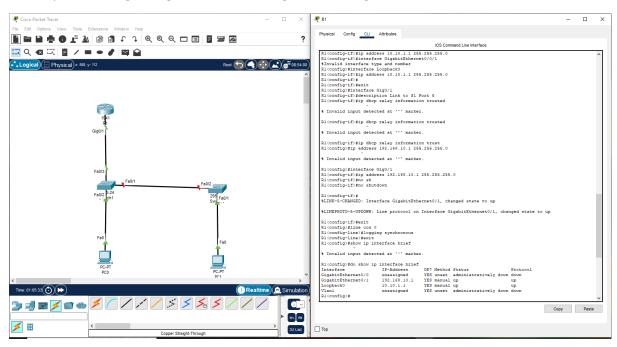
## Packet Tracer Lab: Switch Security Configuration

Step 1: Cable the network.

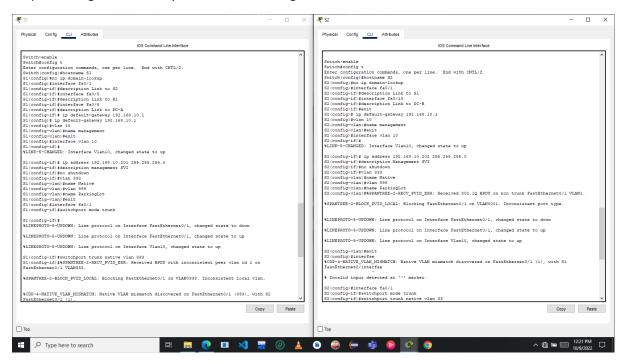
Step 2: Configure R1.



2. Verify the running-configuration on R1 using the following command:

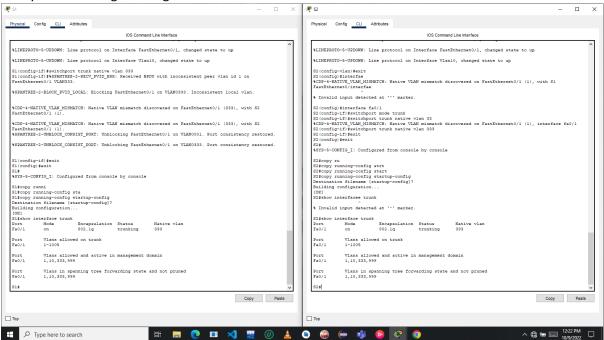


Step 3: Configure and verify basic switch settings.



- Part 2: Configure VLANs on Switches.
- Part 3: Configure Switch Security.
- Step 1: Implement 802.1Q trunking.

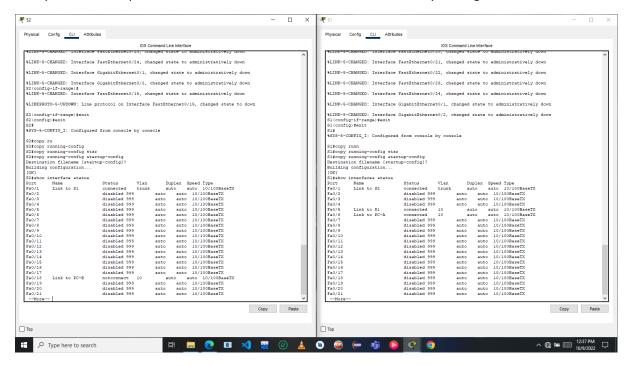
Verify that trunking is configured on both switches.



## Step 2: Configure access ports.

## Step 3: Secure and disable unused switchports.

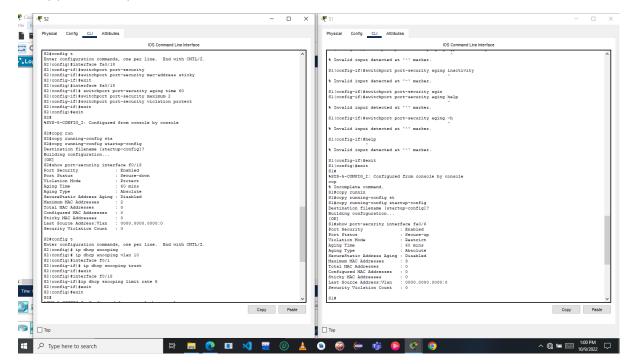
Verify that unused ports are disabled and associated with VLAN 999 by issuing the show command.



Step 4: Document and implement port security features.

Verify port security on S1 F0/6.

Verify port security on S2 F0/18

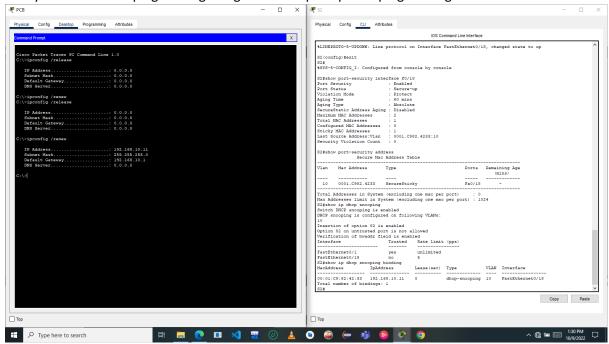


Step 5: Implement DHCP snooping security.

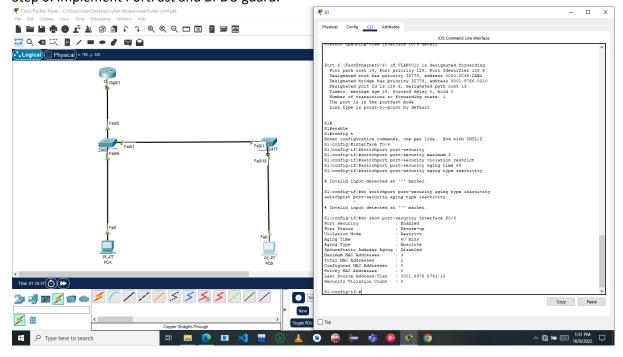
Verify DHCP Snooping on S2.

From the command prompt on PC-B, release and then renew the IP address.

Verify the DHCP snooping binding using the show ip dhcp snooping binding command.



Step 6: Implement PortFast and BPDU guard.



Step 7: Verify end-to-end connectivity.

