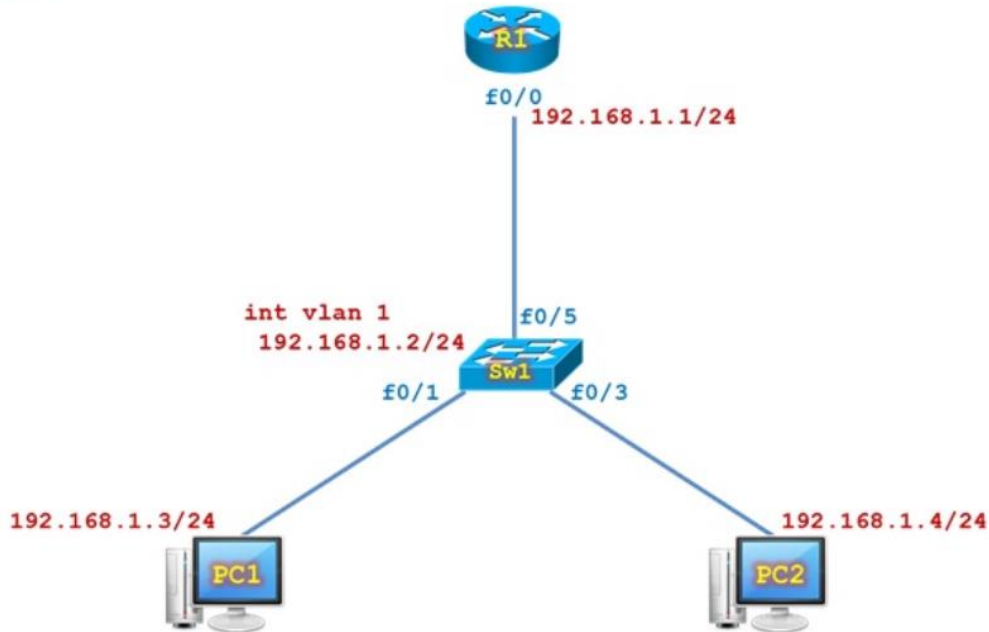


Lab 5

Part 1. Basic configuration on Cisco Router, Switch

Topology:



Requirements:

1. Connect devices according to the network diagram.
2. Connect PC1's console cable to R1, and PC2's console cable to Sw1.
3. Set IP for PC1 to IP address 192.168.1.3/24 with default-gateway as R1's IP, and set IP for PC2 to IP address 192.168.1.4/24 with default-gateway as R1's IP.
4. Set the router's hostname to R1, and the switch's hostname to Sw1.
5. Configure the enable password for R1 to be 123; configure the enable password for Sw1 to be abc.
6. Configure the console password on R1 to be 123456. Configure the console password for Sw1 to be abcdef.
7. Check the enable and console password in the running-config configuration file.
8. Enable password encryption in the running-config.

9. Set the IP on port f0/0 of R1 The IP address is 192.168.1.1 and subnet mask is :
255.255.255.0.
10. Set IP on VLAN 1 interface of Sw1 IP address is 192.168.1.2
11. Save the configuration you just made and restart the device.
12. Check the mac address-table switch on the Sw1
13. Check arp cache table on devices