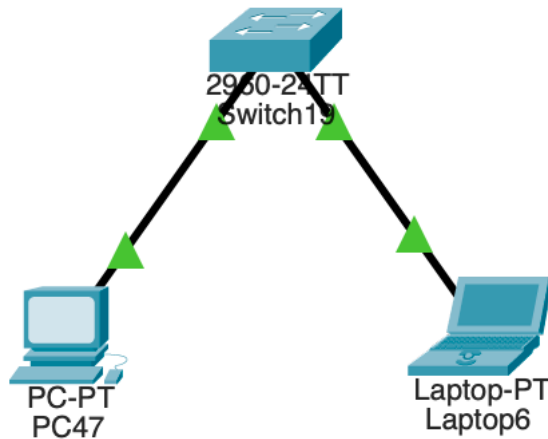


## USING A SWITCH ONLY



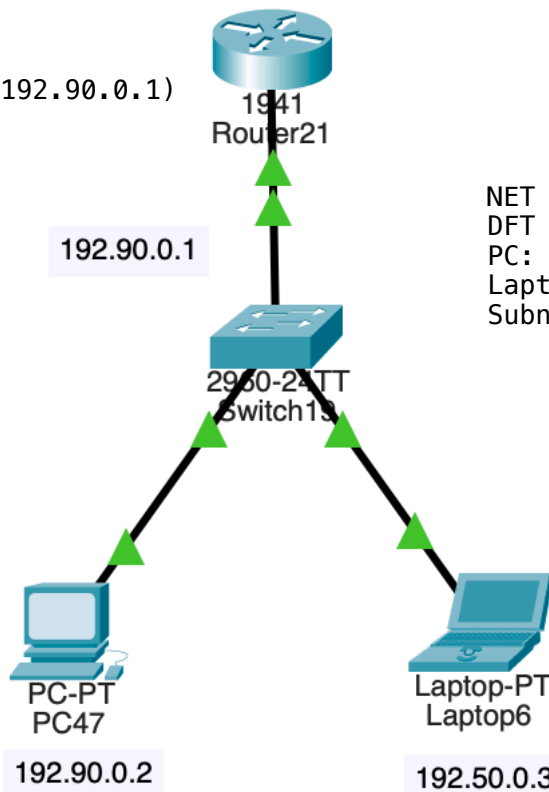
Switch is a multiport device that uses a MAC addresses to forward data at the data link layer of the OSI model.

---

## USING A SWITCH & ROUTER (CPT) LAN CREATION

### - Setting up the router.

- Router
- Conf
- G-Ethernet0/0(DFT G: 192.90.0.1)
- Turn ON.



NET ID: 192.90.0.0/24  
DFT G.: 192.90.0.1/24  
PC: 192.90.0.2/24  
Laptop : 192.50.0.3/24  
Subnet : 255.255.255.0

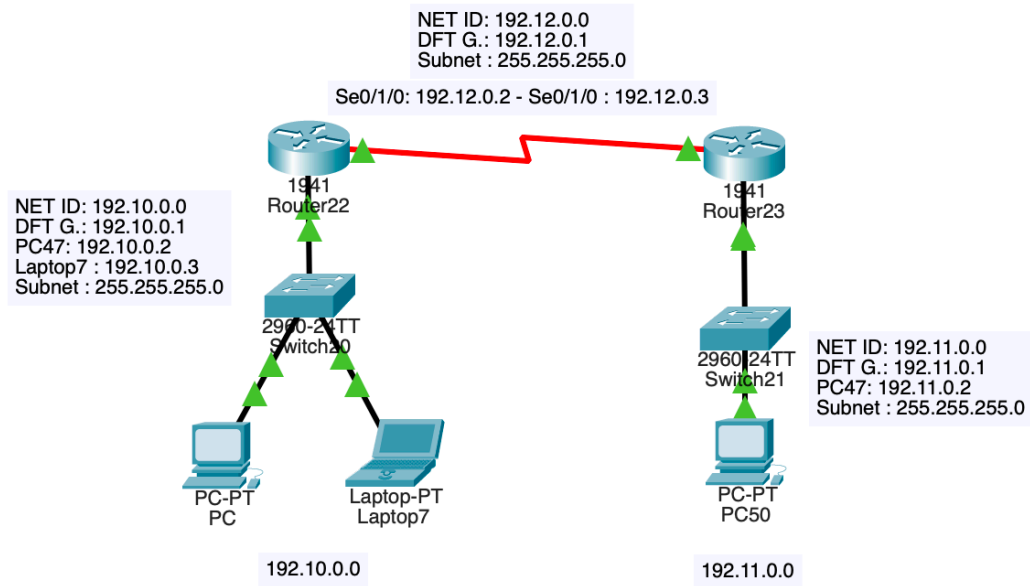
### - Setting up PC

- PC
- Desk
- IP Conf

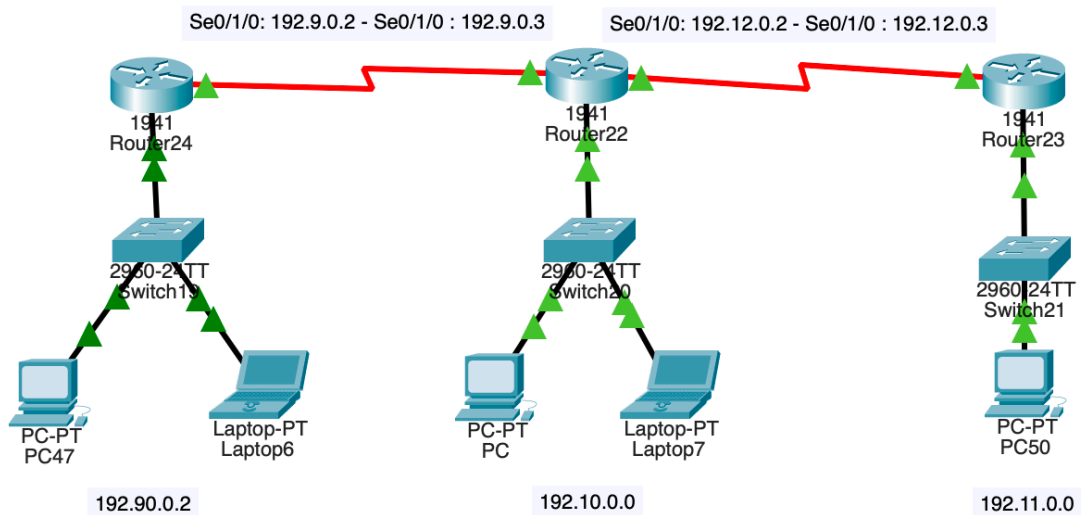
### - Setting up Laptop

- Laptop6
- Desk
- IP Conf

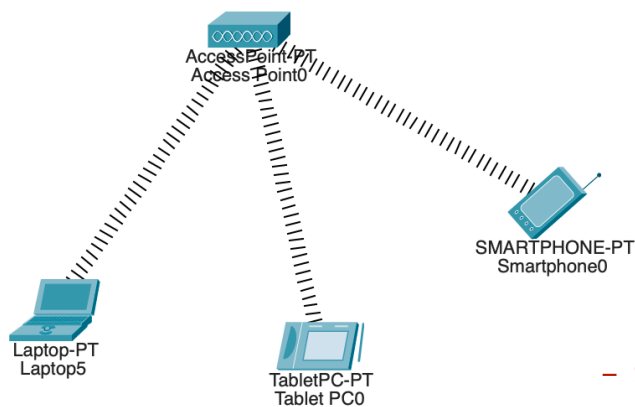
## WAN CREATION (CPT)



## CREATING A WIDEN WAN (CPT)



## WIRELESS ACCESS POINT (CPT)

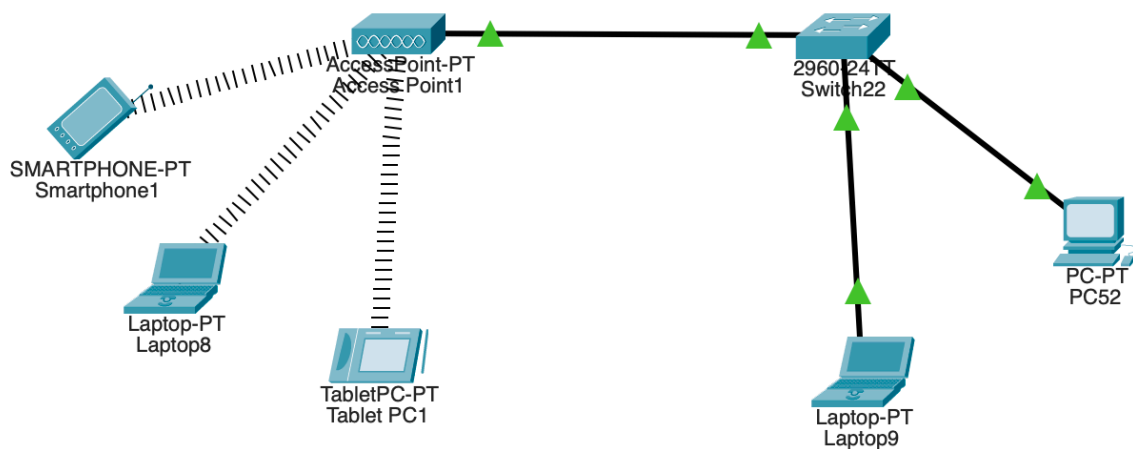


- Setting up the PCs/Laptops.
  - PCs/Laptops - Physical
  - Turn off
  - Change Module to WPS300N
  - Desktop
  - Wireless PC
  - Enter Password
  - Set IP Address

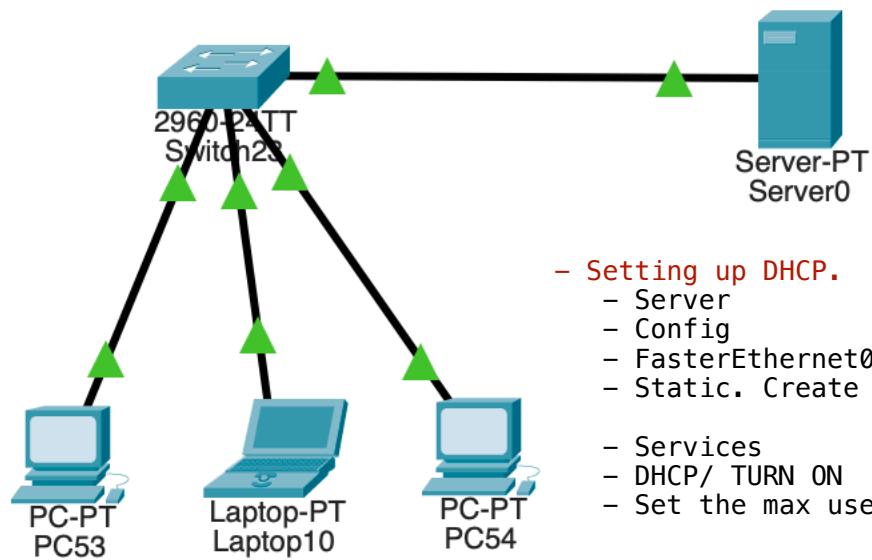
- Setting up the Wireless Access Point.
  - Access Point
  - Port 1
  - SSID(name)
  - WPA2-PSK(Password)

- Setting up Smartphones/Tablets.
  - Smartphones/Tablets
  - Config
  - Wireless name - SSID(Name)
  - WPA2-PSK(Password)
  - Set IP Address

## CONNECTING THE WIRELESS ACCESS POINT (CPT)



## SETTING UP A DHCP (CPT)



Turning ON DHCP TO ALL Hosts

## WAN CONNECTION

