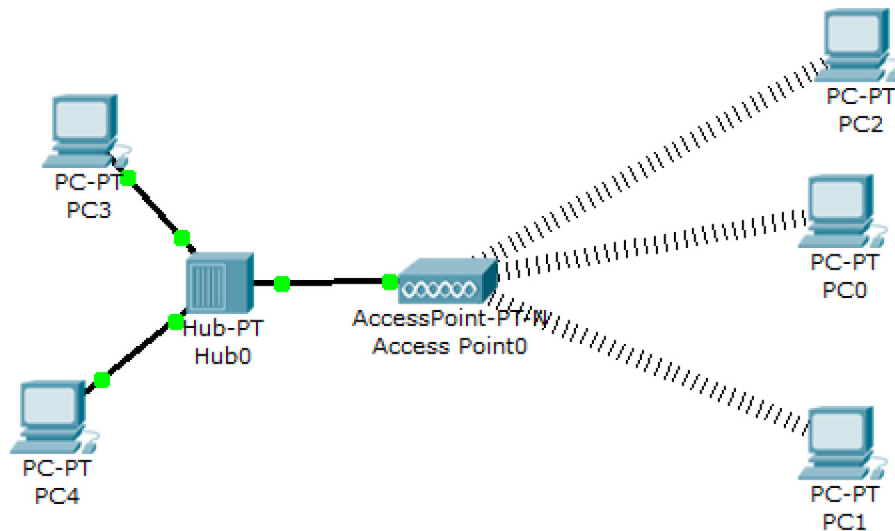


## Network I Lab 07

### Extending Ethernet LAN using wireless Ethernet LAN - II

#### Part3: Wired Ethernet and Wireless Ethernet Integration (Extended service set)

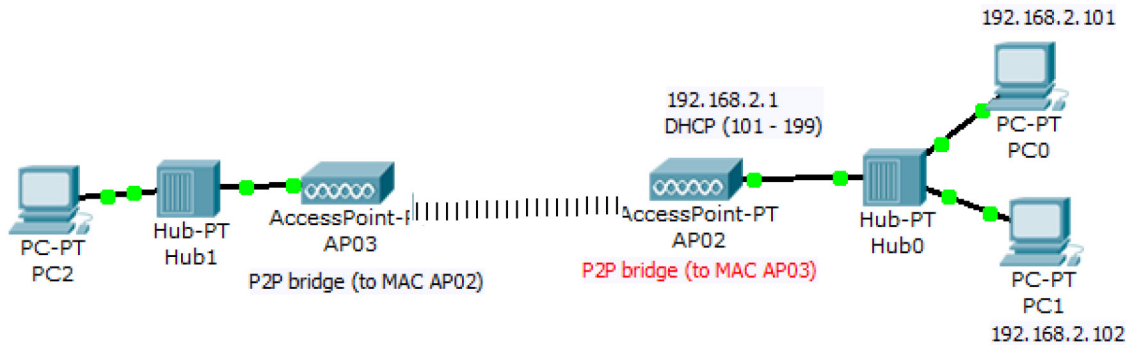


1. connect Access point to 8 ports hub using straight through cable
2. connect 2 PCs to hub using straight through cables too
3. make sure that the wired network connection tcp/ip configuration in automatic mode.
4. check IP of wired clients using ipconfig command
5. check connectivity between wired and wireless clients using ping command

## Part 4: using Wireless bridge to connect two LANs ( Point 2 Point Bridge)

Equipment:

- 3 PCs
- 2 hubs
- 2 AP



AP02:

IP: 192.168.2.1  
Mask: 255.255.255.0  
SSID: AP02  
Country: Egypt  
Mode: P2P bridge [to MAC of AP03]  
DHCP: on [192.169.2.101 – 192.168.2.199]

PC0:

IP: (automatic) 192.168.2.101  
Mask: 255.255.255.0

PC1:

IP: (automatic) 192.168.2.102  
Mask: 255.255.255.0

AP03:

IP: (automatic) 192.168.2.103  
Mask: -  
SSID: AP03  
Country: Egypt  
Mode: P2P bridge [to MAC of AP02]

PC3:

IP: (automatic) 192.168.2.104  
Mask: 255.255.255.0