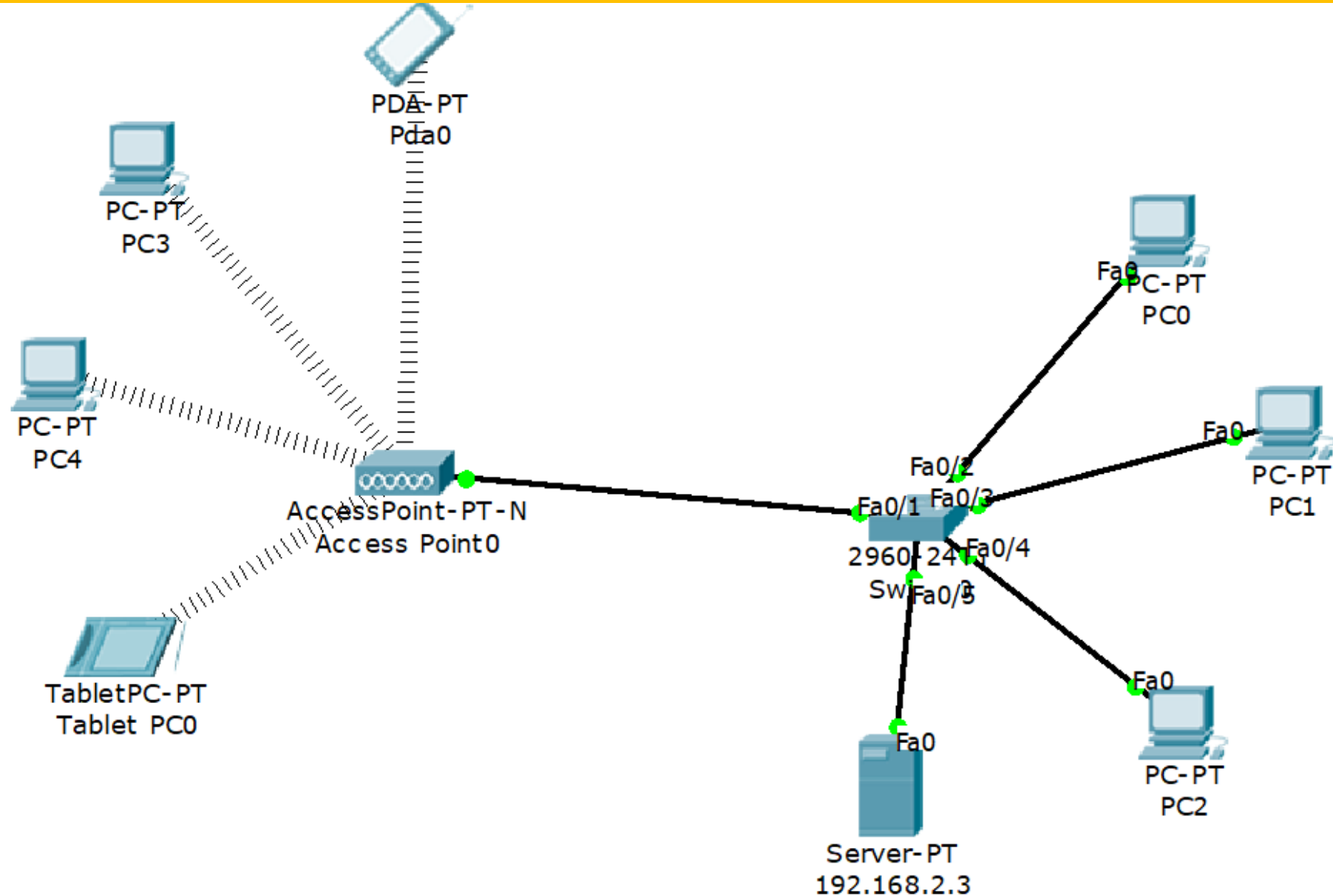
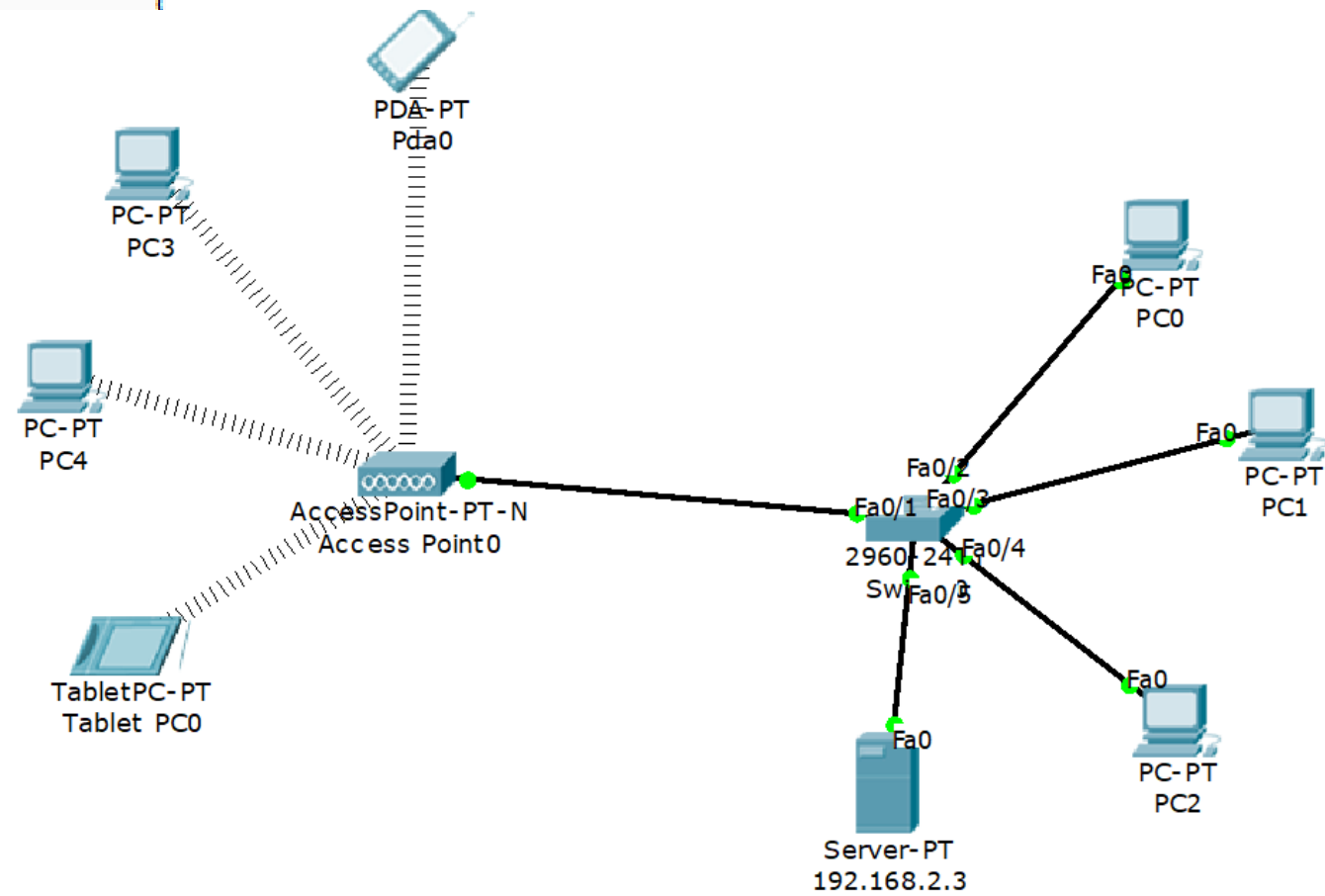
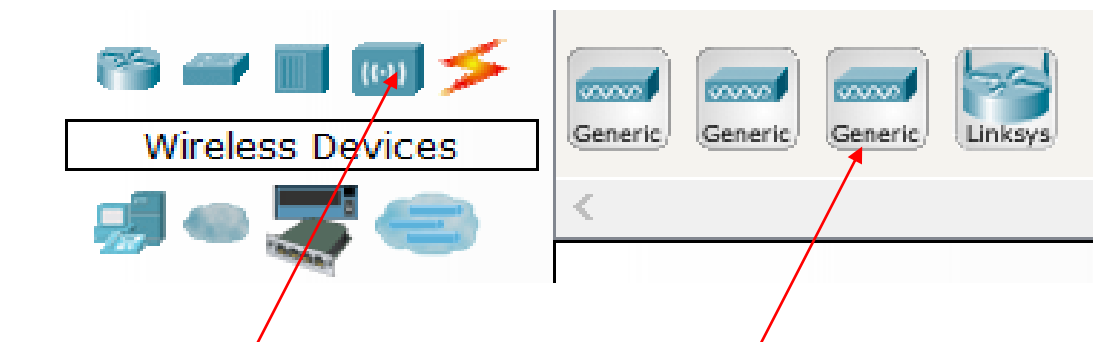
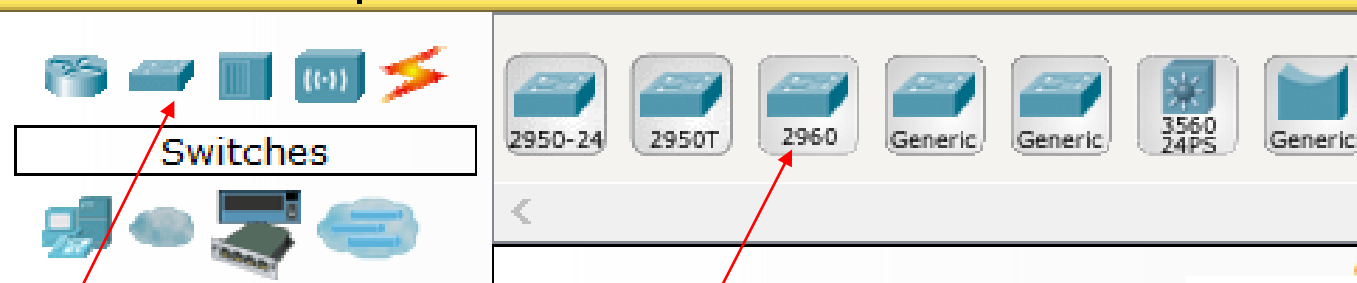


Implementation of Wireless LAN (Wi-Fi)





DHCP server

192.168.2.3

Physical **Config** Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

SERVICES

HTTP

DHCP

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

FIREWALL

IPv6 FIREWALL

INTERFACE

FastEthernet0

DHCP

Service ☒ On ☐ Off

Pool Name

Default Gateway

DNS Server

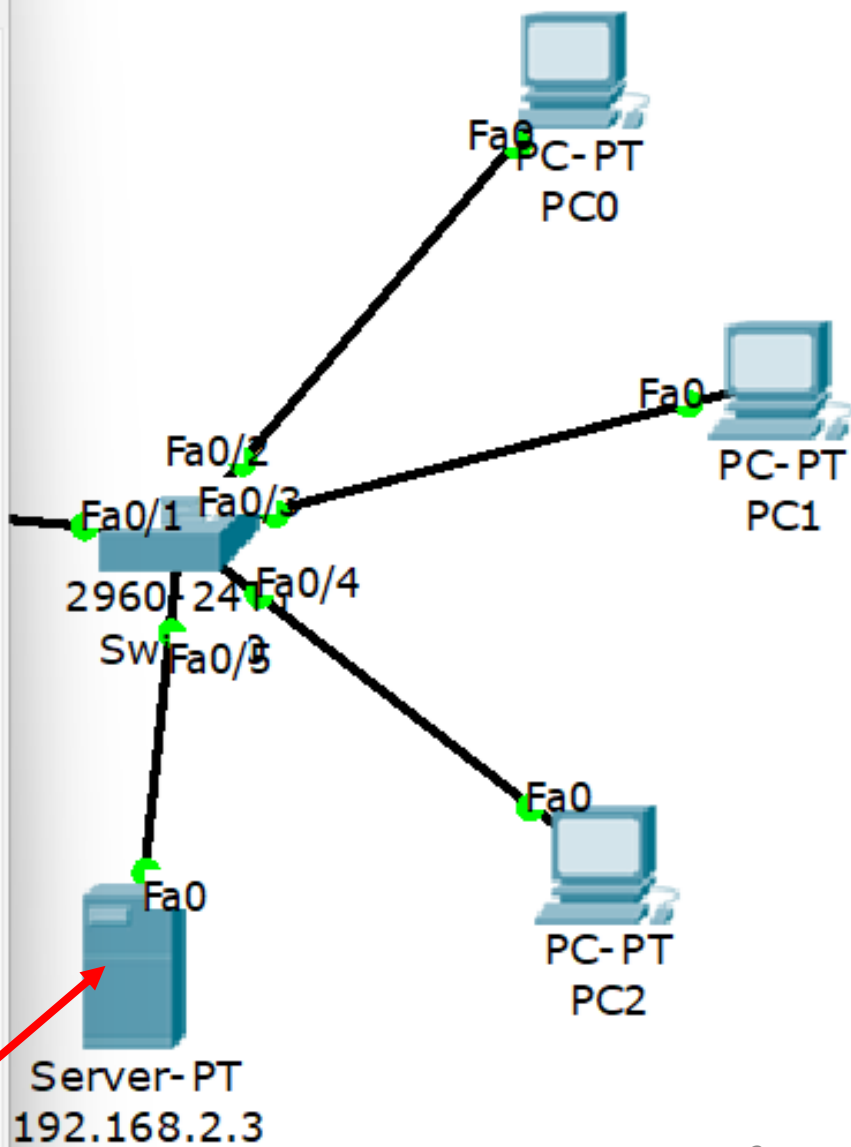
Start IP Address :

Subnet Mask:

Maximum number of Users :

TFTP Server:

| Pool Name | Default Gateway | DNS Server | Start IP Address | Subnet Mask | Maximum Number of Users | TFTP Server |
|------------|-----------------|------------|------------------|---------------|-------------------------|-------------|
| serverPool | 0.0.0.0 | 0.0.0.0 | 192.168.2.1 | 255.255.255.0 | 255 | 0.0.0.0 |



192.168.2.3

Physical Config Desktop Custom Interface

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.2.3

Subnet Mask: 255.255.255.0

Default Gateway:

DNS Server:

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

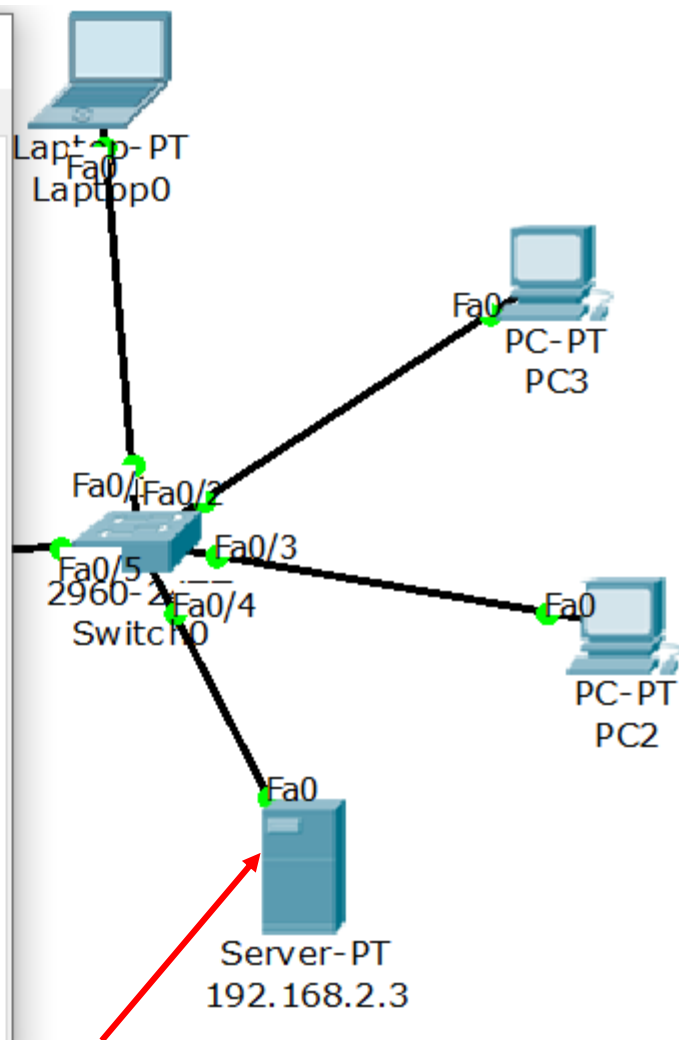
IPv6 Address: /

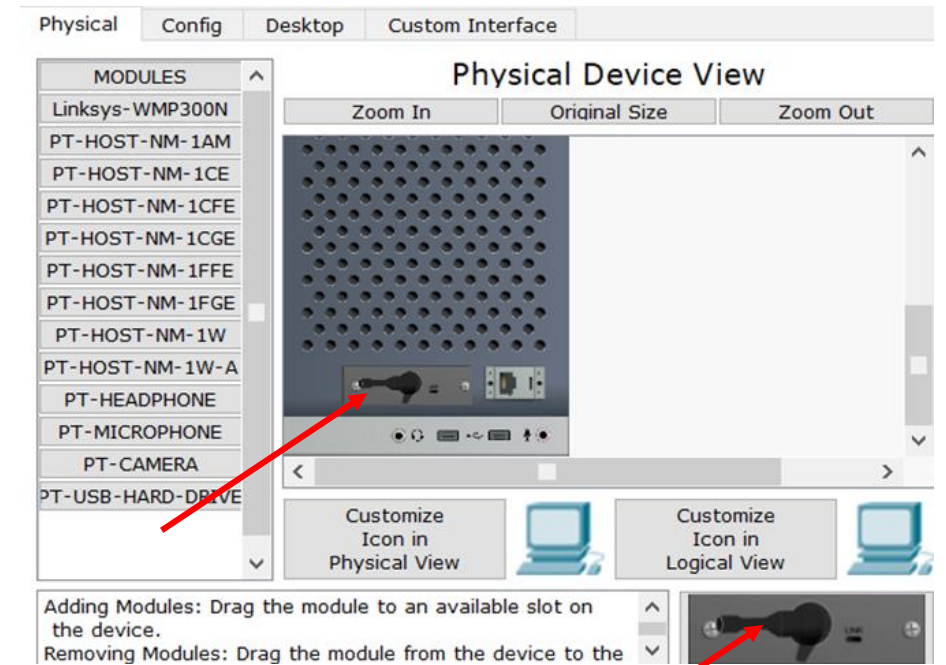
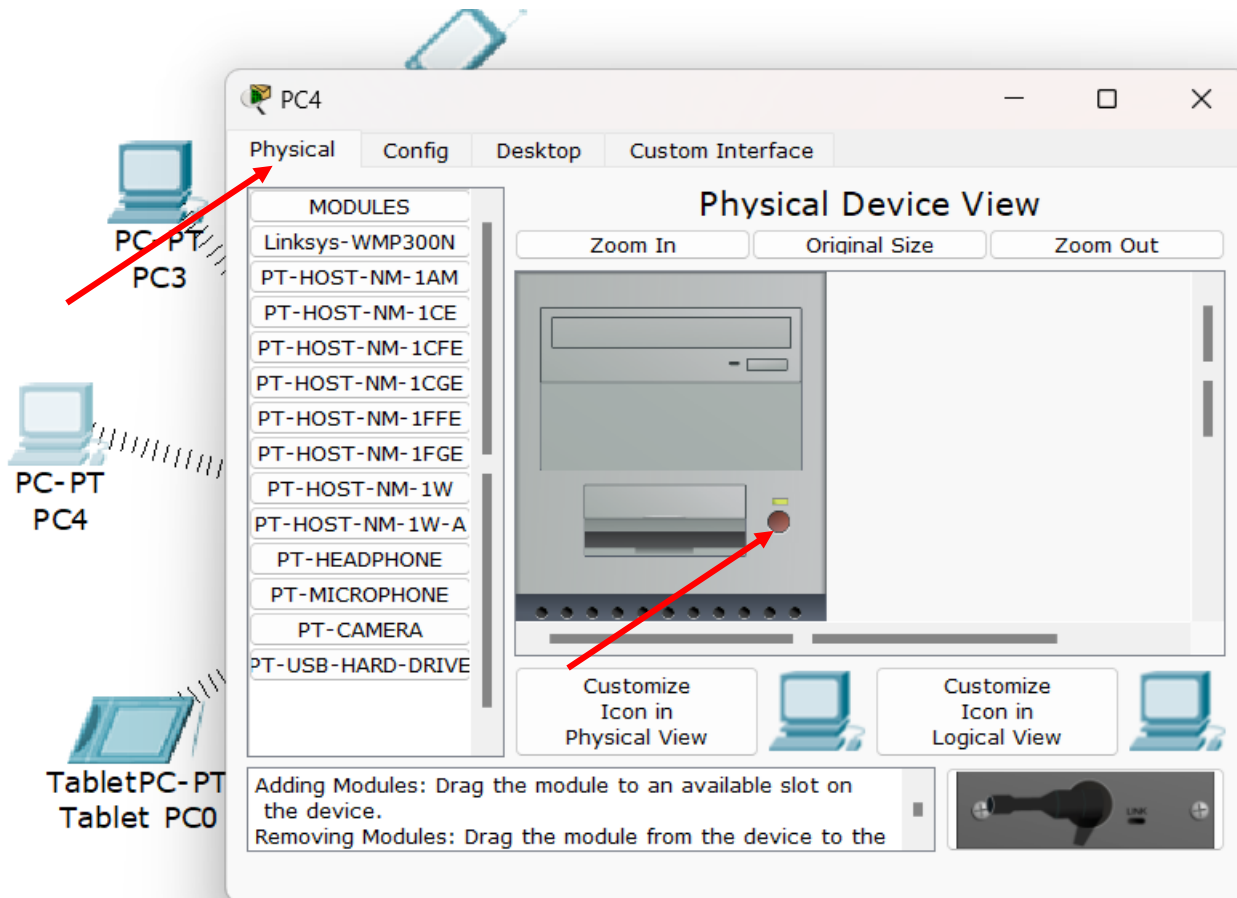
Link Local Address: FE80::230:F2FF:FE7D:E87C

IPv6 Gateway:

IPv6 DNS Server:

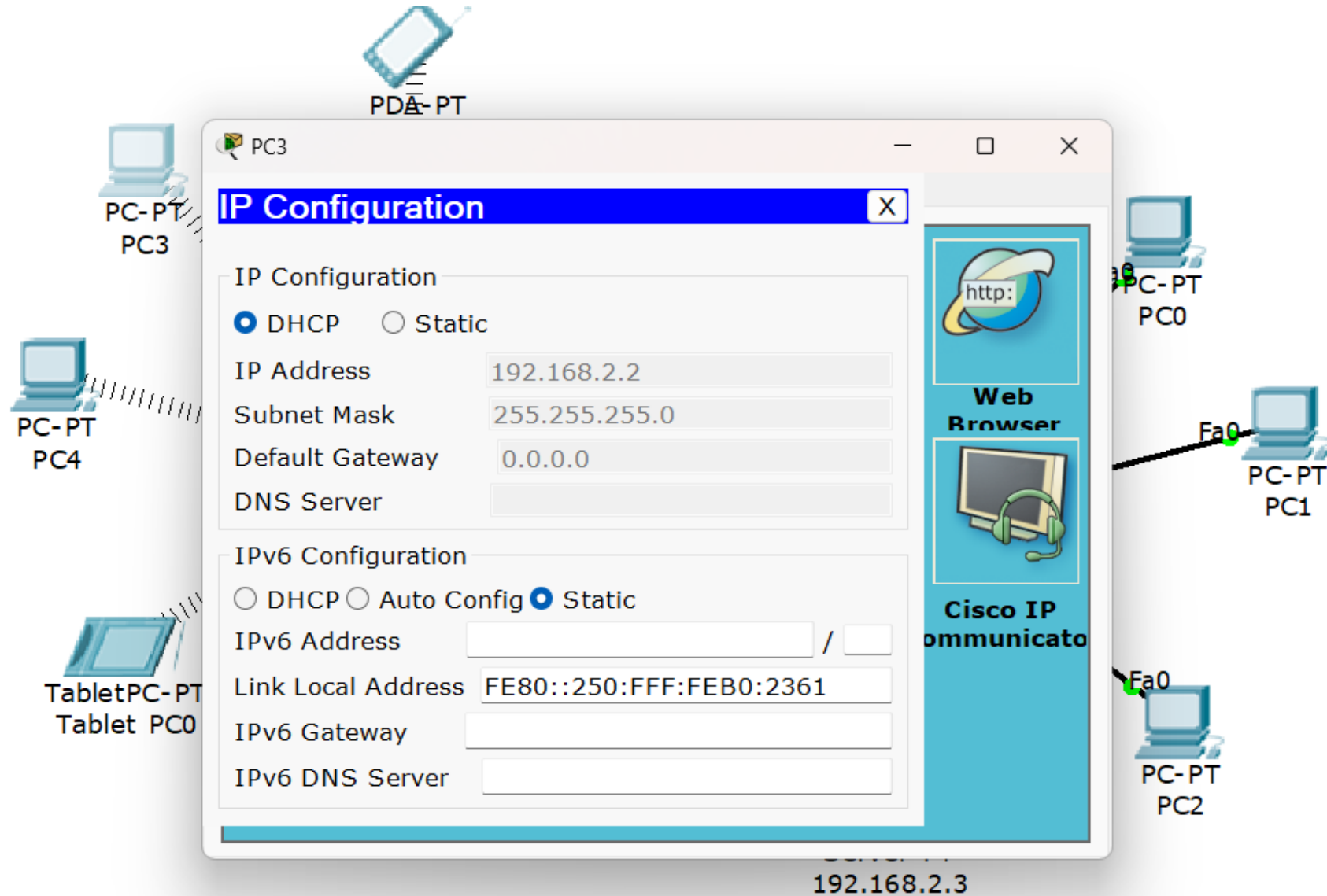
Web Browser



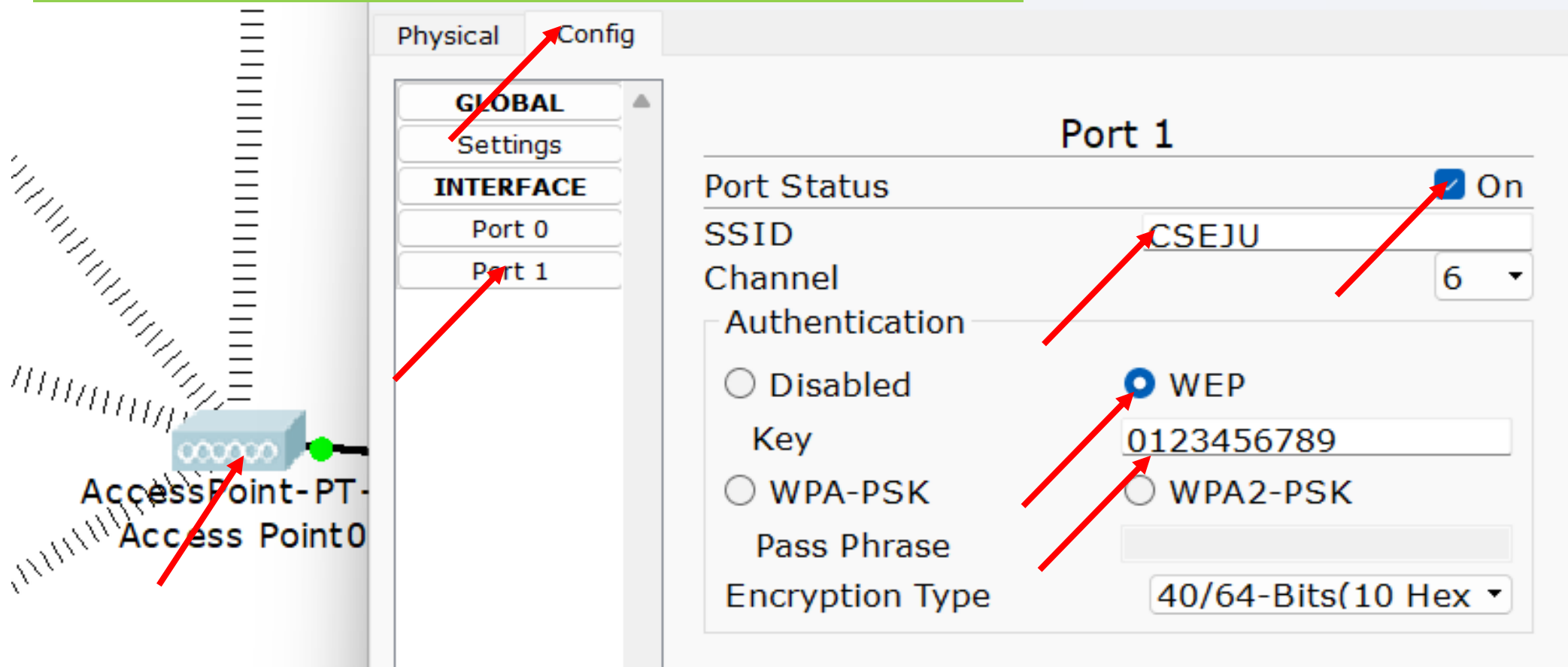


Connect wireless LAN card on PC3 and PC4.

Apply DHCP on each wired PC and smart devices.

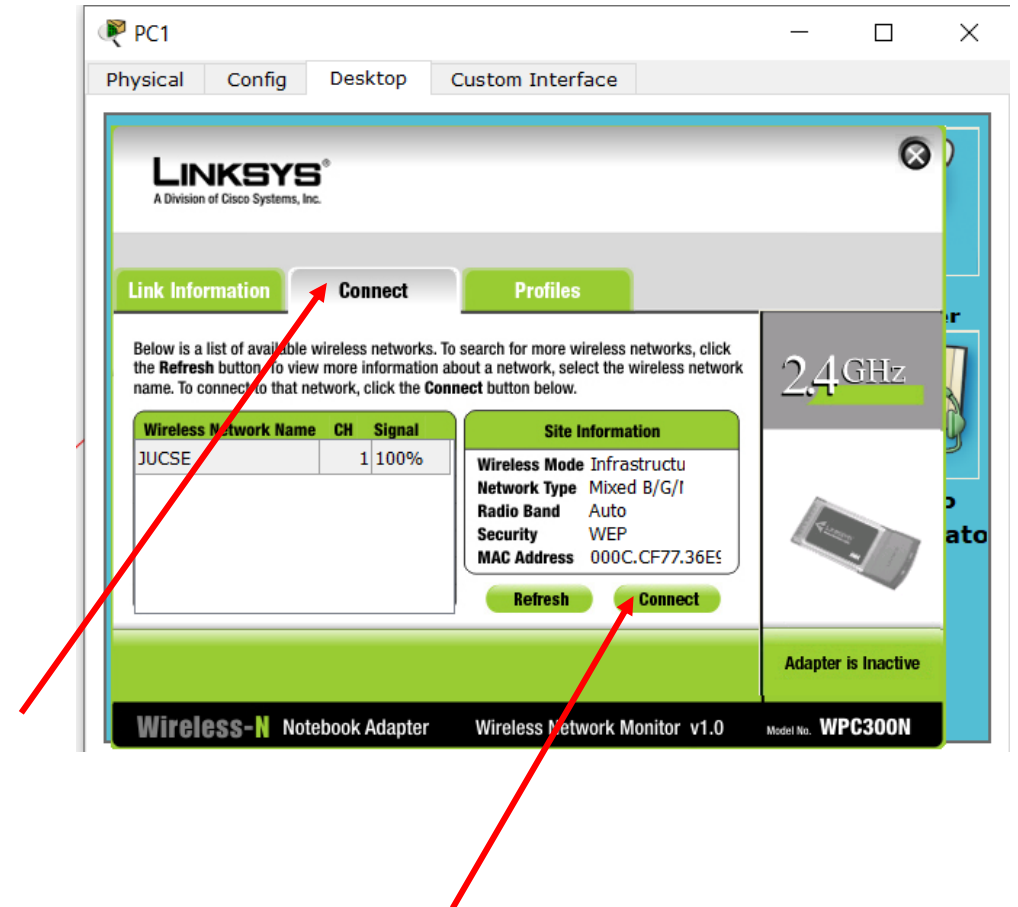


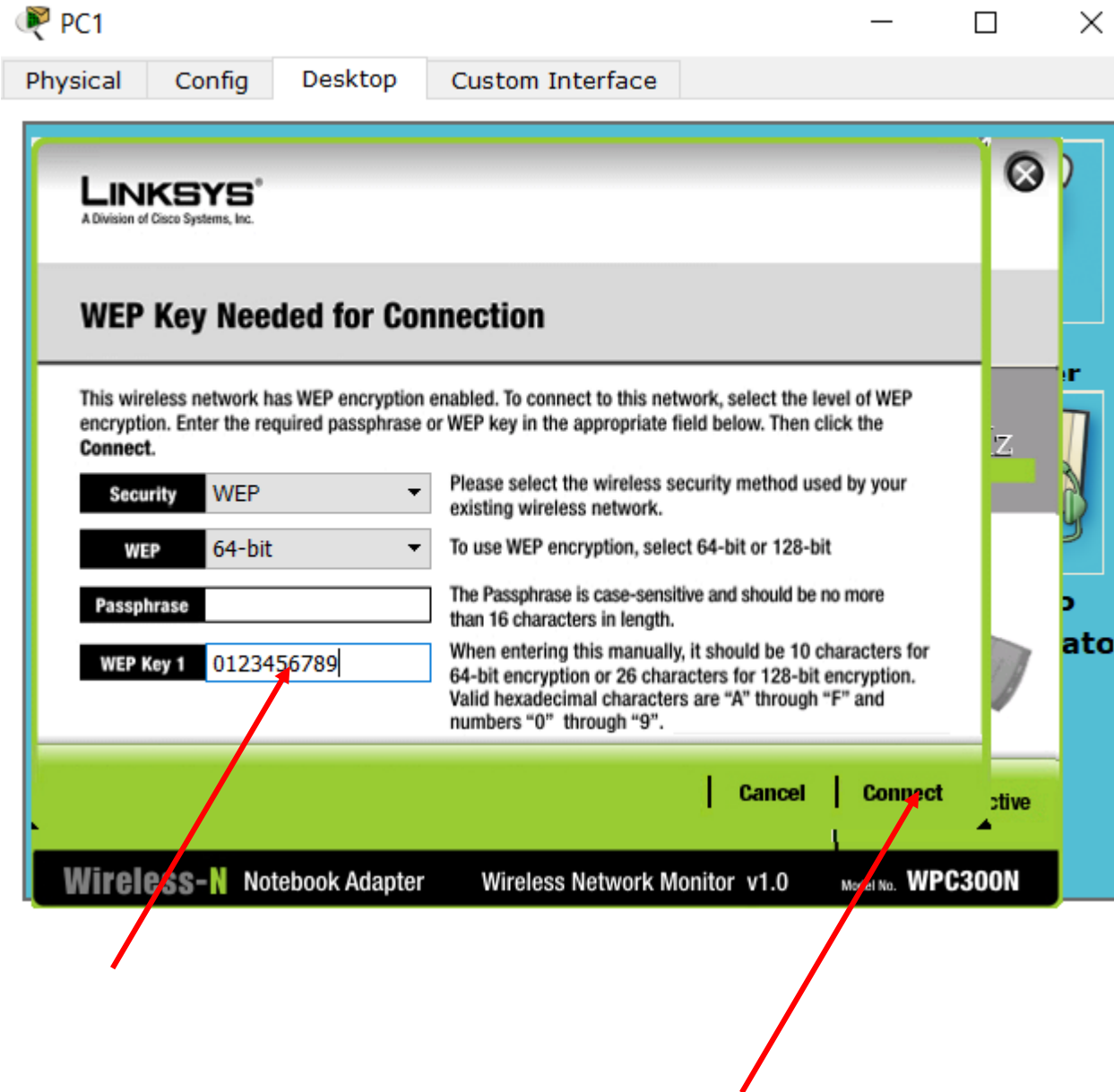
Apply Wi-Fi name and password



SSID stands for Service Set Identifier and is your network's name.
WEP stands for Wired Equivalent Privacy

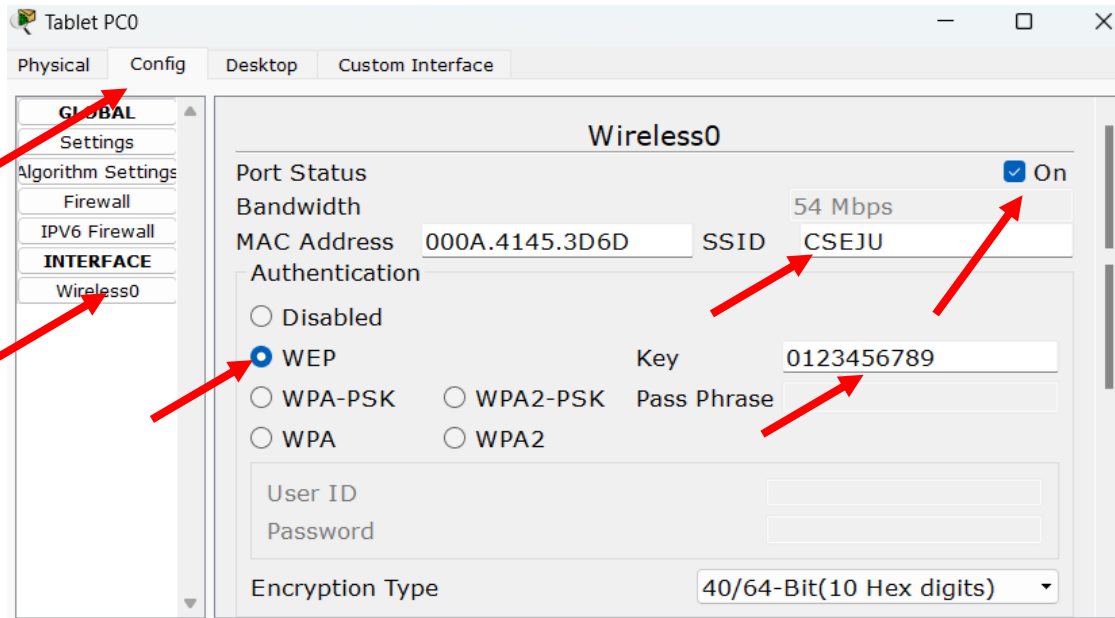
Connect PC3 and PC4 using SSID and Password



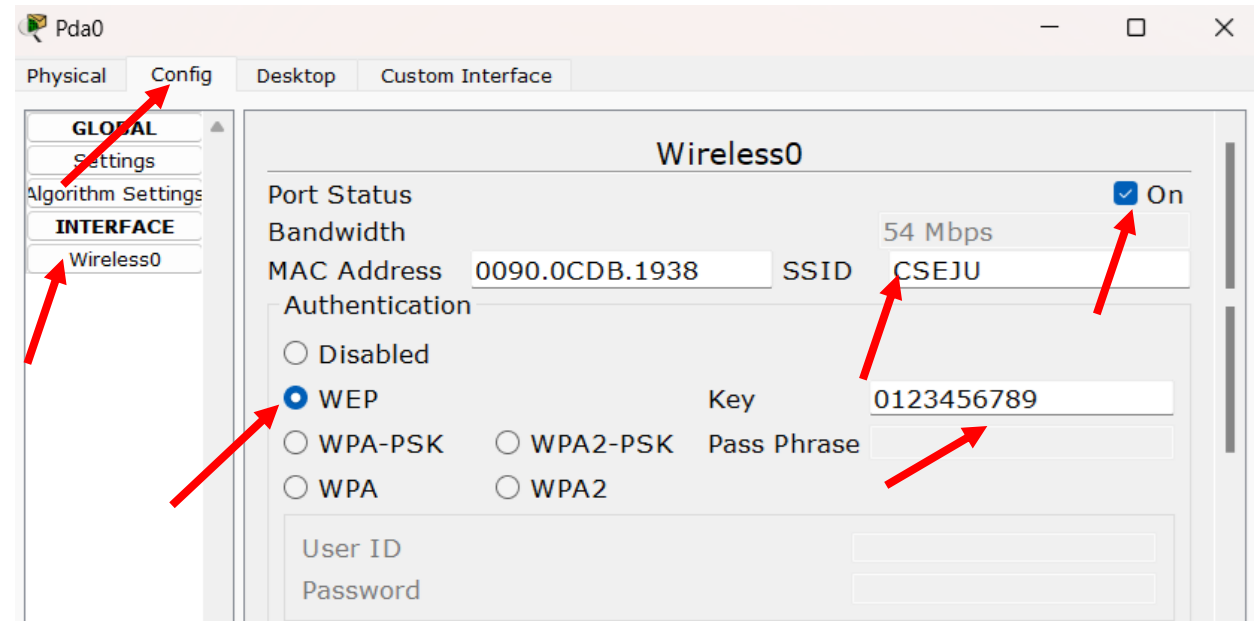


Connect wireless tablet and smart phone using SSID and partword.

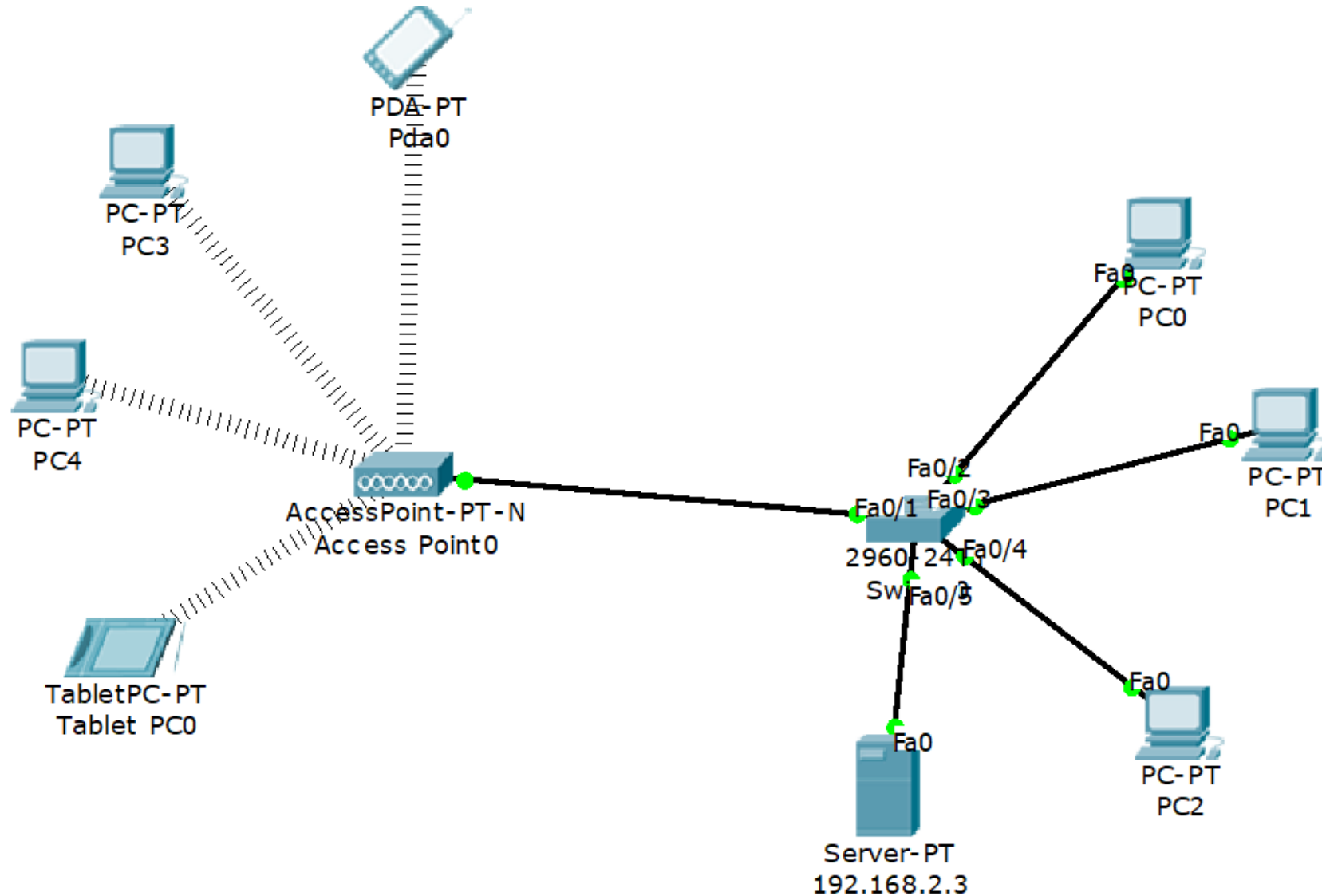
Wireless Tablet



Smart Phone



Verify continuity of service using ICMP, ping and tracer.



Implement three wi-fi for three department as the extension of previous work:

