

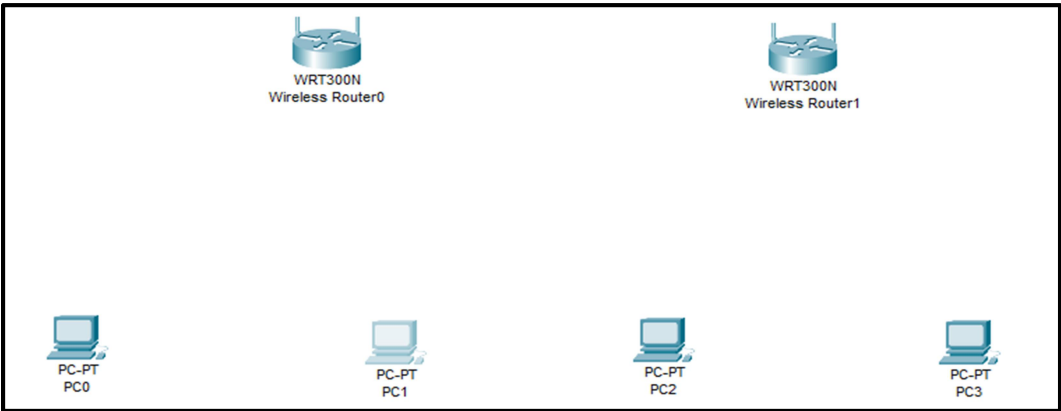
Practical No.04

❖ Create and simulate a simple Ad-hoc network

1) Add two routers WRT300N



2) Add two wireless pc to both routers



3) Wireless Router0 change the name (CS_router)

The screenshot shows the configuration page for Wireless Router0. The 'Wireless' tab is selected, and the 'Basic Wireless Settings' sub-tab is active. The settings are as follows:

Setting	Value
Network Mode:	Mixed
Network Name (SSID):	Cs_router
Radio Band:	Auto
Wide Channel:	Auto
Standard Channel:	1 - 2.412GHz
SSID Broadcast:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled

The screenshot shows the configuration page for Wireless Router0, specifically the 'Wireless Security' sub-tab. The settings are as follows:

Setting	Value
Security Mode:	WPA2 Personal
Encryption:	AES
Passphrase:	admin123
Key Renewal:	3600 seconds

4) Change the Remote management which is enable

Wireless Router0

PhysicalConfigGUIAttributes

Web Access

Web Utility Access:

☒ HTTP☐ HTTPS

Web Utility Access via Wireless:

☒ Enabled☐ Disabled

Remote Access

Remote Management:

☒ Enabled☐ Disabled

Web Utility Access:

☒ HTTP☐ HTTPS

Remote Upgrade:

☐ Enabled☐ Disabled

5) Wireless Router0 change the name (IT_router)

WirelessRouter0

WirelessSetupWirelessSecurityAccess RestrictionsApplications & GamingWireless MAC Filter

Basic Wireless Settings

Network Mode:

Mixed

Network Name (SSID):

IT_router

Radio Band:

Auto

Wide Channel:

Auto

Standard Channel:

1 - 2.412GHz

SSID Broadcast:

☒ Enabled☐ Disabled

WirelessRouter0

WirelessSetupWirelessSecurityAccess RestrictionsApplications & GamingWireless MAC Filter

Wireless Security

Security Mode:

WPA2 Personal

Encryption:

AES

Passphrase:

admin123

Key Renewal:

3600

seconds

6) Change the Remote management which is enable

Remote Access

Remote Management:

☒ Enabled☐ Disabled

7) Make each pc wireless connection for Router0

Link InformationConnectProfiles

Below is a list of available wireless networks. To search for more wireless networks, click the **Refresh** button. To view more information about a network, select the wireless network name. To connect to that network, click the **Connect** button below.

Wireless Network Name	CH	Signal
Cs_router	1	87%
IT_router	1	100%

Site Information

Wireless Mode

Infrastructure

Network Type

Mixed B/G/N

Radio Band

Auto

Security

WPA2-PSK

MAC Address

0002.164D.5608

Refresh

Connect

This wireless network has WPA2-Personal enabled. To connect to this network, enter the required passphrase in the appropriate field below. Then click the **Connect** button.

Security

WPA2-Personal

Please select the wireless security method used by your existing wireless network.

Pre-shared Key

admin123

Please enter a Pre-shared Key that is 8 to 63 characters in length.

Cancel

Connect

8) Make each pc wireless connection for Router1

Link Information

Connect

Profiles

Below is a list of available wireless networks. To search for more wireless networks, click the **Refresh** button. To view more information about a network, select the wireless network name. To connect to that network, click the **Connect** button below.

Wireless Network Name	CH	Signal
Cs_router	1	71%
IT_router	1	77%

Site Information

Wireless Mode

Infrastructure

Network Type

Mixed B/G/N

Radio Band

Auto

Security

WPA2-PSK

MAC Address

00D0.BC68.6806

Refresh

Connect

2.4G

WPA2-Personal Needed for Connection

This wireless network has WPA2-Personal enabled. To connect to this network, enter the required passphrase in the appropriate field below. Then click the **Connect** button.

Security

WPA2-Personal

Please select the wireless security method used by your existing wireless network.

Pre-shared Key

admin123

Please enter a Pre-shared Key that is 8 to 63 characters in length.

Cancel

Connect

9) Wireless connection between two Pc with another router

