

Exp. No: 8b

Wireless LAN

Date: 18/10/24

Subject

Lab 12

Topic

Aim:

109

Source

To configure Cisco packet

wireless LAN using

Packet Tracer

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Procedure:

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(1) Create network router.

opt 1 & wireless

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(2) Right click on the wireless router.
note. the IP address.

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000.0

(3) Disable the DHCP server.

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(4) Save settings.

(5) Click on the wireless page

1) Add keys: 0123456789.

2) Save settings:

(6) Assign IP's to the PC's.

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(1) Now click on PC0

→ click physical option

→ Turn off Net

→ Drag the port in the diagram.

→ Drag the WMP 3000 to the port from the left.

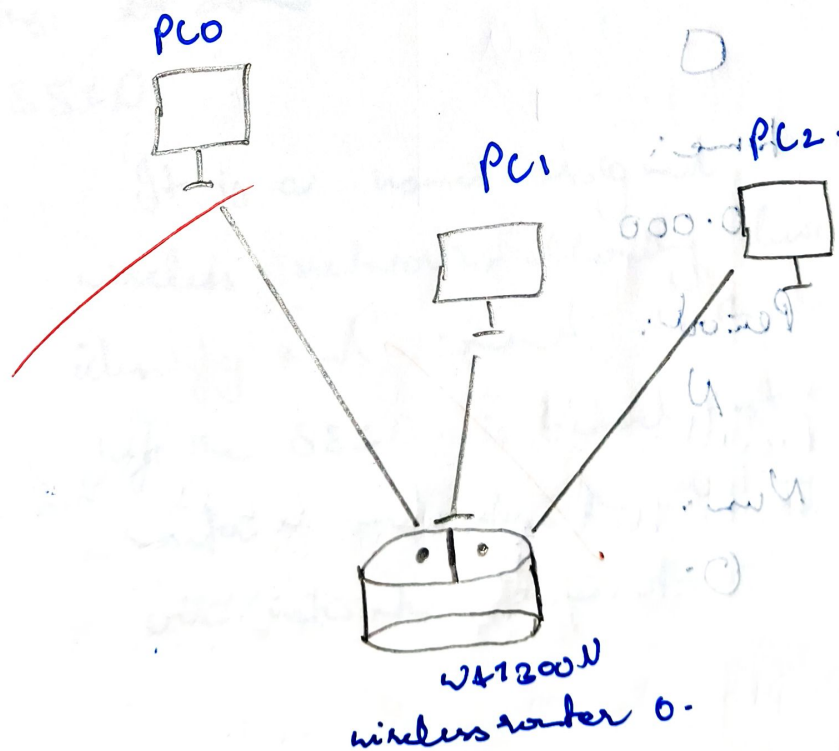
→ Turn on Net.

→ click connect.

(8) Repeat step for PC1 & PC2.

(9) Now you can connect the network.

Diagram Representation:



Output:

This the packets could be
transmitted for wireless router.

Test Status

Successful

Source

PC0

Destination

PC2

Type:

ICMP

Class:

0

Time:

0.000

Period:

N

Num:

0.

Simulator Panel.	
Event list.	
Time (sec)	Host Device
0.000	---
0.001	PC0
0.003	---
:	:

Student Observation:

(a)

Ans: ~~SSID~~

SSID:

It is a name assigned to a wireless network, allowing devices to identify and connect to the correct Wi-Fi. The SSID is broadcast by the router and helps the distinguished one network from other.

(b)

Ans:

Security by:

It is a password or code is
to proceed to a wireless network

Common types are WEP, WPA,

~~Result:~~

Result:

This wireless LAN has been

successfully configured.