

EX NO: 813

DATE : ~~18-10-24~~
13-09-24

WIRELESS LAN

AIM :

To configure Wireless LAN using Cisco Packet Tracer

Procedure :

1. Create network 3 PCs & a wireless Router

2. Right click on the wireless router

Note the IP address It would be 192.168.0.1

→ Disable the DHCP server

→ Save settings

3. Right click on wireless on same page

→ change Network name to MYHOMENETWORK

→ Save setting

→ Click on wireless security under wireless

change security mode

→ Add key1 : 0123456789

→ Save settings

→ Then close the window.

4. design IP to the PCs

PC0 = 192.168.0.5

Gateway - 192.168.0.1

PC1 = 192.168.0.6

Gateway - 192.168.0.1

PC2 = 192.168.0.7

Gateway - 192.168.0.1

5. Now Click on PC0 → Turn off physical option

→ Drag port in the diagram

→ Drag 'WM P 300 N' to the port from left

→ Turn on that

Desktop → PC Wireless → connect → Site Information → connect

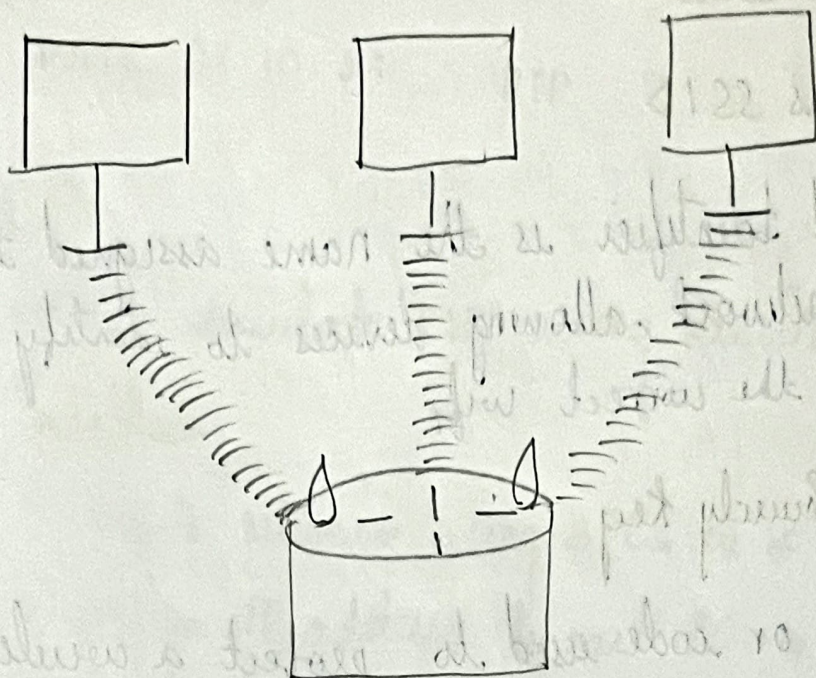
→ Type '0123456789' in WEP Key!

→ Connect

6. Repeat step 5 for PC1 & PC2

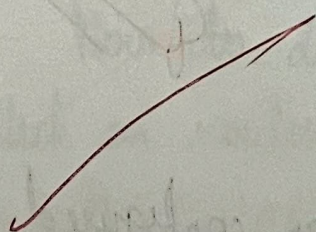
Then you can see the below connection

3



OUTPUT

Fire	Last Status	Source	Dest	Type	Color	Time	Period	Nur
●	Successful	PC0	PC2	ICMP	□	0.000	N	0
●	Successful	PC1	PC0	ICMP	□	0.566	N	1



very good

Student Observation

a) What is SSID

Service Set Identifier is the name assigned to a wireless network, allowing devices to identify & connect to the correct wifi

b) What is Security Key

→ Password or code used to protect a wireless network ensuring authorized users

709700

Result

This Wireless Lan has been configured successfully using Cisco Packet Tracer

