

Ex: 8b

Date

Configuration of wireless LAN

Aim: Configuration of wireless LAN using CISCO packet tracer.

Perform following configuration:

- Configure static IP on PC wireless router

- set SSID to mother network

- set IP address of router to

192.168.0.1 - PC0 to 192.168.0.2, PC₁ = 192.168.0.3,

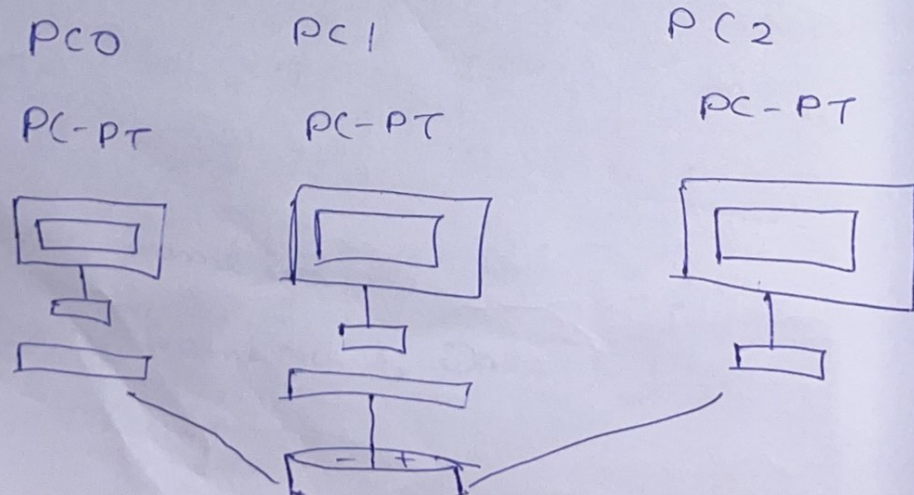
PC₂ - 192.168.0.4

- secure your network by configuration

WAP key on router

- connect PC by using WAP key.

Design



Output :

Thus the packets could be transmitted via wireless router

Line	Last Status	Source	Destination	Type	Colour	Time	Per
	Successful	PC0	PC2	ICMP		0.00060	
	Successful	PC1	PC0	ICMP		0.0161	

Simulation Panel

Event list

Time	Last Device
0.000	---
0.001	PC0
0.003	---
0.004	wireless router
0.005	---
0.006	PC2
0.008	---
0.009	wireless router
0.012	---

Student Observation

a) what is SSID of wireless router?

Service set identifier is the name assigned to a wireless network allowing devices to identify and connect to correct wifi. The SSID is broadcast by the router and helps distinguish one network

from others in same area.

b) what is security key in wireless router

Ans. A security key is a password or code used to protect a wireless network ensuring only authorised users can connect. Common types are WEP, WPA etc.

Result:

Thus the wireless LAN has been configured successfully using Cisco packet tracer.

[Signature]

Ex: 3a
10 of 24

a) virtual

Am: 24

packet

Procedure

1) create

2) create

PC

PC

PC

PC

3) create

4) create

the

>

#

#

#

#

#

#

#

#