Ea.no 6                 Router

Date: 29/10/24

Aim:
    To design and configure an internal
work using wireless router DHCP server
& internal Cloud.

Procedure
1) Arrange the PC & laptop in page
2) Assign IP address

    Server - 10.0.0.1

    ↳ services → DHCP → default gateway

        10.0.0.1 → service - on
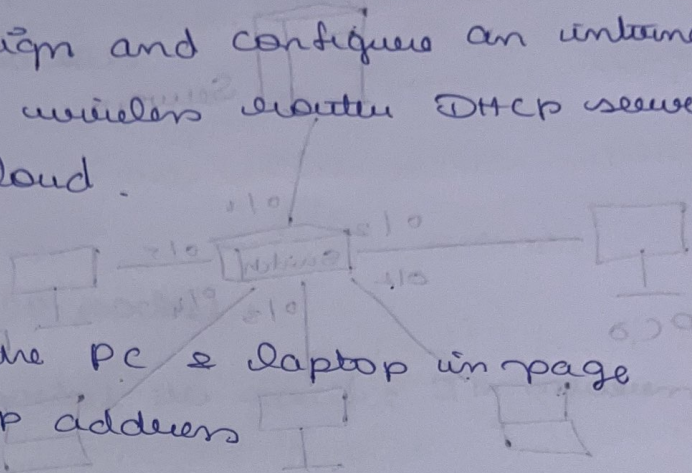
PC0
- Desktop → DHCP ⊙

Laptop
- Desktop - DHCP ⊙

PC1
- Desktop - DHCP ⊙

Laptop 1
- Desktop - DHCP ⊙

PC2
- Desktop - DHCP ⊙

Now ping from PCs to server
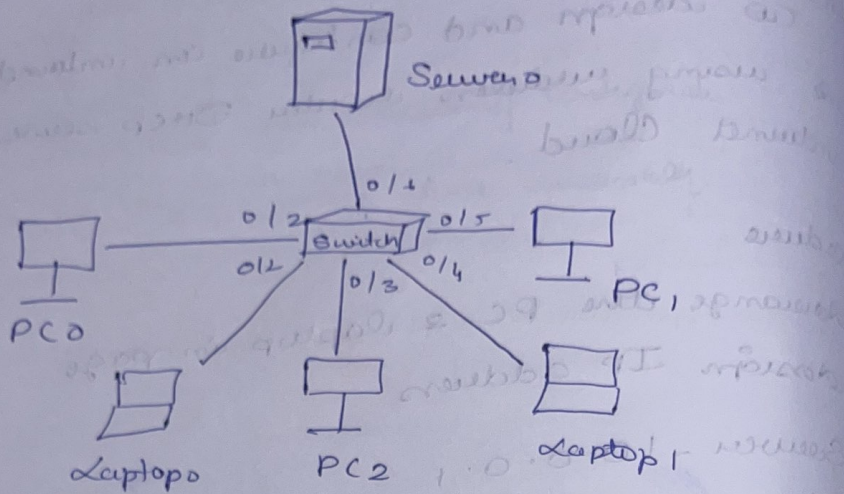
① Diagram



Server

0/1

0/2  0/5
Switch
0/2  0/3  0/4

PC0

PC1

Laptop0    PC2    Laptop1

Output:

Ping Laptop to PC2

Event List

| vis | Time | Last device |
|---|---|---|
| | 0·000 | – – – |
| | 0·001 | Laptop0 |
| | 0·002 | switch0 |
| | 0·003 | PC2 |
| | 0·004 | switch |
| visible | 1·00·4 | – – – |

Result: The configuration of DHCP is successfully executed

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Aim : To imple

TCP/ UDP iso

Algorithms

Server. py:

→ create a UD

→ bind the u

& port

→ when me

→ display n
address

→ repeat un

client. py

→ create u

→ set a th
waiting

→ send a

server I

→ close s