

Lab - 5 - Writeup

CN - Lab (5)

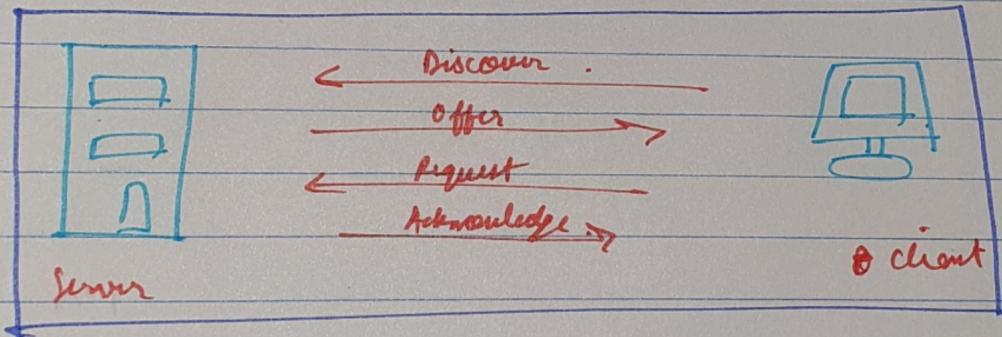
Name - Nimit Sajal
USN - 1BM18CS063
Date - 29/10/20

Learnings

DHCP → Dynamic Host Configuration Protocol.

- It is used to control the network configuration of a host through a remote server.
- It is a client - server model.

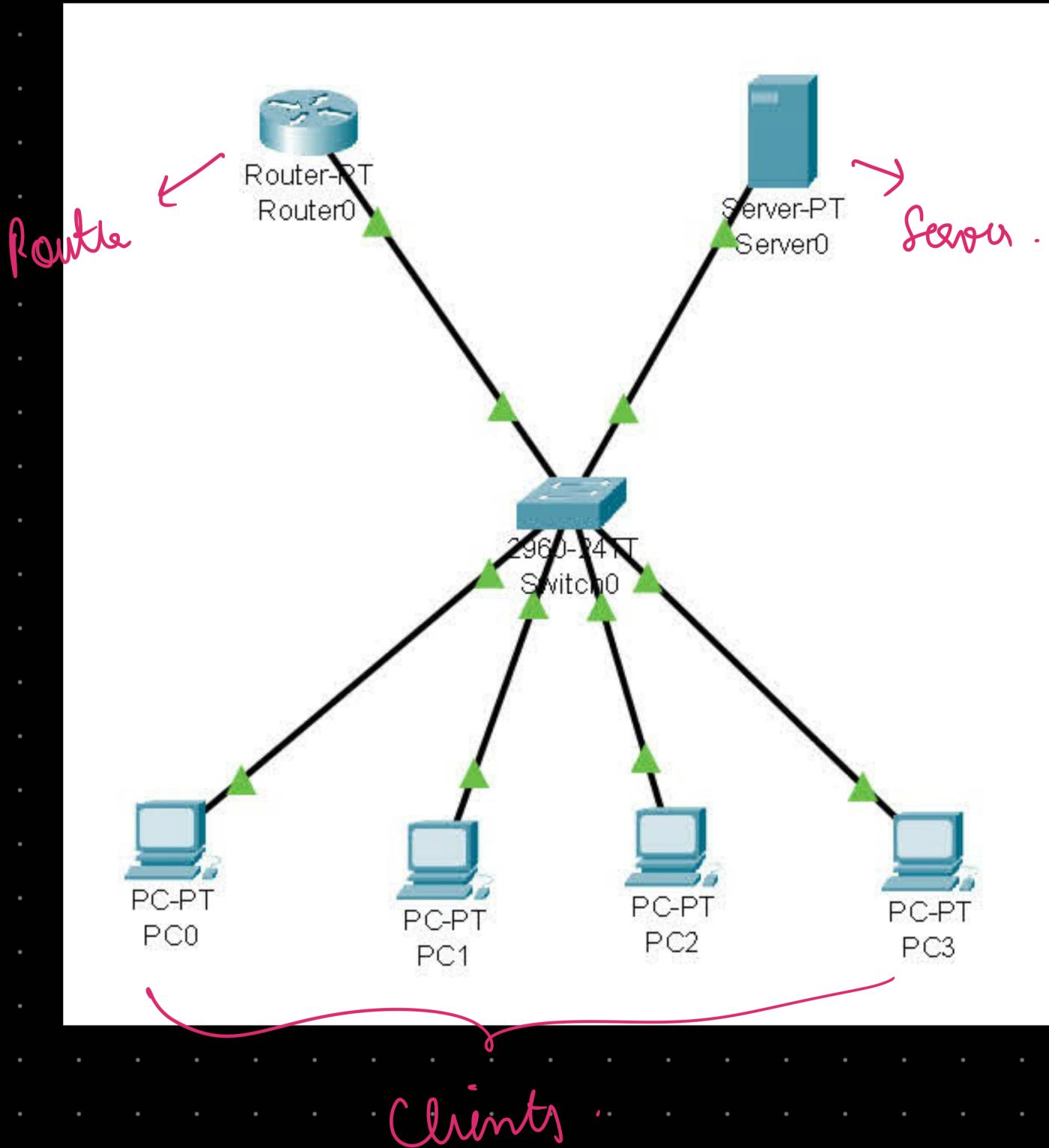
DORA → Discover, Offer, Request, Acknowledge.



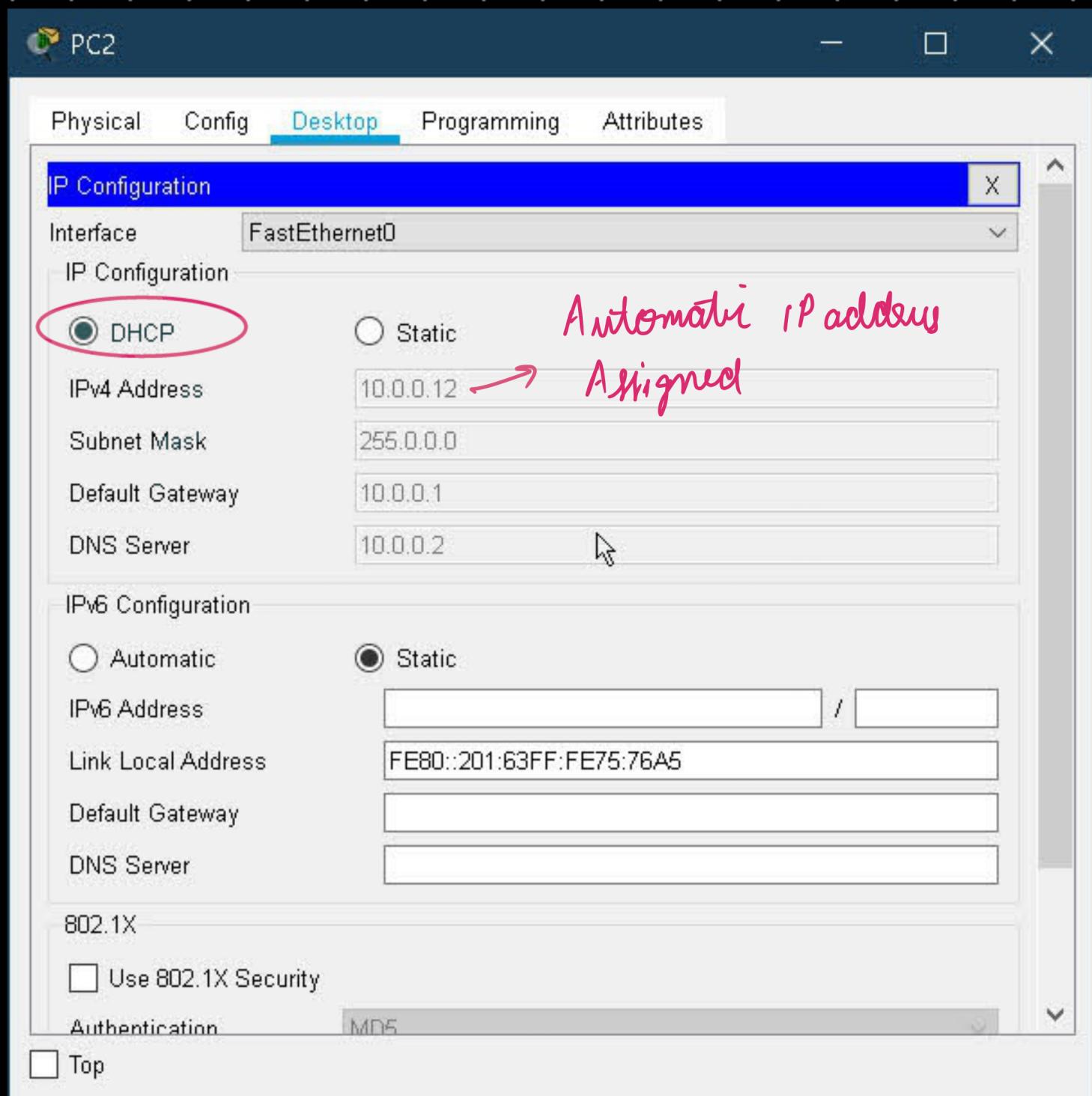
- Basically, a server helps to configure all the clients.
- It does it automatically.
- It uses some pre-interactions.

Nimit Sajal

Devices - Structure / connections



PC 2 - IP configuration (DnRP)



Server - Configuration

Server0

Physical Config Services Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: On

Pool Name: serverPool

Default Gateway: 10.0.0.1

DNS Server: 10.0.0.2

Start IP Address: 10.0.0.10

Subnet Mask: 255.0.0.0

Maximum Number of Users: 500 → Max clients -

TFTP Server: 10.0.0.2

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	10.0.0.1	10.0.0.2	10.0.0.10	255.0.0.0	500	10.0.0.2	0.0.0.0

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