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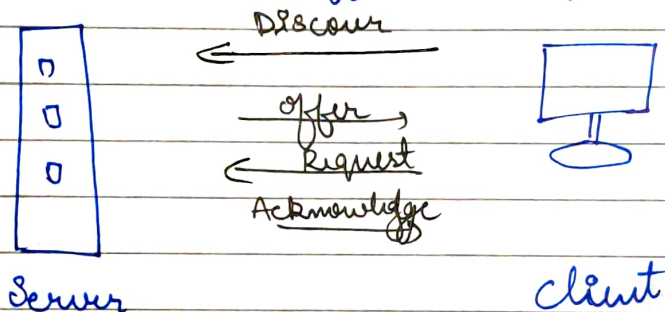
LAB-5

Learning →

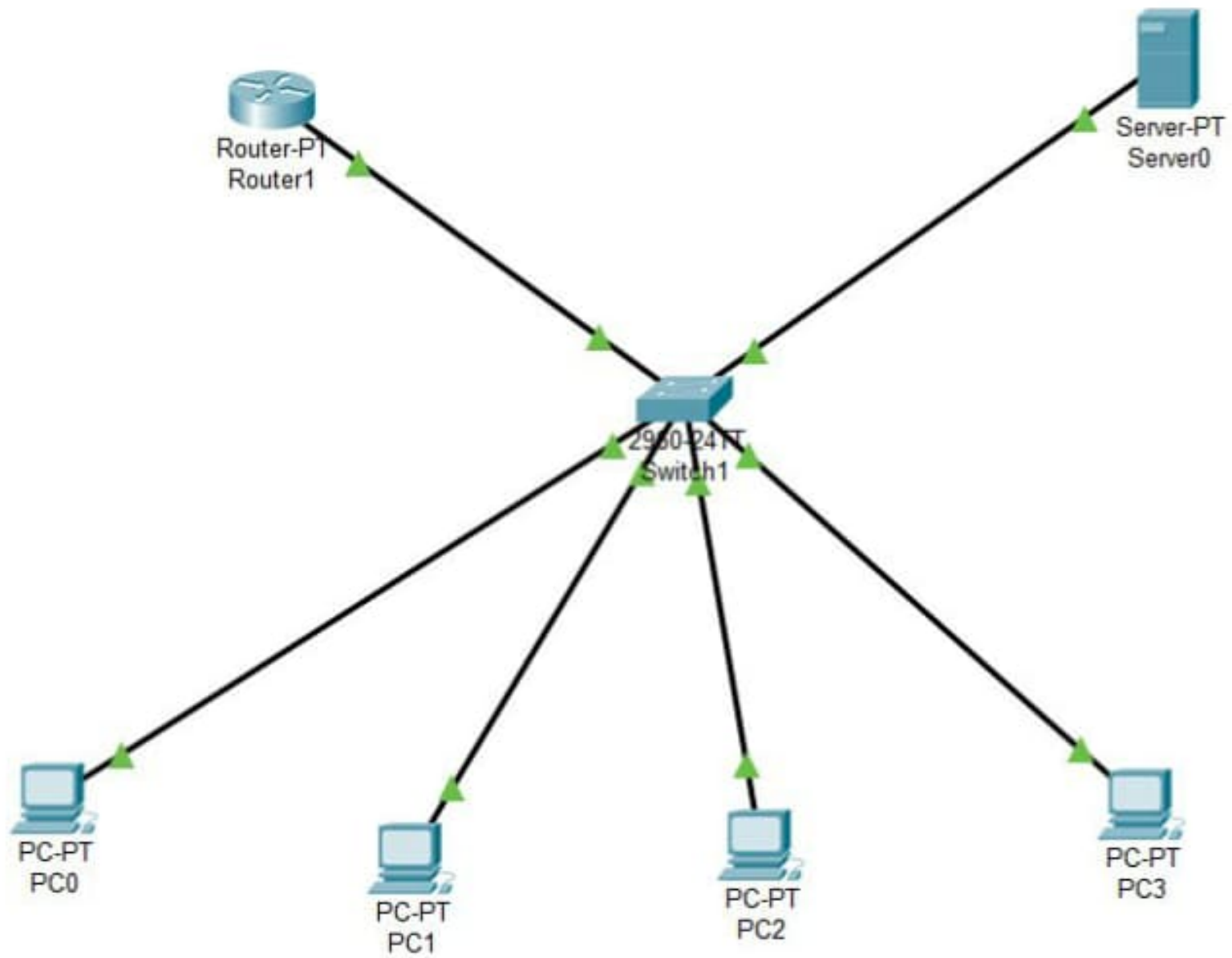
DHCP → Dynamic Host Configuration Protocol

- It is used to configure 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 ~~at~~ automatically.
- It uses some pre-instructions.



GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Global Settings

Display Name

PC1

Interfaces

FastEthernet0

Gateway/DNS IPv4

DHCP

Static

Gateway

10.0.0.1

DNS Server

10.0.0.2

Gateway/DNS IPv6

DHCP

Auto Config

Static

IPv6 Gateway

IPv6 DNS Server

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display NameServer0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Gateway10.0.0.1

DNS Server10.0.0.2

Gateway/DNS IPv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server