

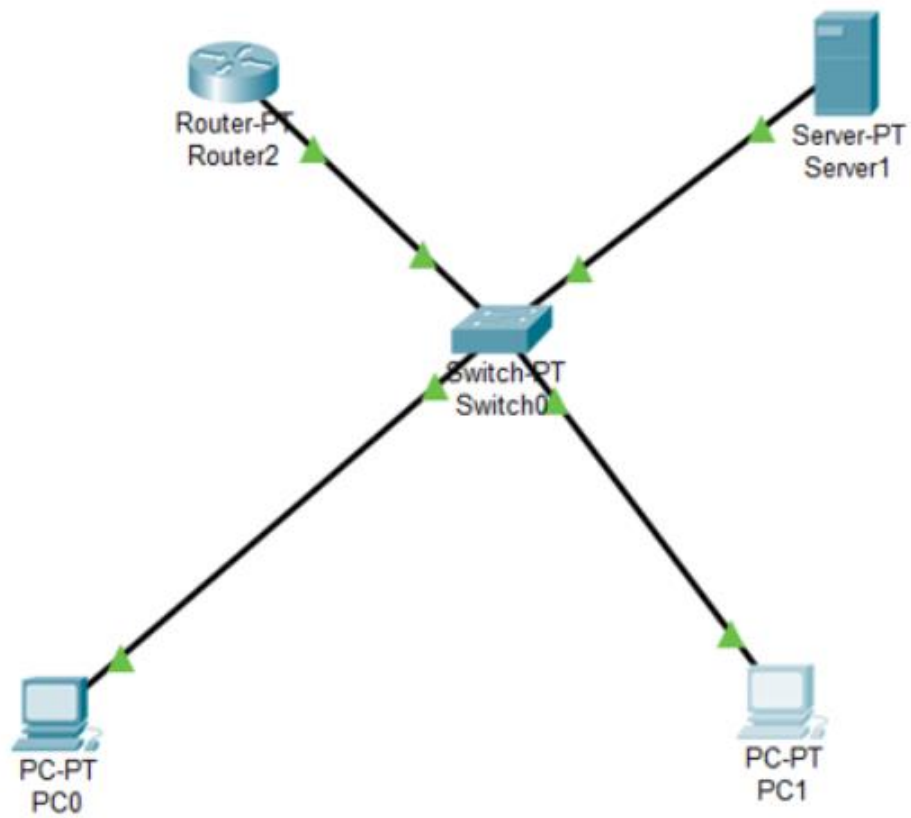
LAB5

Shiva Praneeth Kodali

1BM18CS100

DHCP Server:

Topology:



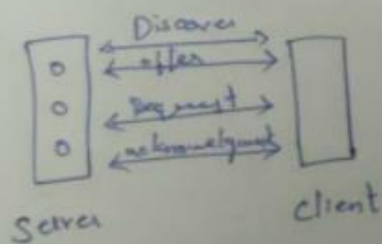
Lab 5

Shiva Praneeth K
18M18CS100

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, Acknowledgment



- A server helps to configure all the clients.
- It does it automatically.
- It uses some pre-instructions.

OUTPUT:

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 10.0.0.3

Subnet Mask 255.0.0.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:D3FF:FE59:C275

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☒ DHCP

☐ Static

IP Address

10.0.0.4

Subnet Mask

255.0.0.0

Default Gateway

0.0.0.0

DNS Server

0.0.0.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

/

Link Local Address

FE80::290:CFF:FE23:E473

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

Top

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface: **FastEthernet0** Service: ☒ On ☐ Off

Pool Name:

Default Gateway:

DNS Server:

Start IP Address:

Subnet Mask:

Maximum Number of Users:

TFTP Server:

WLC Address:

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool1	10.0.0.1	10.0.0.2	10.0.0.0	255.0.0.0	512	10.0.0.2	0.0.0.0
serverPool	0.0.0.0	0.0.0.0	10.0.0.0	255.0.0.0	512	0.0.0.0	0.0.0.0