

## Semester 5th | Practical Assignment | Computer Networks (2101CS501)

Date: 22/08/2023

### Lab Practical #05:

Study the application layer protocol DNS, DHCP, FTP.

## **Practical Assignment #05:**

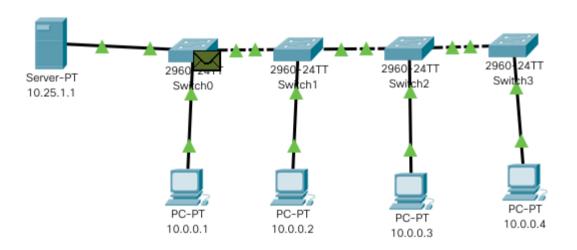
1. Implement the application layer protocol DNS, DHCP, and FTP. Also check connectivity between them using ping command or PDU utility.

### **Instructions:**

- 1. Protocol-wise configuration setup screenshot.
- 2. Mention IP address of each pc as label.
- 3. Ping command or PDU screenshot between two pcs.

# **TOPOLOGYS DHCP USING**

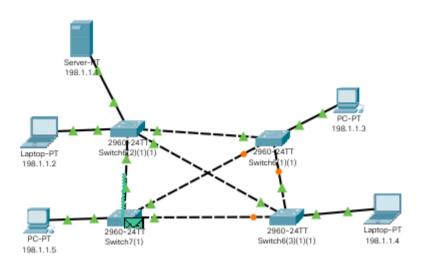
### 1. Bus Topology



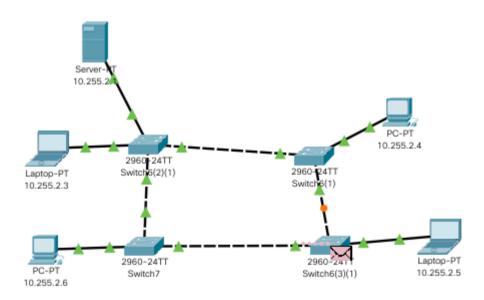
## 2. Mesh Topology

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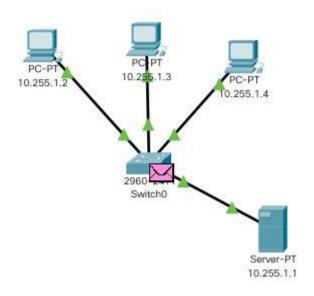
## 3. Ring Topology



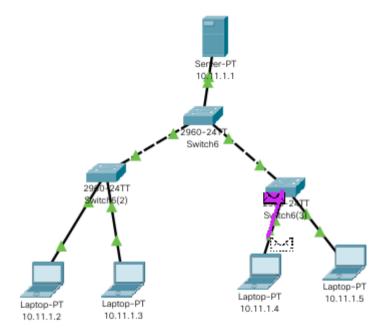
## 4. Star Topology

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## 5. Tree Topology

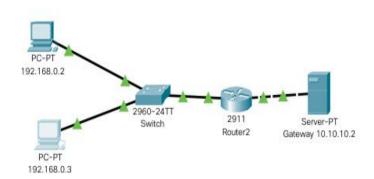




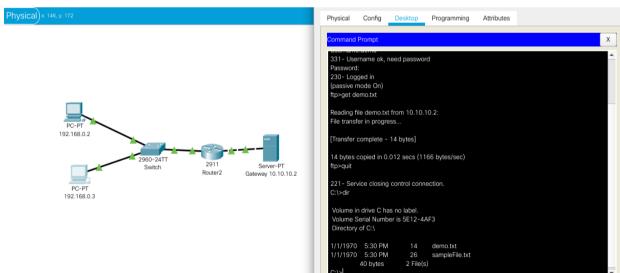
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# **DNS Implement**



# **FTP Implement**

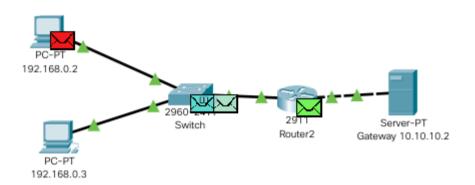




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## **PDU Screenshot**



# **Ping Command**

