

Semester 5th | Practical Assignment | Computer Networks (2301CS501)

Date: 25 / 06 / 2025

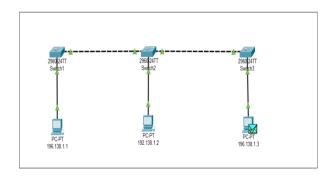
Lab Practical #04:

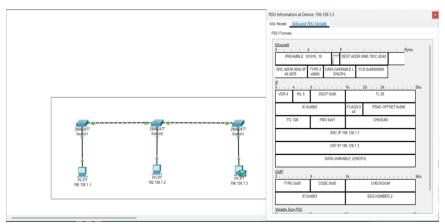
Installation of Network Simulator (Packet Tracer) and Implement different LAN topologies.

Practical Assignment #04:

- 1. Create a simple network with switch and two or more pc. Also check connectivity between them using ping command or PDU utility.
- 2. Implement different topologies in packet tracer.
 - a. Bus
 - b. Ring
 - c. Star
 - d. Mesh
 - e. Tree

1. Bus Topology Structure

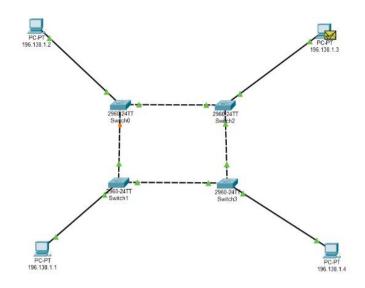


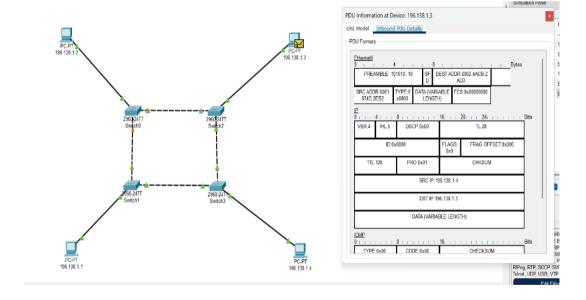


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2. Ring Topology Structure

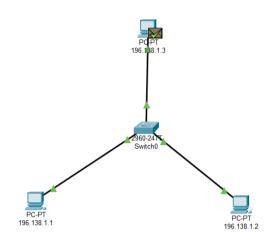


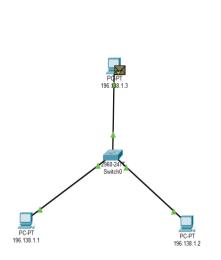


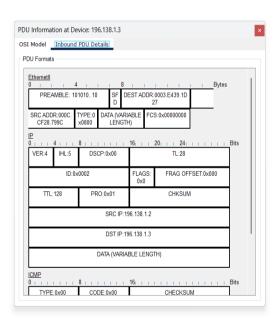
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3. Star Topology Structure



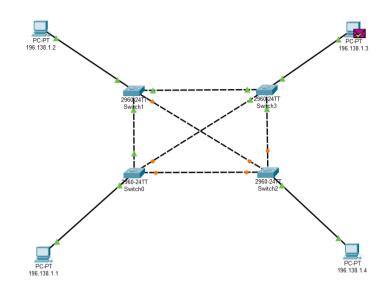


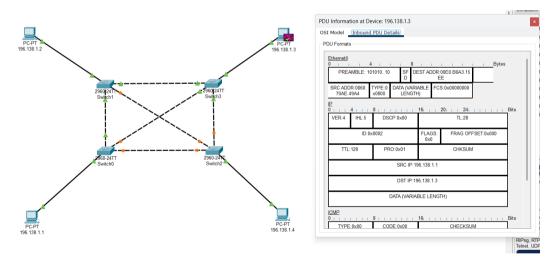


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4. Mesh Topology Structure





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5. Tree Topology Structure

