

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

Date: 05/09/2023

Lab Practical #06:

Study the concept of VLAN using packet tracer.

Practical Assignment #06:

1. Implement the different network structures in VLAN and VLAN trunking. Also check connectivity between them using ping command or PDU utility.

Instructions:

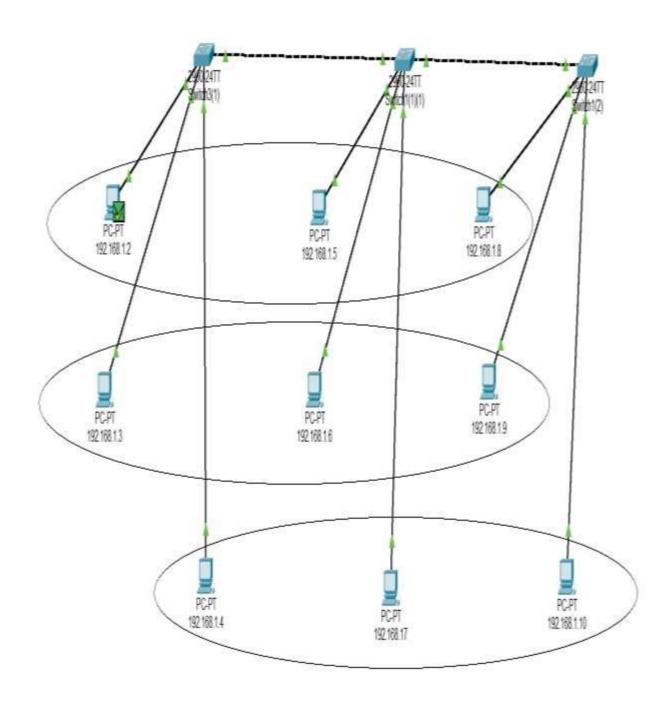
- 1. Different VLANs configuration setup screenshot. (VLAN example given by lab faculty)
- 2. Write steps to create VLANs in packet tracer.
- 3. Mention IP address of each pc as label.
- 4. Ping command or PDU screenshot between two VLANs.



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VLAN - 1

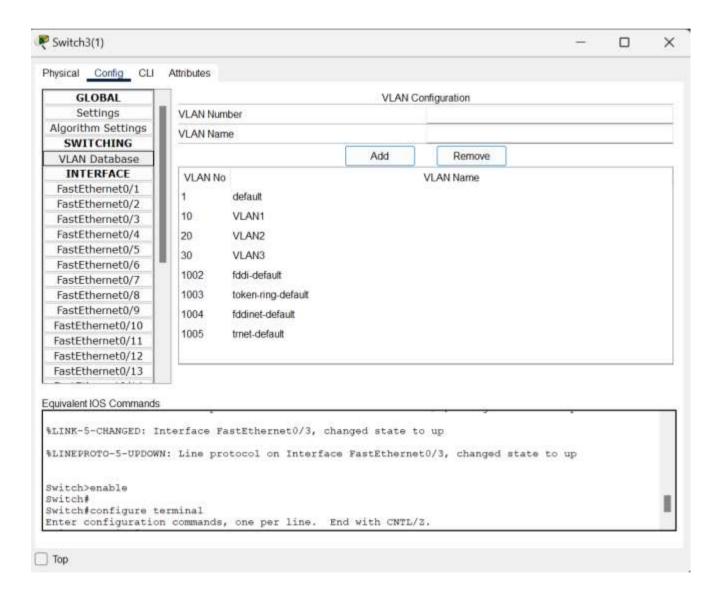




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VLAN – 1 (Database)

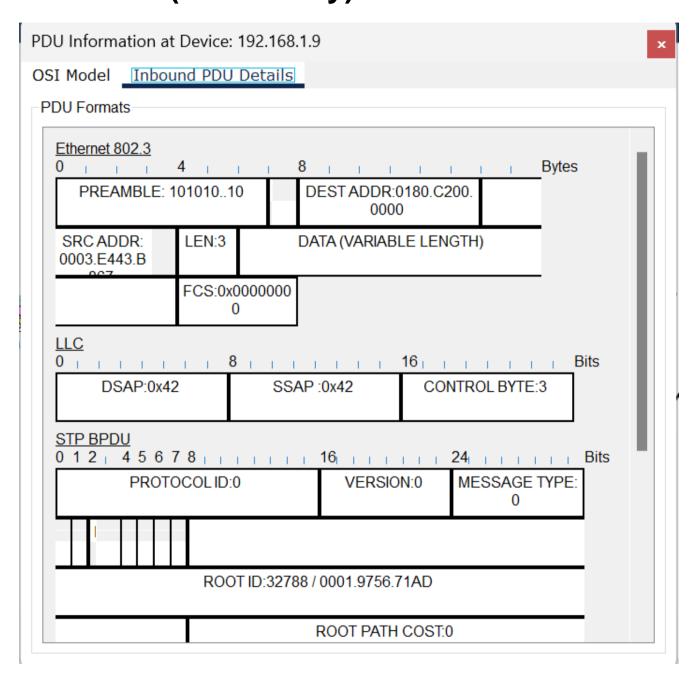




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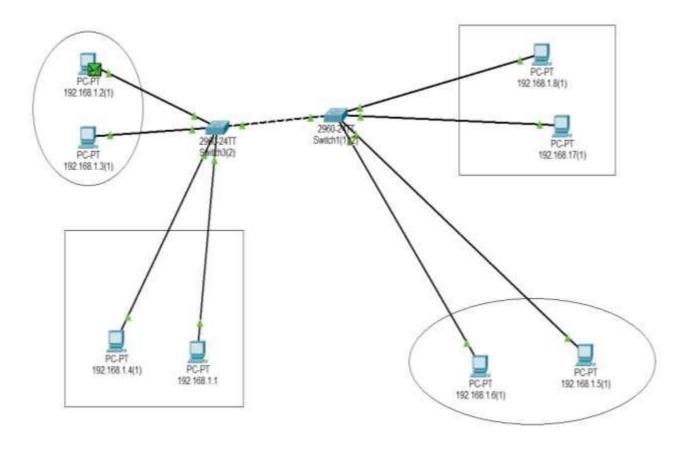
VLAN – 1 (PDU Utility)



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VLAN - 2

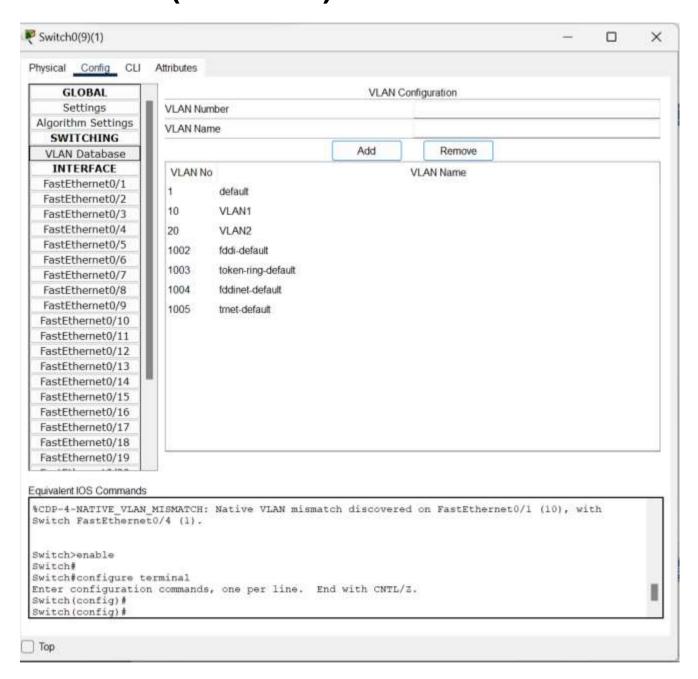




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VLAN – 2 (Database)

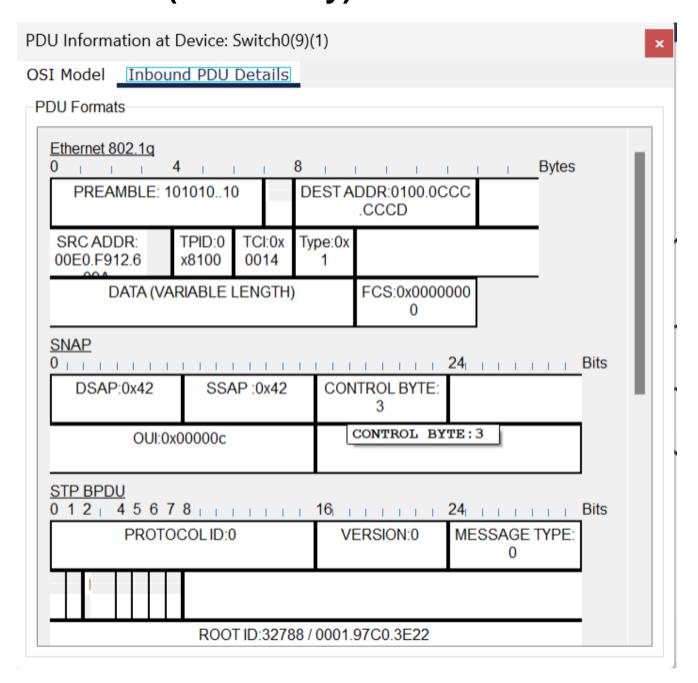




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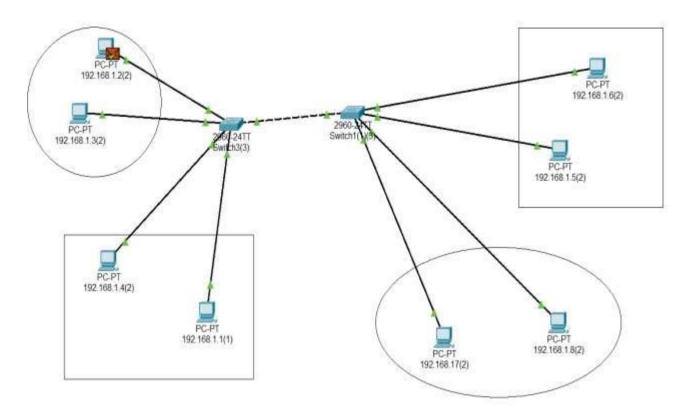
VLAN – 2 (PDU Utility)



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VLAN - 3

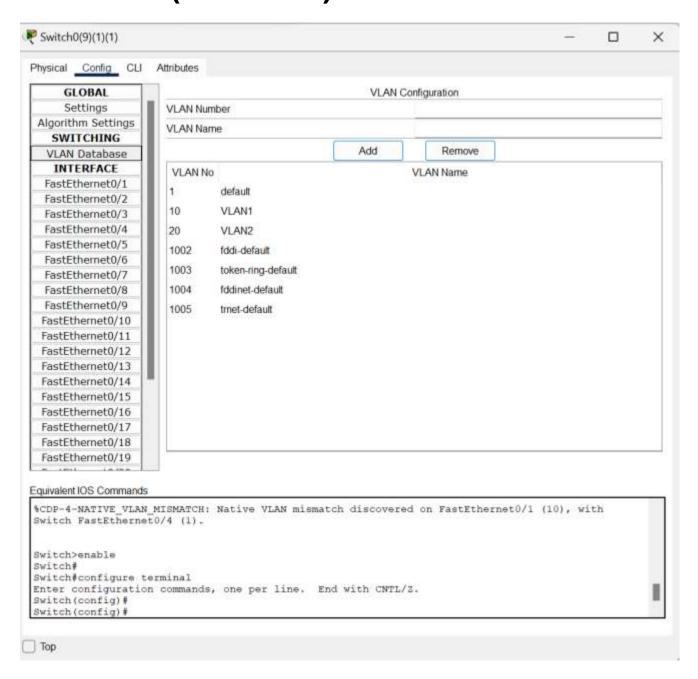




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VLAN – 3 (Database)





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VLAN – 3 (PDU Utility)

