

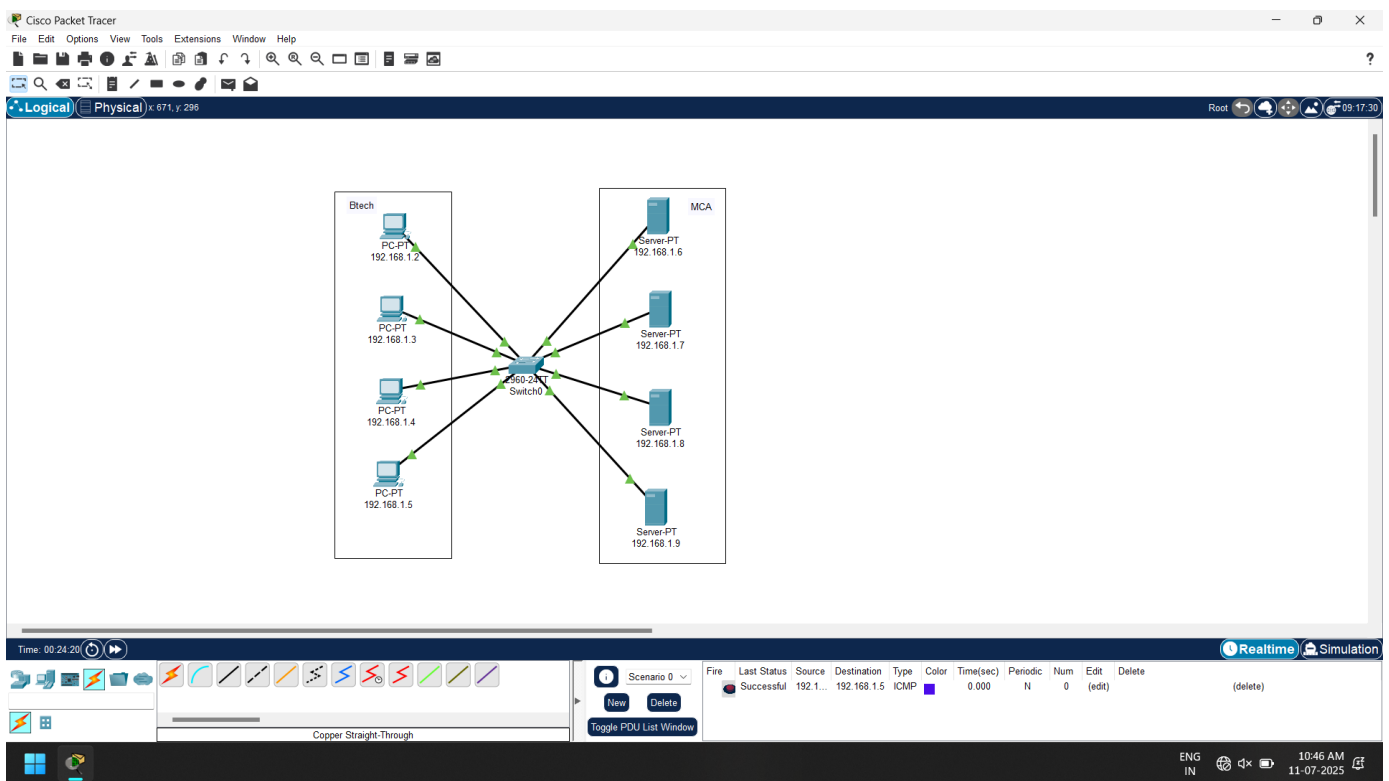
Date: 21/08/2025

Lab Practical #05:

Study the concept of VLAN using packet tracer.

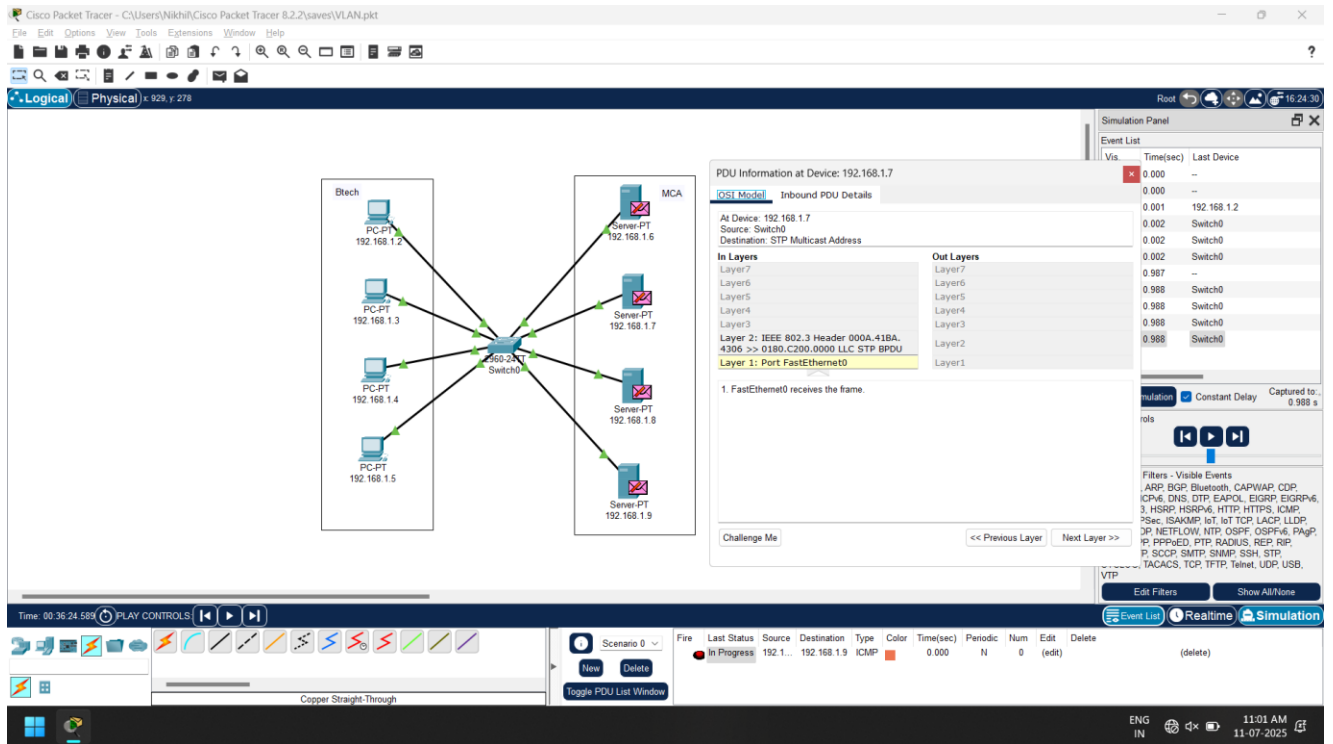
Practical Assignment #05:

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





Date: 21/08/2025



Switch0

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/1

FastEthernet0/2

FastEthernet0/3

FastEthernet0/4

FastEthernet0/5

FastEthernet0/6

FastEthernet0/7

FastEthernet0/8

FastEthernet0/9

FastEthernet0/10

FastEthernet0/11

FastEthernet0/12

FastEthernet0/13

FastEthernet0/14

FastEthernet0/15

FastEthernet0/16

FastEthernet0/17

VLAN Configuration

VLAN Number

VLAN Name

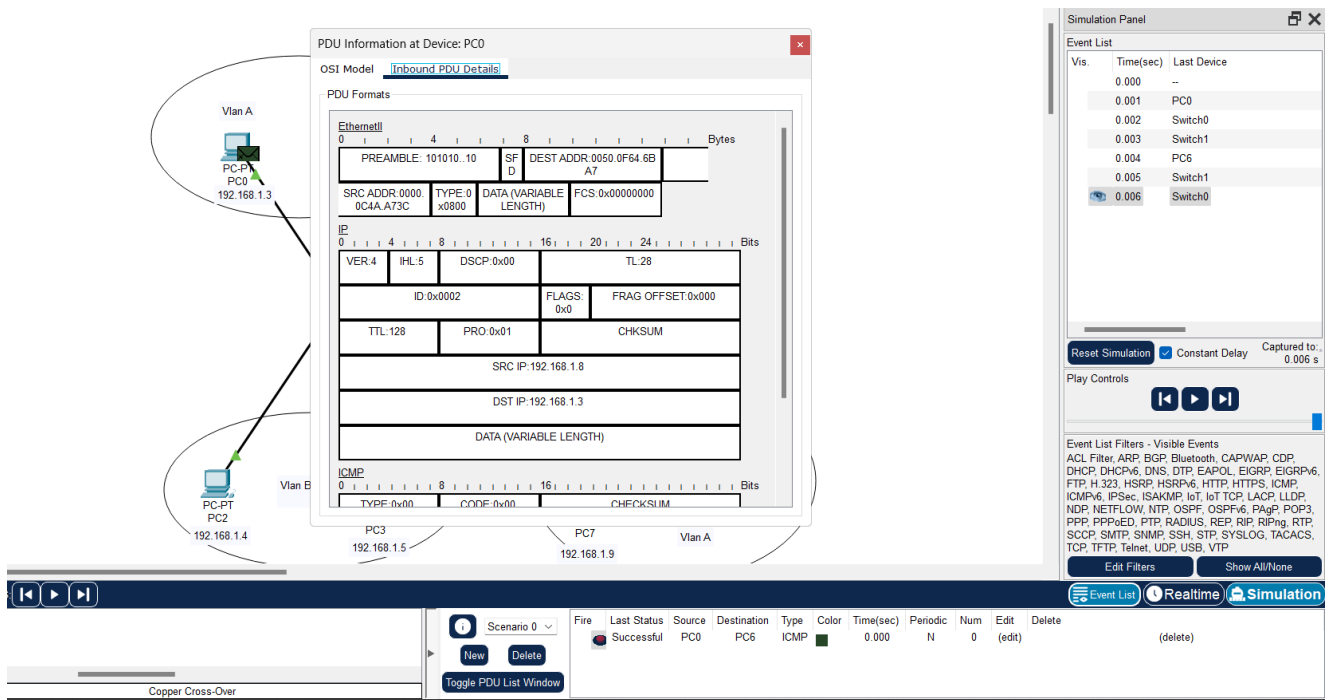
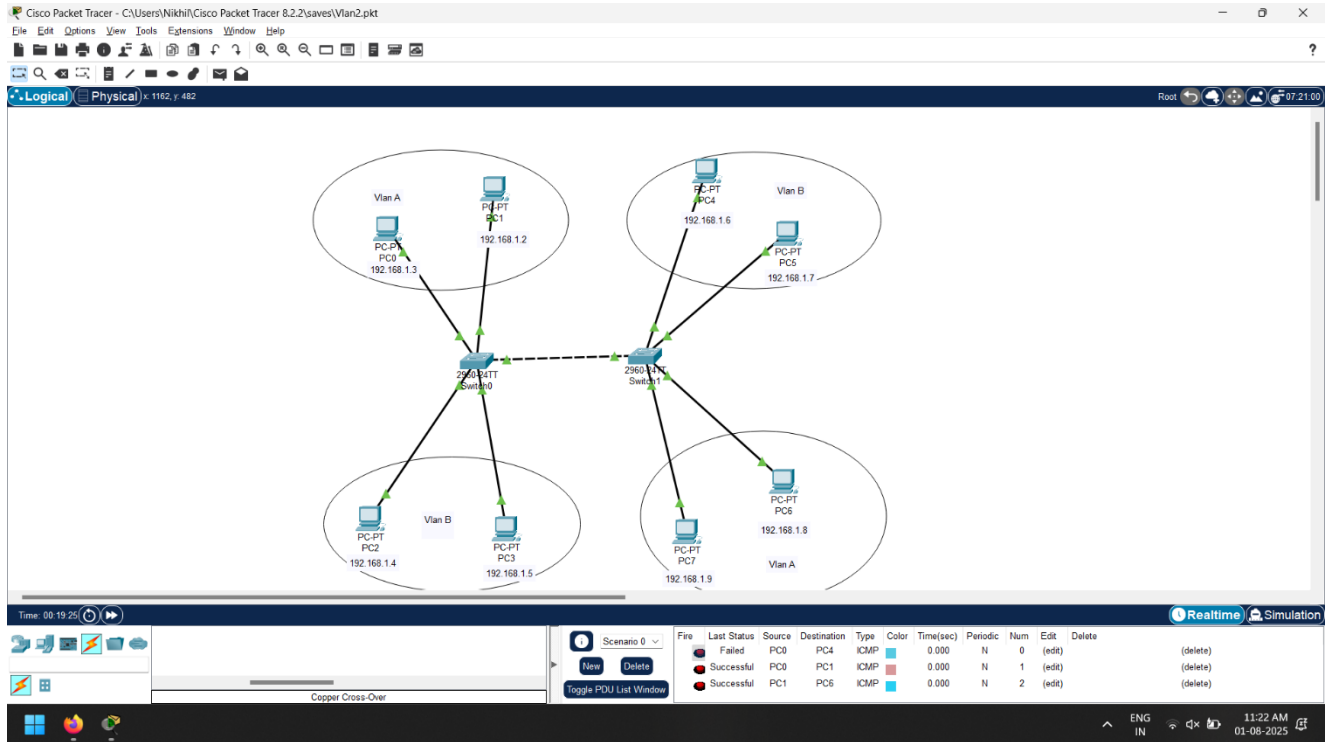
Add Remove

VLAN No	VLAN Name
1	default
10	BTech
20	MCA
1002	fddi-default
1003	token-ring-default
1004	fddinet-default
1005	trnet-default

Equivalent IOS Commands

```
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/8
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/9
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/8
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#
Switch(config)#
```

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