

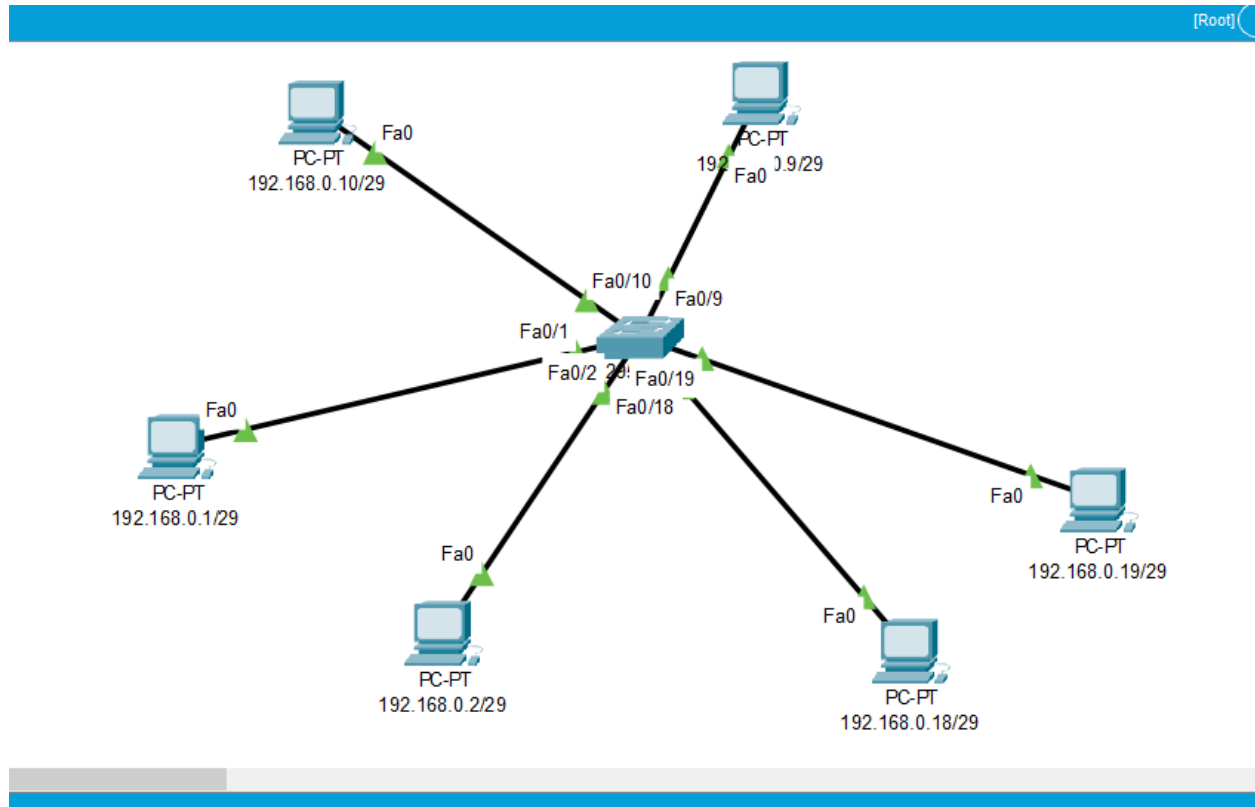
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Kelas : X

Modul 3

Percobaan 1



Vlan 2

```
Switch>en
Switch#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name FK11
Switch(config-vlan)#int range fa0/9 - 10
Switch(config-if-range)#switchport access vlan 2
^
% Invalid input detected at '^' marker.

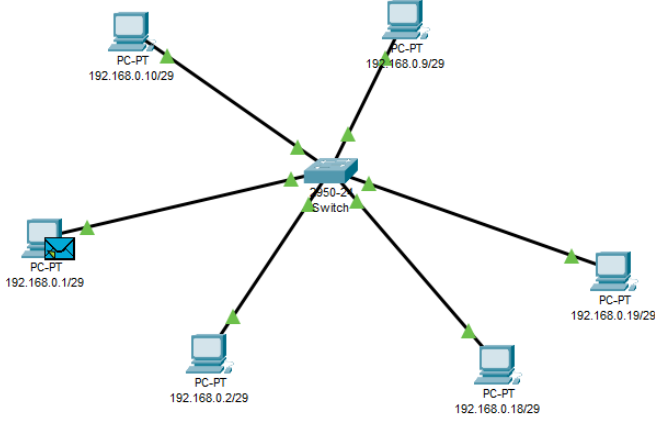
Switch(config-if-range)#switchport access vlan 2
^
% Invalid input detected at '^' marker.

Switch(config-if-range)#switchport access vlan 2
Switch(config-if-range)#^Z
Switch#
%SYS-5-CONFIG_I: Configured from console by console
```

Vlan 3

```
Switch#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 3
Switch(config-vlan)#name FK12
Switch(config-vlan)#int range fa0/18 - 19
Switch(config-if-range)#switchport access vlan 3
Switch(config-if-range)#
```

Test Ping



The network diagram shows a central switch labeled '950-24 Switch' connected to eight PCs. The PCs are arranged in two groups of four, each connected to a different port range on the switch. The PCs on the left are labeled 'PC-PT 192.168.0.10/29', 'PC-PT 192.168.0.1/29', 'PC-PT 192.168.0.2/29', and 'PC-PT 192.168.0.18/29'. The PCs on the right are labeled 'PC-PT 192.168.0.9/29', 'PC-PT 192.168.0.1/29', 'PC-PT 192.168.0.2/29', and 'PC-PT 192.168.0.18/29'.

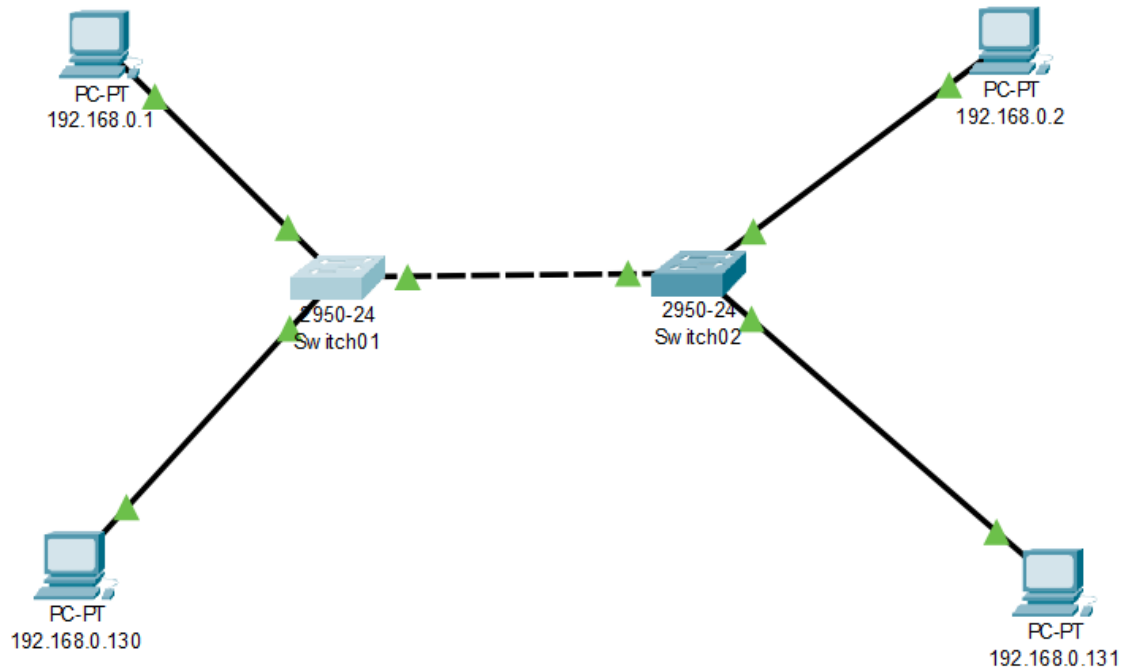
The Simulation Panel on the right shows the Event List and Play Controls. The Event List table is as follows:

Vis.	Time(sec)	Last Device	At Device	Type
	1.004	Switch	192.168.0.1...	STP
	1.004	192.168.0.1/29	Switch	ARP
	1.005	Switch	192.168.0.2/29	ARP
	1.006	192.168.0.2/29	Switch	ARP
	1.007	Switch	192.168.0.1/29	ARP
	1.007	--	192.168.0.1/29	ICMP
	1.008	192.168.0.1/29	Switch	ICMP
	1.009	Switch	192.168.0.2/29	ICMP
	1.010	192.168.0.2/29	Switch	ICMP
	1.011	Switch	192.168.0.1/29	ICMP

The Play Controls section includes a 'Reset Simulation' button, a 'Constant Delay' checkbox, and a 'Captu' button. The Event List Filters - Visible Events section lists various protocols and services supported by the simulation.

Kesimpulan : Paket tidak dapat dikirimkan pada Vlan yg berbeda .

Percobaan 2



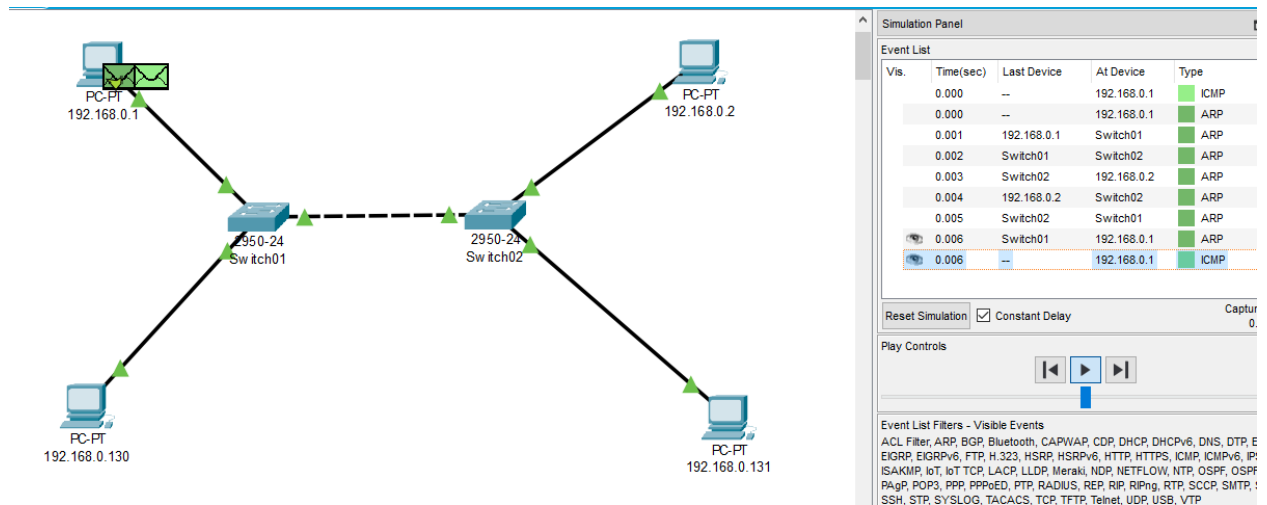
Setting Vlan 2 pada Switch 01

```
Switch>en
Switch#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name VLAN2
Switch(config-vlan)#int range fa0/15
Switch(config-if-range)#switchport access vlan 2
Switch(config-if-range)#
```

Setting Vlan 2 pada Switch 02

```
Switch#en
Switch#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name VLAN2
Switch(config-vlan)#int range fa0/14
Switch(config-if-range)#switchport access vlan 2
Switch(config-if-range)#
```

Test ping pada VLAN yang sama



Test ping pada VLAN yang berbeda

