

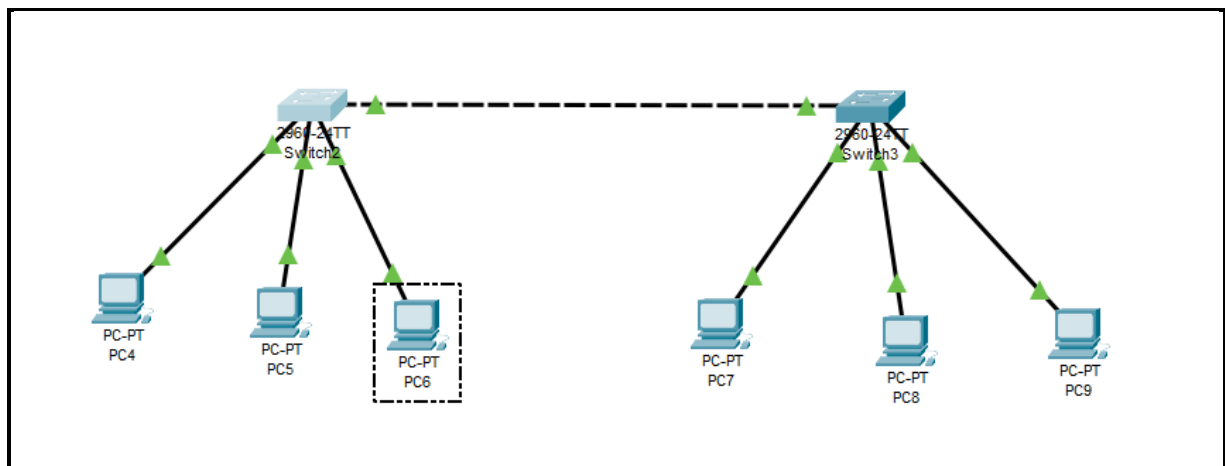
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Nim : 09010182327010

Kelas : MI3A

Praktikum Jaringan Komputer

SWITCH



```
09010282327034_VTP_SERVER#show vtp status
VTP Version capable      : 1 to 2
VTP version running      : 2
VTP Domain Name          : jarkom.ilkom.unsri.ac.id
VTP Pruning Mode         : Disabled
VTP Traps Generation     : Disabled
Device ID                : 0060.7081.E900
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:45
Local updater ID is 0.0.0.0 (no valid interface found)

Feature VLAN :
-----
VTP Operating Mode       : Server
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 7
MD5 digest               : 0xF5 0x0C 0xD3 0xB3 0xD2 0x01 0x78 0x62
                        : 0x7B 0xE7 0x5E 0xE3 0x77 0x17 0x5C 0xE2
09010282327034_VTP_SERVER#show interface trunk
```

```

09010282327034_VTP_SERVER#show interface trunk
Port      Mode      Encapsulation  Status      Native vlan
Fa0/24    on        802.1q         trunking    1

Port      Vlans allowed on trunk
Fa0/24    1-1005

Port      Vlans allowed and active in management domain
Fa0/24    1,2,3,4

Port      Vlans in spanning tree forwarding state and not pruned
Fa0/24    1,2,3,4

09010282327034_VTP_SERVER#

```

```

09010282327034_VTP_CLIENT#show vtp status
VTP Version capable      : 1 to 2
VTP version running      : 2
VTP Domain Name          : jarkom.ilkom.unsri.ac.id
VTP Pruning Mode         : Disabled
VTP Traps Generation     : Disabled
Device ID                : 0001.963C.3B00
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:45

Feature VLAN :
-----
VTP Operating Mode       : Client
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 7
MD5 digest               : 0xF5 0x0C 0xD3 0xB3 0xD2 0x01 0x78 0x62
                        : 0x7B 0xE7 0x5E 0xE3 0x77 0x17 0x5C 0xE2

09010282327034_VTP_CLIENT#show interface trunk

```

```

09010282327034_VTP_CLIENT#show interface trunk
Port      Mode      Encapsulation  Status      Native vlan
Fa0/24    on        802.1q         trunking    1

Port      Vlans allowed on trunk
Fa0/24    1-1005

Port      Vlans allowed and active in management domain
Fa0/24    1,2,3,4

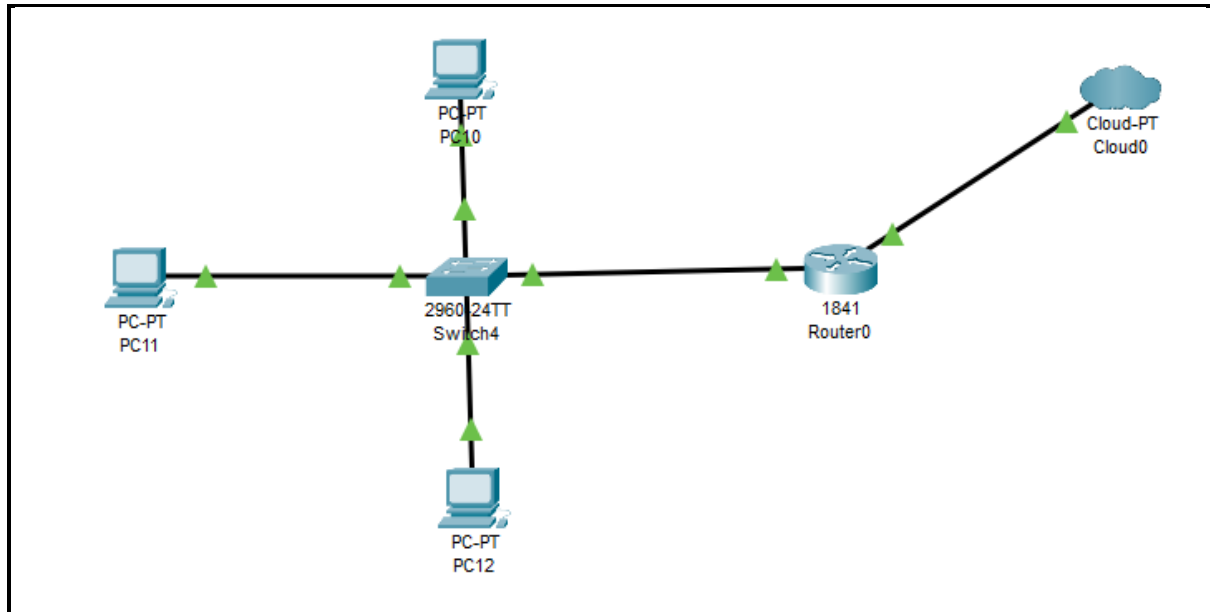
Port      Vlans in spanning tree forwarding state and not pruned
Fa0/24    1,2,3,4

09010282327034_VTP_CLIENT#

```

NAT

(Network Address Translation)



VLAN	Name	Status	Ports
1	default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Gig0/1, Gig0/2
2	humas	active	Fa0/1
3	keuangan	active	Fa0/2
4	IT	active	Fa0/3

VLAN	NAME	Status	Port
1	Default	Active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Gig0/1, Gig0/2
2	Humas	Active	Fa0/1
3	Kuangan	Active	Fa0/2
4	IT	Active	Fa0/3

ROUTER_I#sh ip dhcp binding			
IP address	Client-ID/ Hardware address	Lease expiration	Type
192.168.200.2	00D0.58B4.05CD	--	Automatic
192.168.100.2	0030.A3E7.7553	--	Automatic
192.168.150.2	0090.21E6.C1A6	--	Automatic

No	IP Address	Mac Address	Lease Expiration	Type
1	192.168.200.2	00D0.50B4.05CD	- -	Automic
2	192.168.200.2	0030.A3E7.7553	- -	Automic
3	192.168.150.2	0090.21E6.C1A6	- -	Automic

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.200.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.200.1

DNS Server

222.124.194.11

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.100.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.100.1

DNS Server

222.124.194.11

IP Configuration

☒ DHCP

☐ Static

IPv4 Address

192.168.150.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.150.1

DNS Server

222.124.194.11

No	Client	IP Addres	Netmask	Gateway	Dns
1	PC 1	192.168.200.2	255.255.255.0	192.168.200.1	222.124.194.11
2	PC 2	192.168.100.2	255.255.255.0	192.168.100.1	222.124.194.11
3	PC 3	192.168.150.2	255.255.255.0	192.168.150.1	222.124.194.11

No	Sumber	IP Address	Hasil Ya / Tidak	Website	Hasil Ya / Tidak
1	PC 1	192.168.200.2	Ya	www.google.com	Tidak
2	PC 2	192.168.100.2	Ya	www.google.com	Tidak
3	PC 3	192.168.120.2	Ya	www.google.com	Tidak