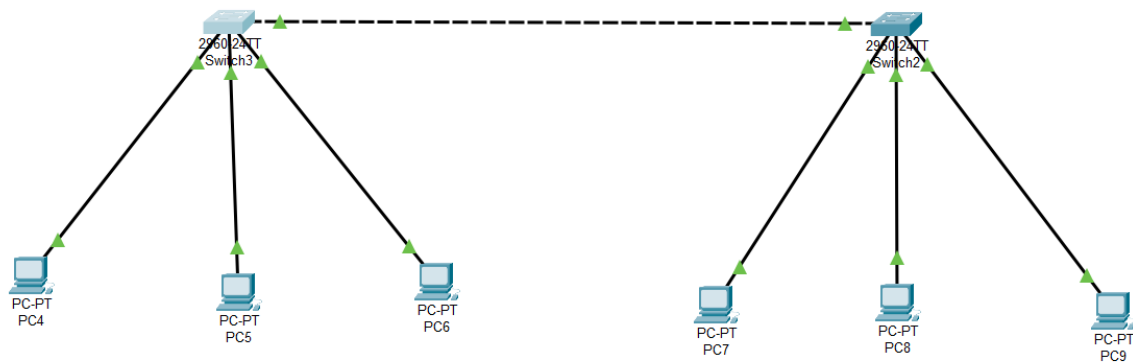


NAMA : HENDRAWAN FAUZI

NIM : 09010182327003

KELAS : MI3A

## SWITCH



## Switch Server

```
(09010182327003)-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                : 000C.85B1.7B00
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:21

Feature VLAN :
-----
VTP Operating Mode       : Client
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 3
MD5 digest               : 0xAA 0x79 0x25 0x45 0x03 0x5B 0x0E 0xAE
                        : 0x93 0xEB 0x0A 0xB5 0xF6 0x0A 0xB1 0xB3
```

```
(09010182327003)-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
```

## Switch Client

```
(09010182327003)-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                 : 000C.85B1.7B00
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:21

Feature VLAN :
-----
VTP Operating Mode       : Client
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 3
MD5 digest               : 0xAA 0x79 0x25 0x45 0x03 0x5B 0x0E 0xAE
                          0x93 0xEB 0x0A 0xB5 0xF6 0x0A 0xB1 0xB3
```

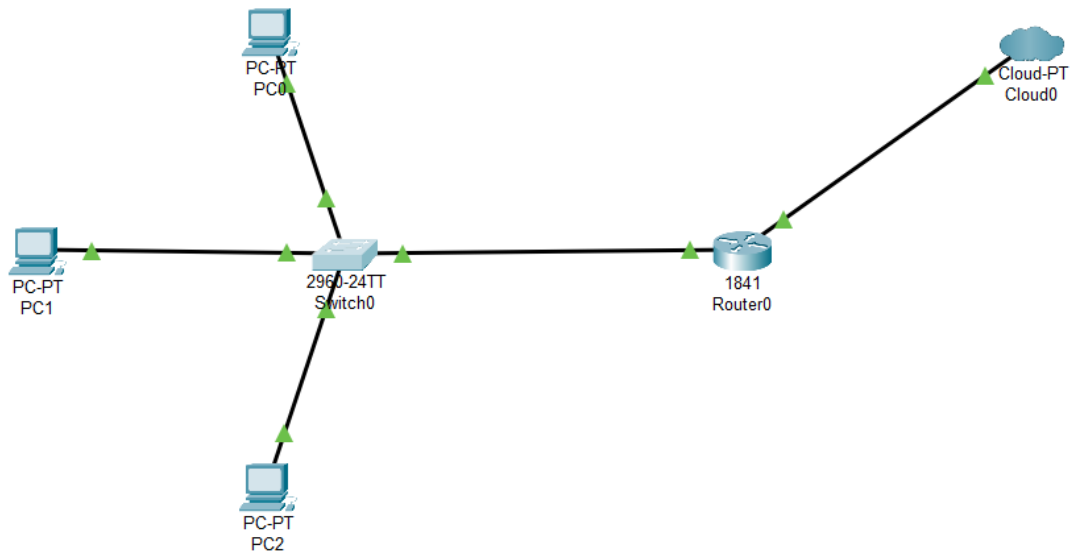
```
(09010182327003)-VTP_CLIENT#show interface trunk
Port      Mode      Encapsulation  Status      Native vlan
Fa0/24    on        802.1q         trunking    1

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
```

## NAT ( Network Addres Translation )



## Switch Distribusi

```
switch_disrtibusi_distribusi#show vlan
```

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 Fa0/24, Gig0/1, Gig0/2
2	humas	active	Fa0/1
3	keuangan	active	Fa0/2
4	IT	active	Fa0/3
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0

--More-- |

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

## IP Router

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 Adress	Lease Expiration	Type
1	192.168.200.2	00D0.9097.15B9	- -	Automatic
2	192.168.200.2	0005.5EE6.31B3	- -	Automatic
3	192.168.150.2	0002.166D.7AC5	- -	Automatic

## PC for IP Configuration :

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

**Tabel Daftar IP Client**

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

**Tabel Tes Koneksi Ke sebuah website**

<b>No</b>	<b>Sumber</b>	<b>IP Address</b>	<b>Hasil Ya / Tidak</b>	<b>Website</b>	<b>Hasil Ya / Tidak</b>
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	192.168.150.2	Ya	www.google.com	Tidak