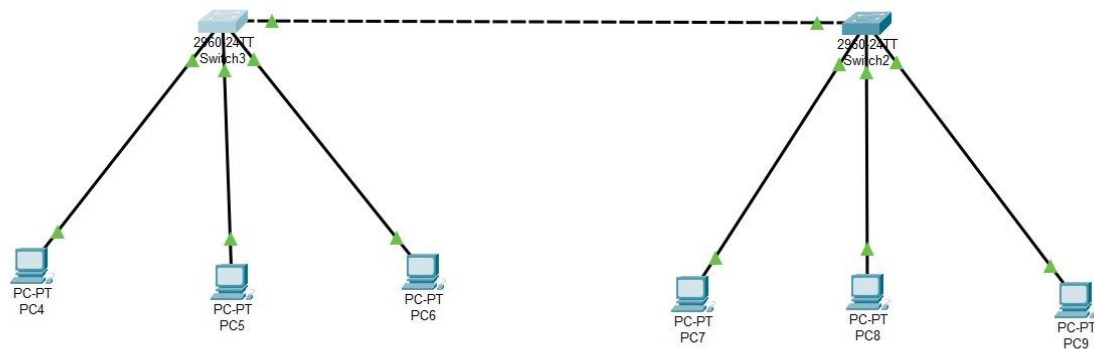


NAMA : RIDHO KURNIA HARLIZ  
NIM : 09010182327019  
KELAS : MI-3A  
MATA KULIAH : PRAKTIKUM JARINGAN KOMPUTER

## SWITCH



## SWITCH SERVER

```
(09010182327019)-VTP_CLIENT#show vtp status
VTP Version : 2
Configuration Revision : 3
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
VTP Operating Mode : Client
VTP Domain Name : jarkom.ilkom.unsri.ac.id
VTP Pruning Mode : Disabled
VTP V2 Mode : Enabled
VTP Traps Generation : Disabled
MD5 digest : 0x80 0x20 0x9D 0xC1 0x16 0xA8 0x2B 0x74
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:03
```

```
(09010182327019)-VTP_CLIENT#show int
(09010182327019)-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

(09010182327019)-VTP_CLIENT#
```

## SWITCH CLIENT

```
(09010182327019)-VTP_CLIENT#show vtp st
(09010182327019)-VTP_CLIENT#show vtp status
VTP Version                : 2
Configuration Revision     : 3
Maximum VLANs supported locally : 255
Number of existing VLANs   : 8
VTP Operating Mode         : Client
VTP Domain Name            : jarkom.ilkom.unsri.ac.id
VTP Pruning Mode           : Disabled
VTP V2 Mode                : Enabled
VTP Traps Generation       : Disabled
MD5 digest                 : 0x80 0x20 0x9D 0xC1 0x16 0xA8 0x2B 0x74
Configuration last modified by 0.0.0.0 at 3-1-93 00:26:03
```

```
(09010182327019)-VTP_CLIENT#show int
(09010182327019)-VTP_CLIENT#show interfaces trunk

(09010182327019)-VTP_CLIENT#
%LINK-5-CHANGED: Interface FastEthernet0/24, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up
show interfaces trunk
Port      Mode           Encapsulation  Status        Native vlan
Fa0/24    on             802.1q         trunking      1

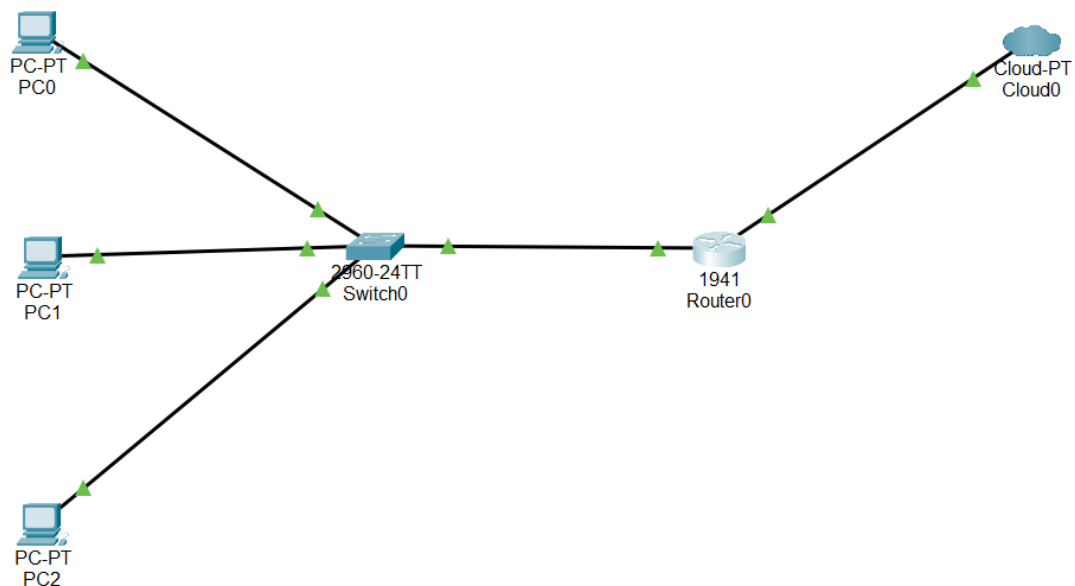
Port      Vlans allowed on trunk
Fa0/24    1-1005

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

(09010182327019)-VTP_CLIENT#
```

## NAT ( Network Addres Translation )



## SWITCH DISTRIBUSI

```
switch_distribusi_distribusi#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
switch_distribusi_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	
<input checked="" type="radio"/> DHCP	<input type="radio"/> 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	
<input checked="" type="radio"/> DHCP	<input type="radio"/> 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	
<input checked="" type="radio"/> DHCP	<input type="radio"/> 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 Address	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**

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	192.168.150.2	Ya	www.google.com	Tidak