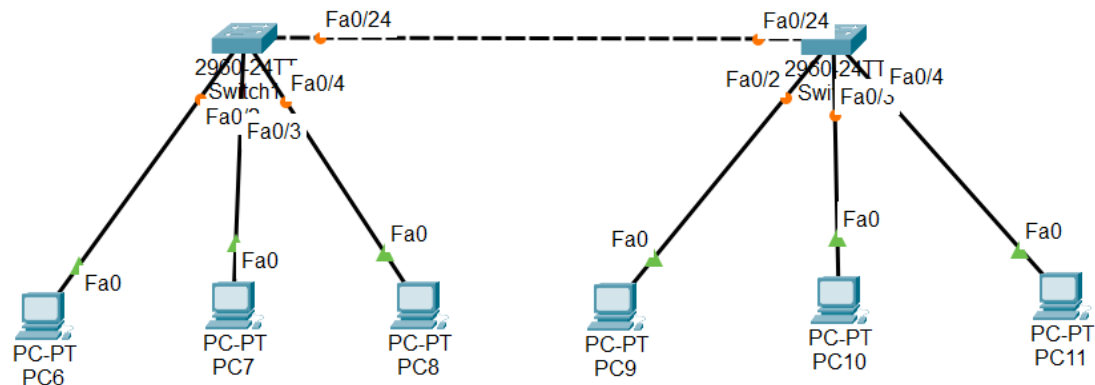


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 NIM : 09010182327011  
 Kelas : MI 3A  
 Matkul: Praktikum Jaringan Komputer



## SWITCH VTP SERVER

```

09010182327011-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                : 0001.9731.9D00
Configuration last modified by 0.0.0.0 at 3-1-93 00:16:09
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    : 0
MD5 digest               : 0x3C 0x15 0x67 0x70 0x1C 0x8E 0x49 0x1A
                        : 0xD1 0x35 0x6F 0xAA 0xC8 0xEA 0x74 0xD7

09010182327011-VTP_SERVER#show int 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 VTP CLIENT

```
09010182327011-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                : 000A.4104.2700
Configuration last modified by 0.0.0.0 at 3-1-93 00:25:49

Feature VLAN :
-----
VTP Operating Mode       : Client
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 0
MD5 digest               : 0xE3 0x0C 0x84 0xF7 0x03 0xDE 0x80 0x04
                        : 0x89 0xA8 0x21 0x27 0x84 0xCF 0x62 0x12
```

```
09010182327011-VTP_CLIENT#show int trunk
Port      Mode      Encapsulation  Status      Native vlan
Fa0/24    on        802.1q         trunking     1

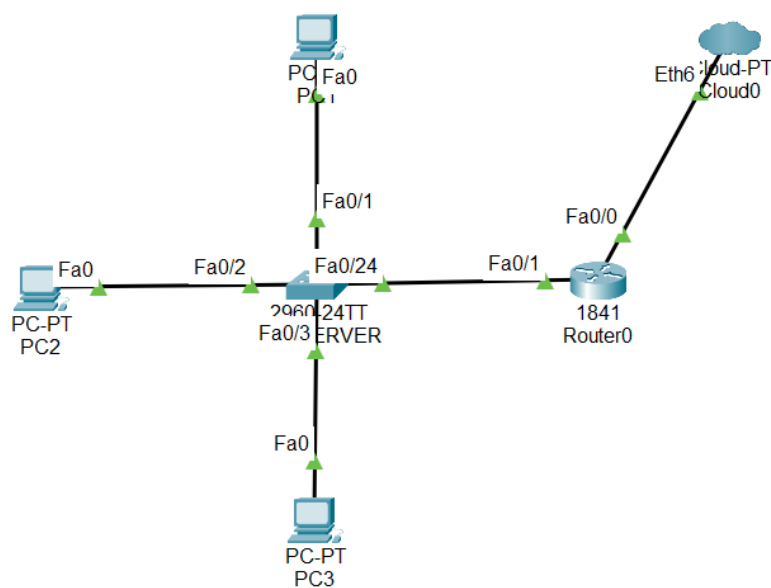
Port      Vlans allowed on trunk
Fa0/24    1-1005

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    none
```

## TUGAS

### ☐ NAT PERCOBAAN



## 1. KONFIGURASI SWITCH

```
09010182327011_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 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	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
1002	Fddi-default	active	
1003	Token-ring-default	active	
1004	Fddinet-default	active	
1005	trnet-default	active	

## 2. KONFIGURASI ROUTER

### Melihat Daftar IP dari Client

```
ROUTER_I#sh ip dhcp binding
```

IP address	Client-ID/ Hardware address	Lease expiration	Type
192.168.200.2	0007.EC96.4884	--	Automatic
192.168.100.2	0060.4782.D107	--	Automatic
192.168.150.2	00D0.58B4.D39C	--	Automatic

NO	IP ADDRESS	MAC ADDRESS	LEASE EXPIRATION	TYPE
1	192.168.200.2	0007.EC96.4884	—	Automatic
2	192.168.100.2	0060.4782.D107	—	Automatic
3	192.168.150.2	00D0.58B4.D39C	—	Automatic

## Daftar IP Client

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

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

PC2

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

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

PC3

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

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 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

**Tes Koneksi Ke sebuah website (catat hasil yang anda dapat)**

NO	SUMBER	IP GATEWAY	HASIL	WEBSITE	HASIL
			YA / TIDAK		YA / TIDAK
1	PC 1	192.168.200.1	TIDAK	<a href="http://www.google.com">www.google.com</a>	TIDAK
2	PC 2	192.168.100.1	TIDAK	<a href="http://www.google.com">www.google.com</a>	TIDAK
3	PC 3	192.168.150.1	TIDAK	<a href="http://www.google.com">www.google.com</a>	TIDAK