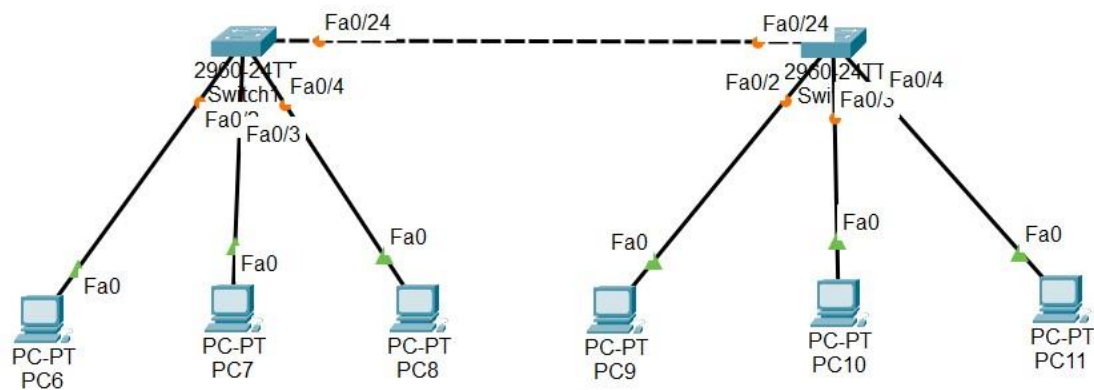Nama   : Shiffa Rahmadani
Nim   : 09010282327028
Kelas   : MI 3A

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
```
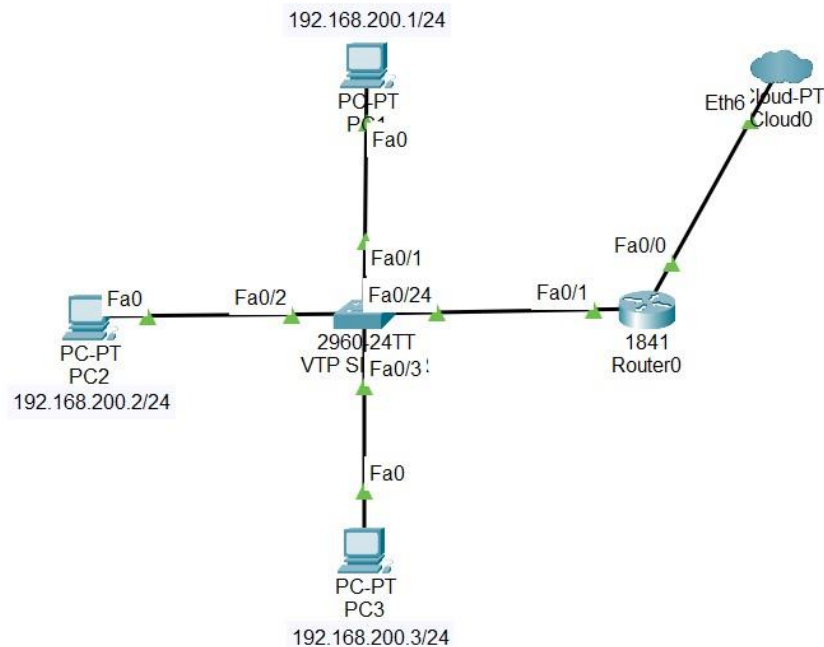
☐ **NAT PERCOBAAN**

1. KONFIGURASI SWITCH

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/              Lease expiration        Type
                  Hardware address
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

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

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

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	192.168.200.21	255.255.255.0	192.168.200.1	222.124.194.11
2	PC 2	192.168.200.2	255.255.255.0	192.168.100.1	222.124.194.11
3	PC 3	192.168.200.3	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 YA / TIDAK	WEBSITE	HASIL YA / TIDAK
1	PC 1	192.168.200.1	TIDAK	www.google.com	TIDAK
2	PC 2	192.168.100.1	TIDAK	www.google.com	TIDAK
3	PC 3	192.168.150.1	TIDAK	www.google.com	TIDAK