Nama   : M.Fatihul Rahman

Nim   : 09010282327035

Kelas   : MI3A

MK   : Praktikum Jaringan Komputer

SWITCH
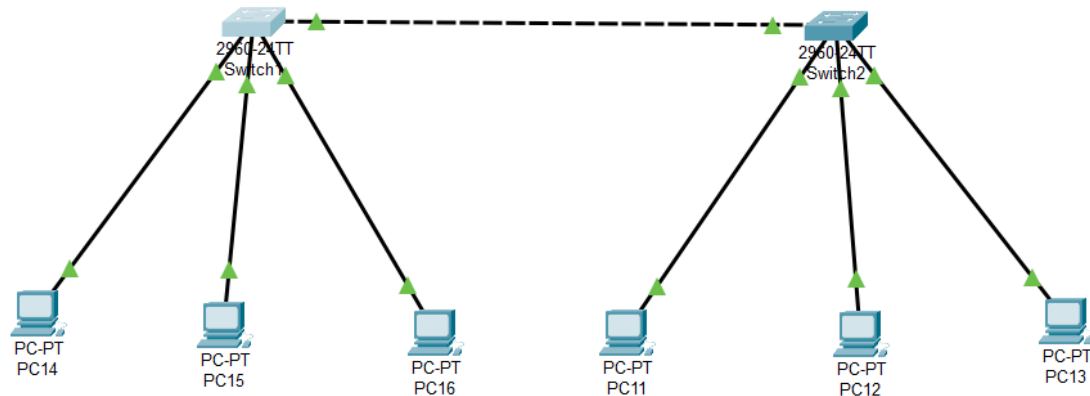

Table vtp status

```
09010282327035-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                      : 000C.8523.0300
Configuration last modified by 0.0.0.0 at 3-1-93 00:21:31
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                     : 0xE1 0x60 0x1D 0xB0 0xBA 0x58 0x27 0x7B
                                 0x20 0x16 0x84 0x3C 0x81 0x64 0x59 0x09
09010282327035-VTP_SERVER#

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
```

Status client

```
09010282327035-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                       : 0002.17B7.4300
Configuration last modified by 0.0.0.0 at 3-1-93 00:32:12

Feature VLAN :
--------------
VTP Operating Mode              : Client
Maximum VLANs supported locally : 255
Number of existing VLANs        : 8
Configuration Revision          : 8
MD5 digest                      : 0x9B 0xCD 0xFB 0xBD 0x01 0xD4 0xF6 0xFD
                                  0x5F 0x53 0x42 0xE7 0xD5 0x3A 0xAB 0x12

09010282327035-VTP_CLIENT#
```

```
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
```
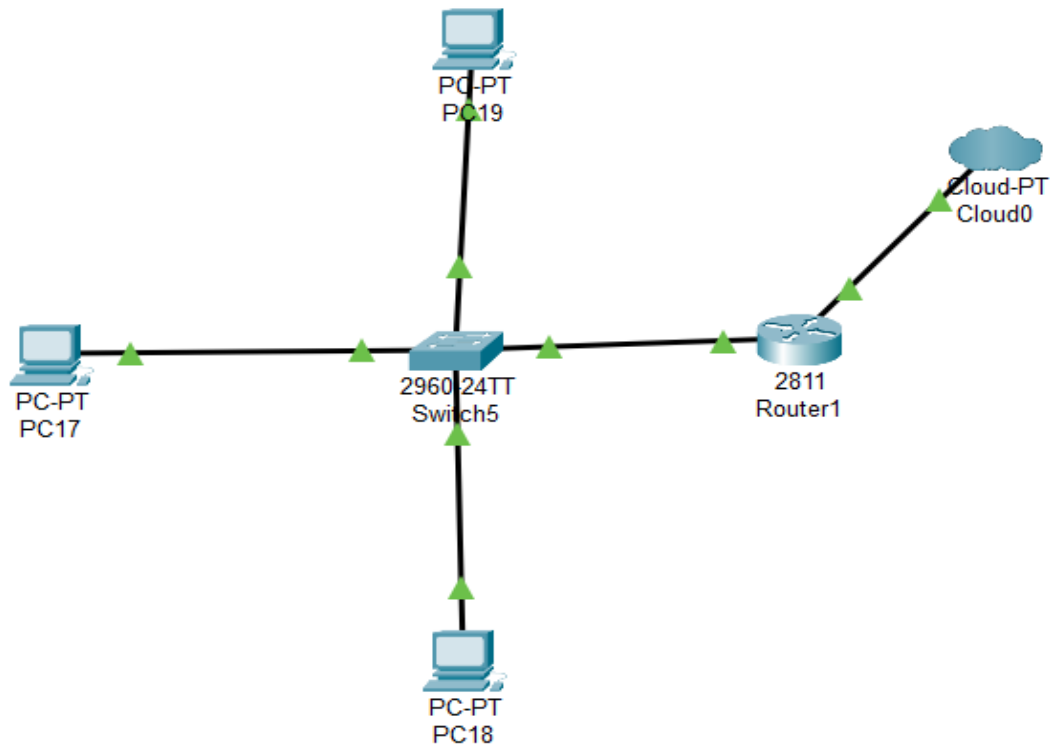
NAT

(Network Address Translation)


```
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
                                                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	Keuangan	Active	Fa0/2
4	IT	Active	Fa0/3

```
ROUTER_I#sh ip dhcp binding
IP address        Client-ID/              Lease expiration        Type
                  Hardware address
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	00D0.50B4.05CD	- -	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