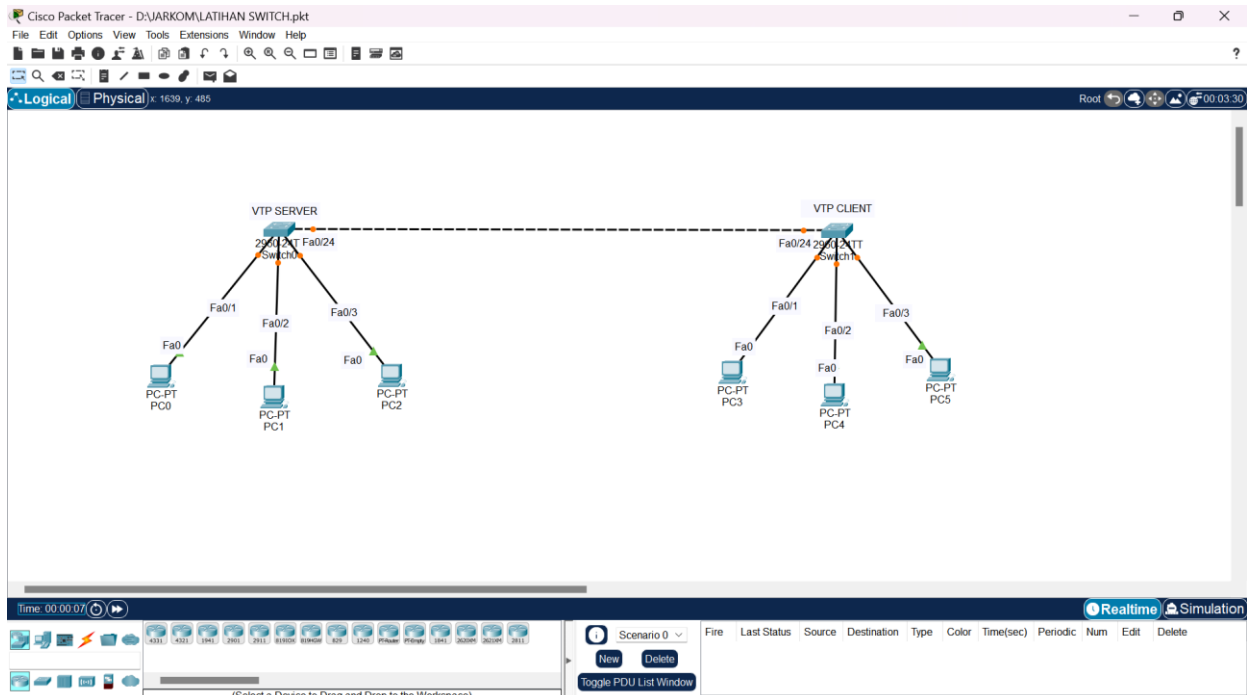


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## LAPORAN PRAKTIKUM JARINGAN KOMPUTER

### LATIHAN SWITCH



### SWITCH VTP SERVER

```
Switch0
Physical Config CLI Attributes
IOS Command Line Interface

S-VTP-SERVER
User Access Verification
Password:
09010182327015-VTP_SERVER>show vtp status
VTP Version capable : 1 to 2
VTP version running : 2
VTP Domain Name : jackom.ilkom.unsri.ac.id
VTP Pruning Mode : Disabled
VTP Traps Generation : Disabled
Device ID : 0060.5C60.7500
Configuration last modified by 0.0.0.0 at 3-1-93 00:37:10
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 : 7
MD5 digest :
0xA4 0xB9 0x50 0x00 0x07 0x1B 0xA0 0xE5
0xA1 0x5F 0x96 0x4B 0x9A 0xC6 0x1B 0xCB

09010182327015-VTP_SERVER>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

09010182327015-VTP_SERVER>
```

## SWITCH VTP CLIENT

```
Switch1
Physical Config CLI Attributes
IOS Command Line Interface

09010182327015-VTP_CLIENT#vtp mode client
Setting device to VTP CLIENT mode.
09010182327015-VTP_CLIENT(config)#vtp domain jarkom.ilkom.unsri.ac.id
Domain name already set to jarkom.ilkom.unsri.ac.id.
09010182327015-VTP_CLIENT(config)#vtp password jarkom
Setting device VLAN database password to jarkom
09010182327015-VTP_CLIENT(config)#interface fastEthernet 0/24
09010182327015-VTP_CLIENT(config-if)#switchport mode trunk
09010182327015-VTP_CLIENT(config-if)#exit
09010182327015-VTP_CLIENT(config)#exit
09010182327015-VTP_CLIENT#
%SYS-5-CONFIG_I: Configured from console by console

09010182327015-VTP_CLIENT#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
09010182327015-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                 : 00D0.BC25.7300
Configuration last modified by 0.0.0.0 at 3-1-93 00:37:10

Feature VLAN :
-----
VTP Operating Mode      : Client
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
Configuration Revision   : 7
MD5 digest               : 0xA4 0xB9 0x50 0x00 0x07 0x1B 0xA0 0xE5 |
                          0xA1 0x5F 0x96 0x4B 0x9A 0xC6 0x1B 0xCB

09010182327015-VTP_CLIENT#show interface trunk
Port      Mode      Encapsulation  Status      Native vlan
Fa0/24    on        802.1q         trunking    1

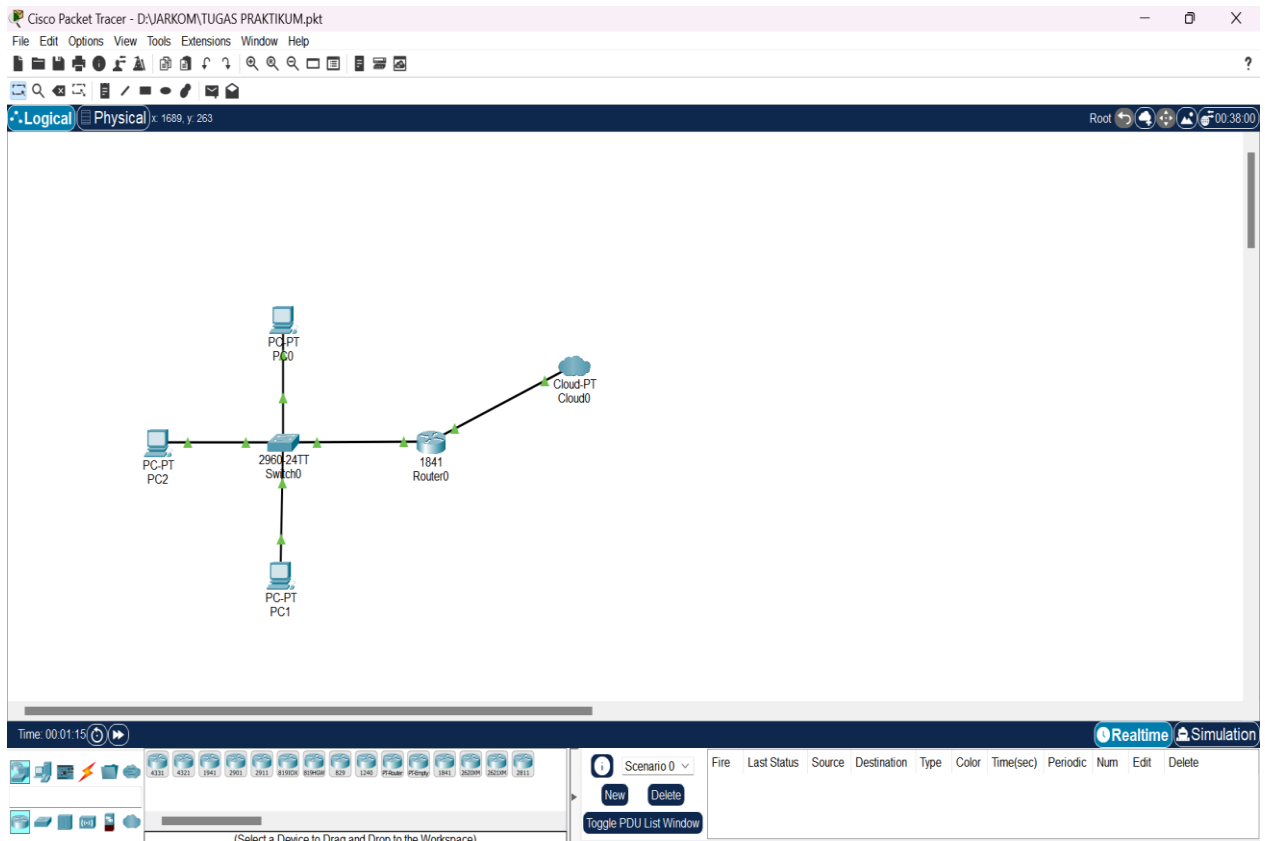
Port      Vlans allowed on trunk
Fa0/24    1-1005

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

09010182327015-VTP_CLIENT#
```

## TOPOLOGI PERCOBAAN NAT



1. KONFIGURASI SWITCH

Melihat Daftar VLAN

```
SWITCH_DISTRIBUSI>enable
Password:
SWITCH_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 - Fa0/23,Gig0/1, Gig0/2
2	Humas	Active	Fa0/1
3	Keuangan	Active	Fa0/2
4	IT	Active	Fa0/3

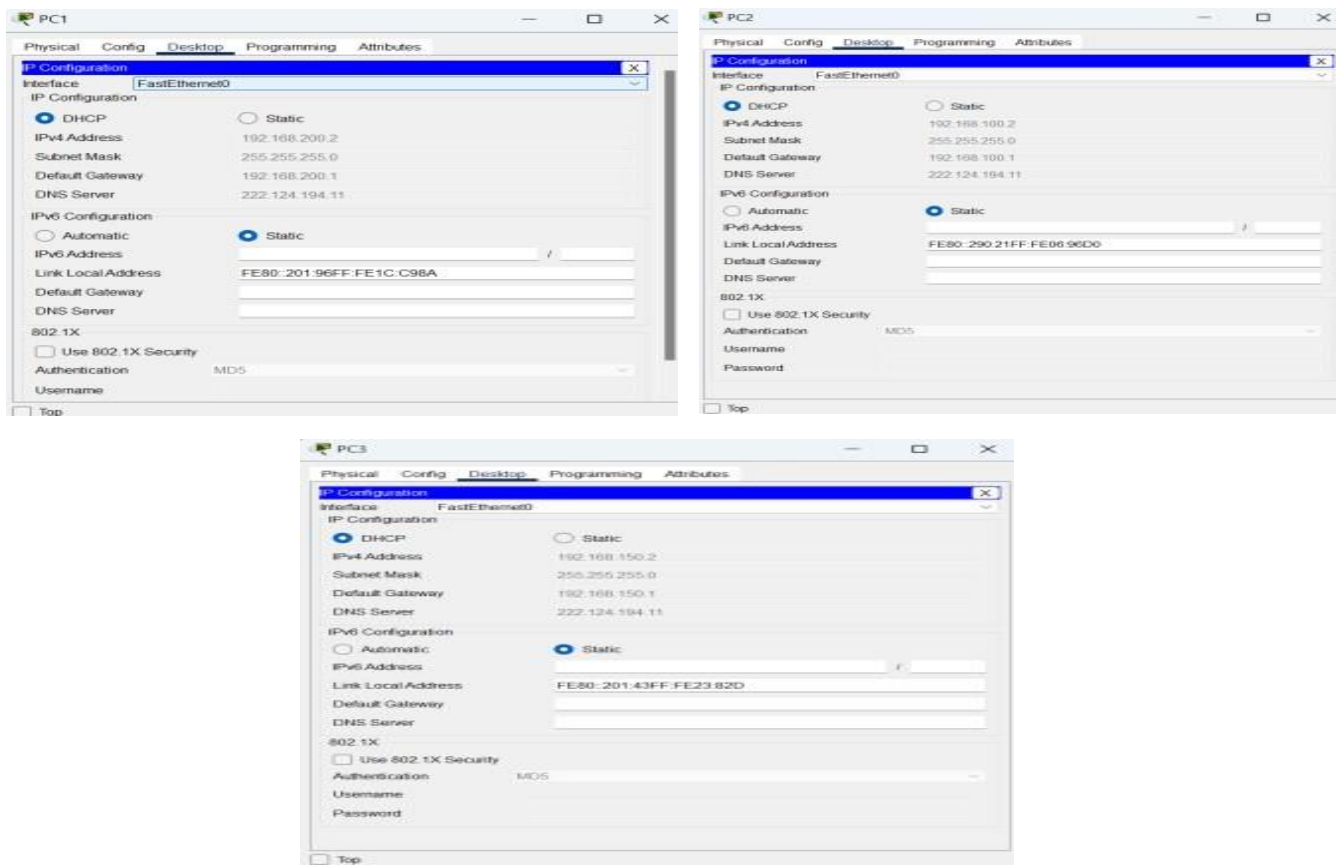
2. KONFIGURASI ROUTER

Melihat daftar IP dari Client

```
ROUTER_I>enable
Password:
ROUTER_I#sh ip dhcp binding
IP address      Client-ID/      Lease expiration    Type
                Hardware address
192.168.200.2    0001.961C.C98A   --                   Automatic
192.168.100.2    0090.2106.96D0   --                   Automatic
192.168.150.2    0001.4323.082D   --                   Automatic
ROUTER_I#
```

NO	IP ADDRESS	MAC ADDRESS	LEASE EXPIRATION	TYPE
1	192.168.200.2	0001.961C.C98A	-	Automatic
2	192.168.100.2	0090.2106.96D0	-	Automatic
3	192.168.150.2	0001.4323.082D	-	Automatic

## DAFTAR IP CLIENT



NO	CLIENT	IP ADDRESS	NETMASK	GATEWAY	DNS
1	PC1	192.168.200.2	255.255.255.0	192.168.200.1	222.124.194.11
2	PC2	192.168.100.2	255.255.255.0	192.168.100.1	222.124.194.11
3	PC3	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 ADDRESS	HASIL YA/TIDAK	WEBSITE	HASIL YA/TIDAK
1	PC1	192.168.200.2	Ya	www.google.com	Tidak
2	PC2	192.168.100.2	Ya	www.google.com	Tidak
3	PC3	192.168.150.2	Ya	www.google.com	Tidak