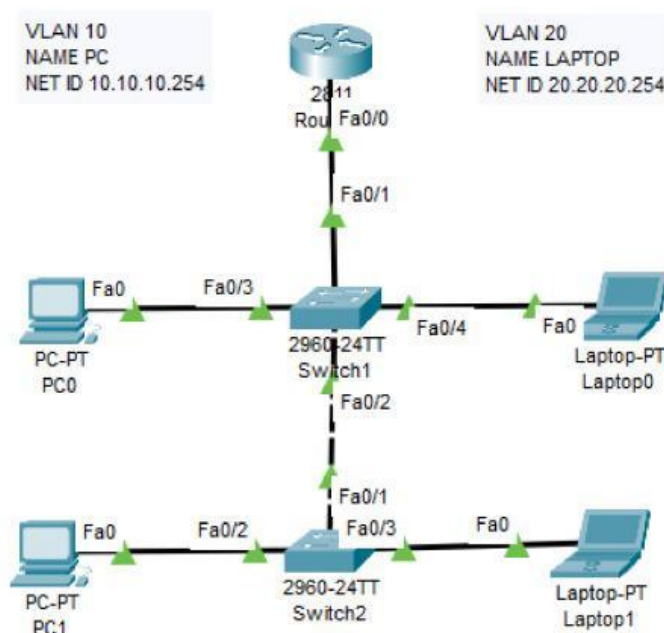


LEMBAR KERJA PESERTA DIDIK (LKPD)
INTER-VLAN ROUTER

NAMA :

KELAS :

1. TOPOLOGI



2. ROUTER

Press RETURN to get started!

Router>enable

Router#

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface fastEthernet 0/0

Router(config-if)#

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#

Router(config-subif)#

%LINK-5-CHANGED: Interface FastEthernet0/0.10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface

FastEthernet0/0.10, changed state to up

Router(config-subif)#encapsulation dot1q 10

Router(config-subif)#ip address 10.10.10.254 255.255.255.0

Router(config-subif)#exit

Router(config)#interface fastEthernet 0/0.20

Router(config-subif)#

%LINK-5-CHANGED: Interface FastEthernet0/0.20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface

FastEthernet0/0.20, changed state to up

Router(config-subif)#

Router(config-subif)#ip address 20.20.20.254 255.255.255.0

Router(config-subif)#exit

Router(config)#do write

Building configuration...

[OK]

3. SWITCH 1

Switch>enable

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#

SW1(config)#vlan 10

SW1(config-vlan)#name PC

SW1(config-vlan)#exit

SW1(config)#vlan 20

SW1(config-vlan)#name LAPTOP

SW1(config-vlan)#exit

SW1(config)#int fastEthernet 0/1

SW1(config-if)#

SW1(config-if)#exit

SW1(config)#interface fastEthernet 0/3

SW1(config-if)#switchport mode access

SW1(config-if)#switchport access vlan 10

SW1(config-if)#exit

SW1(config)#interface fastEthernet 0/4

SW1(config-if)#switchport mode access

SW1(config-if)#

SW1(config-if)#exit

SW1(config)#interface fastEthernet 0/2

SW1(config-if)#switchport mode trunk

SW1(config-if)#exit

SW1(config)#

Device mode already VTP SERVER.

SW1(config)#vtp domain entuy.my.id

Changing VTP domain name from NULL to entuy.my.id

SW1(config)#

Setting device VLAN database password to yangsemangatdong

SW1(config)#do write

Building configuration...

[OK]

4. SWITCH 2

Switch>enable

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#hostname SW2

SW2(config)#

Setting device to VTP CLIENT mode.

SW2(config)#vtp domain entuy.my.id

Domain name already set to entuy.my.id.

SW2(config)#vtp password yangsemangatdong

Setting device VLAN database password to yangsemangatdong

SW2(config)#interface fastEthernet 0/1

SW2(config-if)#switchport mode trunk

SW2(config-if)#exit

SW2(config)#interface fastEthernet 0/2

SW2(config-if)#switchport mode access

SW2(config-if)#switchport access vlan 10

SW2(config-if)#exit

SW2(config)#interface fastEthernet 0/3

SW2(config-if)#switchport mode access

SW2(config-if)#switchport access vlan 20

SW2(config-if)#exit

SW2(config)#do write

Building configuration...

[OK]

5. DRAG AND DROP

configure terminal

encapsulation dot1q 20

no shutdown

hostname SW1

interface fastEthernet 0/0.10

switchport mode trunk

switchport access vlan 20

vtp mode server

vtp password yangsemangatdong

vtp mode client