

Nama : Tio Prisbowo
Kelas : D3TIB

Konfigurasi Router

Physical Config CLI

IOS Command Line Interface

```
R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#int g0/1
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

R1(config-if)#int g0/1.10
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.10, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 10
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.10.1 255.255.255.0
R1(config-subif)#int g0/1.20
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.20, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 20
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.20.1 255.255.255.0
R1(config-subif)#int g0/1.30
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.30, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.30, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 30
R1(config-subif)#ip add
```

Copy Paste

Physical Config CLI

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.20, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 20
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.20.1 255.255.255.0
R1(config-subif)#int g0/1.30
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.30, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.30, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 30
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.30.1 255.255.255.0
R1(config-subif)#int g0/1.88
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.88, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.88, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 88
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.88.1 255.255.255.0
R1(config-subif)#int g0/1.99
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1.99, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1.99, changed state to up

R1(config-subif)#en
R1(config-subif)#encapsulation d
R1(config-subif)#encapsulation dot1Q 99
R1(config-subif)#ip add
R1(config-subif)#ip address 172.17.99.1 255.255.255.0
R1(config-subif)#
```

Copy Paste

Konfigurasi Switch

Physical Config CLI

IOS Command Line Interface

```
S1>conf t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#ip d
S1(config)#ip de
S1(config)#ip default-gateway 172.17.99.0
S1(config)#int f0/10
S1(config-if)#exit
S1(config)#vlan 10
S1(config-vlan)#name Faculty/Staff
S1(config-vlan)#vlan 20
S1(config-vlan)#name Students
S1(config-vlan)#vlan 30
S1(config-vlan)#name Guest (Default)
S1(config-vlan)#vlan 88
S1(config-vlan)#name Native
S1(config-vlan)#vlan 99
S1(config-vlan)#name Management
S1(config-vlan)#int f0/10
S1(config-if)#sw
S1(config-if)#switchport m
S1(config-if)#switchport mode a
S1(config-if)#switchport mode access
S1(config-if)#sw
S1(config-if)#switchport a
S1(config-if)#switchport access vlan 30
S1(config-if)#int f0/11
S1(config-if)#sw
S1(config-if)#switchport m
S1(config-if)#switchport mode a
S1(config-if)#switchport mode access
S1(config-if)#sw
S1(config-if)#switchport a
S1(config-if)#switchport access vlan 10
S1(config-if)#int f0/18
S1(config-if)#sw
S1(config-if)#switchport m
S1(config-if)#switchport mode a
S1(config-if)#switchport mode access
S1(config-if)#sw
S1(config-if)#switchport a
S1(config-if)#switchport access vlan 20
```

Copy Paste

```
S1(config-if)#sw
S1(config-if)#switchport a
S1(config-if)#switchport access vlan 20
S1(config-if)#int g0/1
S1(config-if)#sw
S1(config-if)#switchport m
S1(config-if)#switchport mode a
S1(config-if)#switchport mode access
S1(config-if)#sw
S1(config-if)#switchport a
S1(config-if)#switchport access vlan 88
S1(config-if)#int vlan 99
S1(config-if)#
%LINK-5-CHANGED: Interface Vlan99, changed state to up

S1(config-if)#ip add
S1(config-if)#ip address 172.17.99.10 255.255.255.0
S1(config-if)#exit
S1(config)#no ip defau
S1(config)#no ip default-gateway
S1(config)#ip de
S1(config)#ip default-gateway 172.17.99.1
S1(config)#
```

Copy Paste