

Interkoneksi switch Cisco ke switch Alcatel-Lucent

Ada 2 buah switch yang berbeda brand, yaitu CISCO C2960 dan Alcatel-Lucent OmniSwitch 6450 akan dihubungkan dengan melewati VLAN.

VLAN = 212

Cisco C2960 = port 0/47

Alcatel 6450 =port 1/1

1. Login ke Cisco C2960
2. Konfigure port 0/47 untuk VLAN 212, seperti langkah dibawah :

CISCO C2960

```
2960-A5#conf t
Enter configuration commands, one per line. End with CNTL/Z.
2960-A5(config)#int
2960-A5(config)#interface fas 0/47
2960-A5(config-if)#description "Interconnection to Alcatel
Switch"
2960-A5(config-if)#switchport access vlan 212
2960-A5(config-if)#switchport trunk native vlan 212
2960-A5(config-if)#switchport mode trunk
2960-A5(config-if)#spanning-tree bpdudfilter enable // ==> STP
di-disable untuk interkoneksi
2960-A5(config-if)#do sh run interface fa0/47
Building configuration...
Current configuration : 225 bytes
!
interface FastEthernet0/47
description "Interconnection to Alcatel Switch"
switchport access vlan 212
switchport trunk native vlan 212
switchport mode trunk
spanning-tree bpdudfilter enable
```

```
end
2960-A5#write memory
2960-A5#copy running-config startup-config
```

1. Kita beralih ke switch Alcatel-Lucent OmniSwitch 6450
2. Konfigure port 1/1 untuk VLAN 212, seperti dibawah ini.

ALCATEL

```
login : admin
password :
Welcome to the Alcatel-Lucent OmniSwitch 6450
-> vlan 212 enable name "VOICE_SERD"
-> vlan 212 port default 1/1
-> vlan 1 802.1q 1/1 "TAG TRUNK 1/1 VLAN 1 CISCO"
-> bridge cist 1/1 disable // ==> STP di-disable
untuk interkoneksi
-> bridge cist 1/1 path cost 20000
-> show vlan port 1/1
vlan type status
-----+-----+-----
1 qtagged forwarding
212 default forwarding

-> write memory
-> copy working certified // ==> save konfigurasi
```

catatan penting:

Untuk masing-masing switch, STP harus didisable pada port interface yang akan digunakan interkoneksi