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 melewatkan 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 bpdufilter 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 bpdufilter 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