TUGAS MODUL 6 PRAKTIKUM JARINGAN KOMPUTER

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Kelas : D

Modul: 6

Tugas 1 A:

Langkah pembuatan Topologi:

- 1. Masuk Cisco Packet Tracer
- 2. Lalu masuk ke tab 'Switches'
- 3. Pilih switch catalyst 2950 dan drag ke dalam cisco sebanyak 3 kali
- 4. Masuk ke tab 'End Devices'
- 5. Lalu pilih PC, setelah itu drag ke dalam cisco sebanyak 3 kali
- 6. Selanjutnya adalah mengganti nama sesuai keinginan dan mengisi IP Address di setiap PC nya

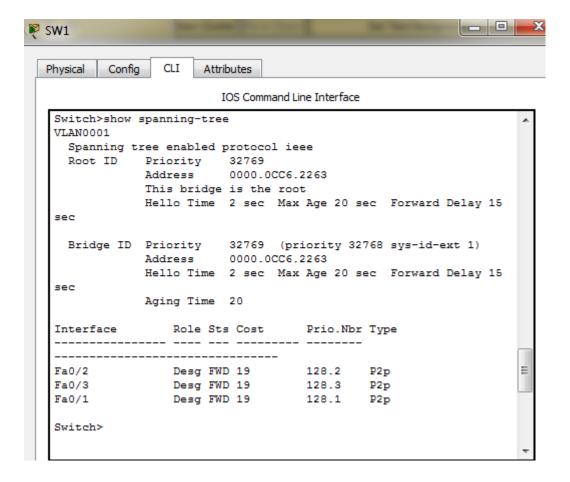
Tugas 2A:

- 1. Klik pada switch yang akan diganti namanya
- 2. Ubah nama sesuai keinginan anda

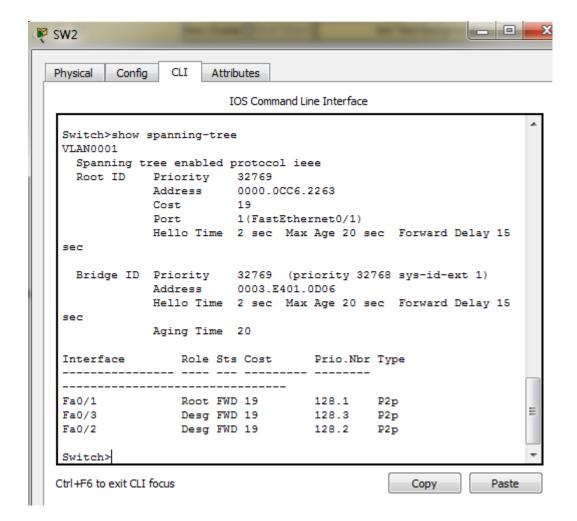
Tugas 4A:

Tampilan status STP switch

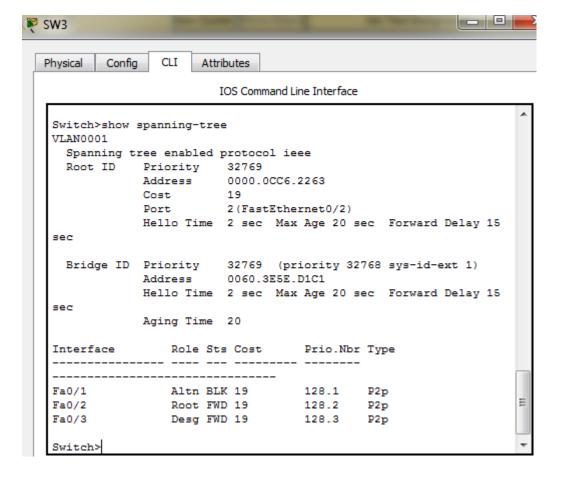
SW1:



SW2:



SW3:



Tugas 4B:

SW1:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec

8 Forward Delay	15 sec
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SW3:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Tugas 4C:

Root Bridge: Switch2 fa0/1 dan Switch3 fa0/2

Designated bridge: Switch1 port fa0/1,fa0/2,fa0/3 Switch2 port fa0/2,fa0/3 dan Switch3 port fa0/3

Root Port : Switch2 Port fa0/1 , Switch3 fa0/2

Designated port: Switch3 port fa0/1

Tugas 4D:

Forwarding: fa0/1, fa0/2, fa0/3, fa0/2, fa0/1, fa0/3, fa0/2, fa0/3

Bloking: fa0/1

Tugas 5A:

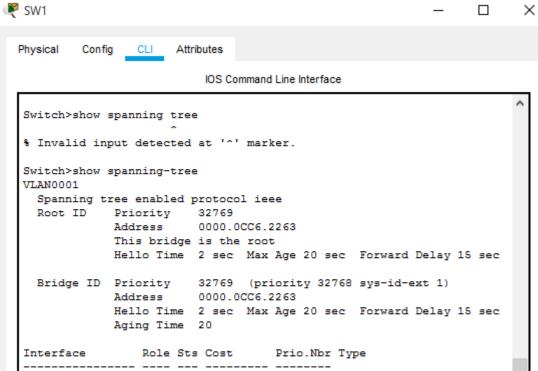
Langkah melakukan ping : Untuk melakukan ping, di perlukan sebuah command line, kemuadian pada command line tersebut ketikan ping dengan alamat ip yang di tuju.

Tugas 6A:

Langkah untuk meyimpan konfigurasi jaringan: Pada packet tracer pilh navigasi menu file, kemuadian pilih save as.

Tugas 9A:





128.2 128.3

P2p

Ctrl+F6 to exit CLI focus

Fa0/2 Fa0/3

Switch>

Desg FWD 19

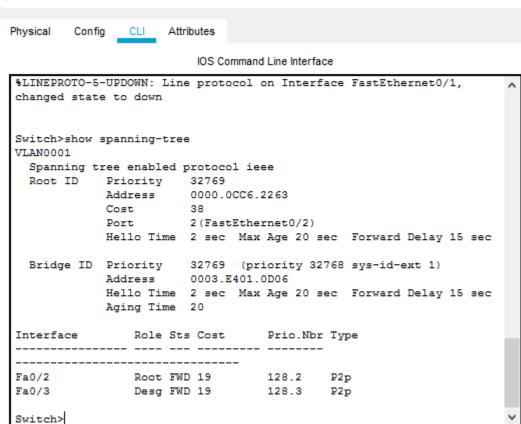
Desg FWD 19

Copy

Paste



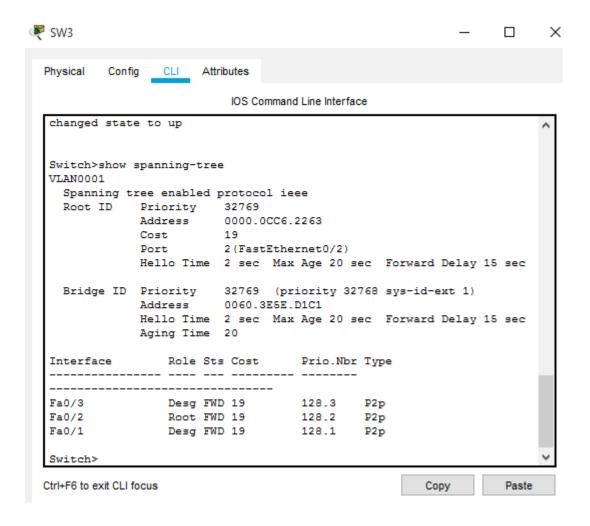
Ctrl+F6 to exit CLI focus



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Сору

Paste



SW1:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/3;0/2)	19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/3;0/2)	19;19
6	Hello Time	2 sec

7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3:

No	Variable	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0000.0CC6.2263
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Root Bridge: Switch2 fa0/2 dan Switch3 fa0/2

Designated bridge: Switch1 port fa0/2,fa0/3 Switch2 port fa0/3 dan Switch3 port fa0/1,fa0/3

Root Port : Switch2 Port fa0/2 , Switch3 fa0/2

Designated port: -

Forwarding: fa0/2, fa0/3, fa0/2, fa0/3, fa0/1, fa0/2, fa0/3

Bloking:-