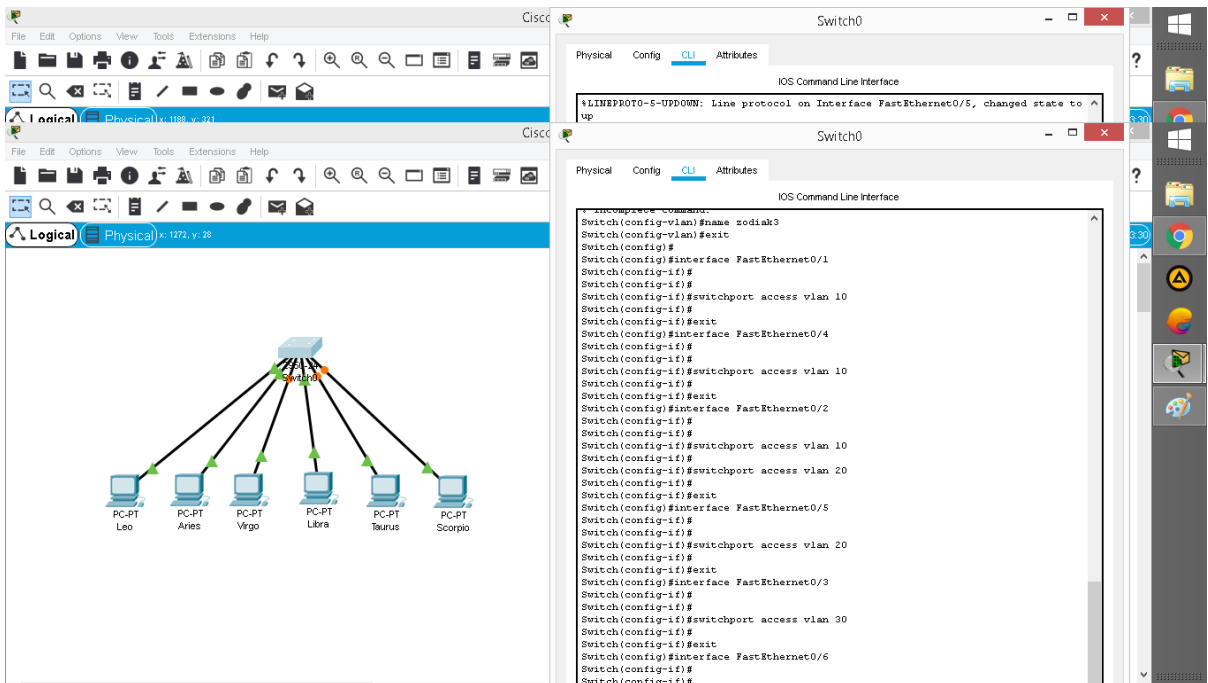
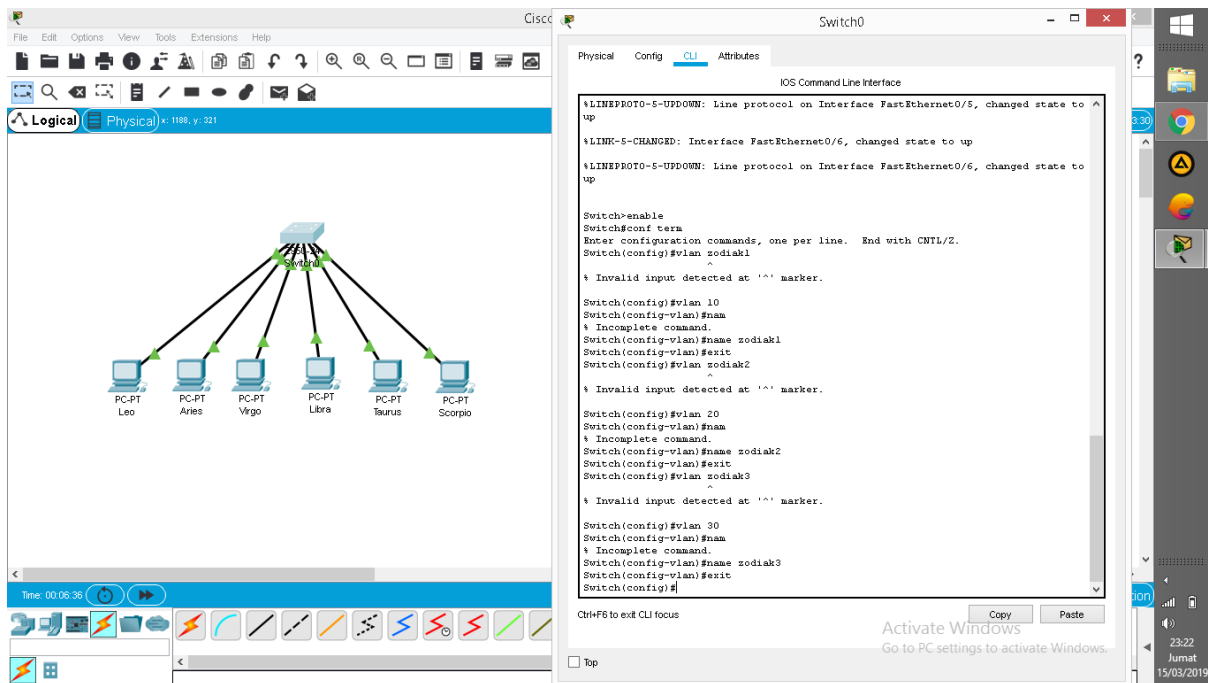


Nama : Fajar Nur Hidayat

NIM : L200170003

Kelas : A

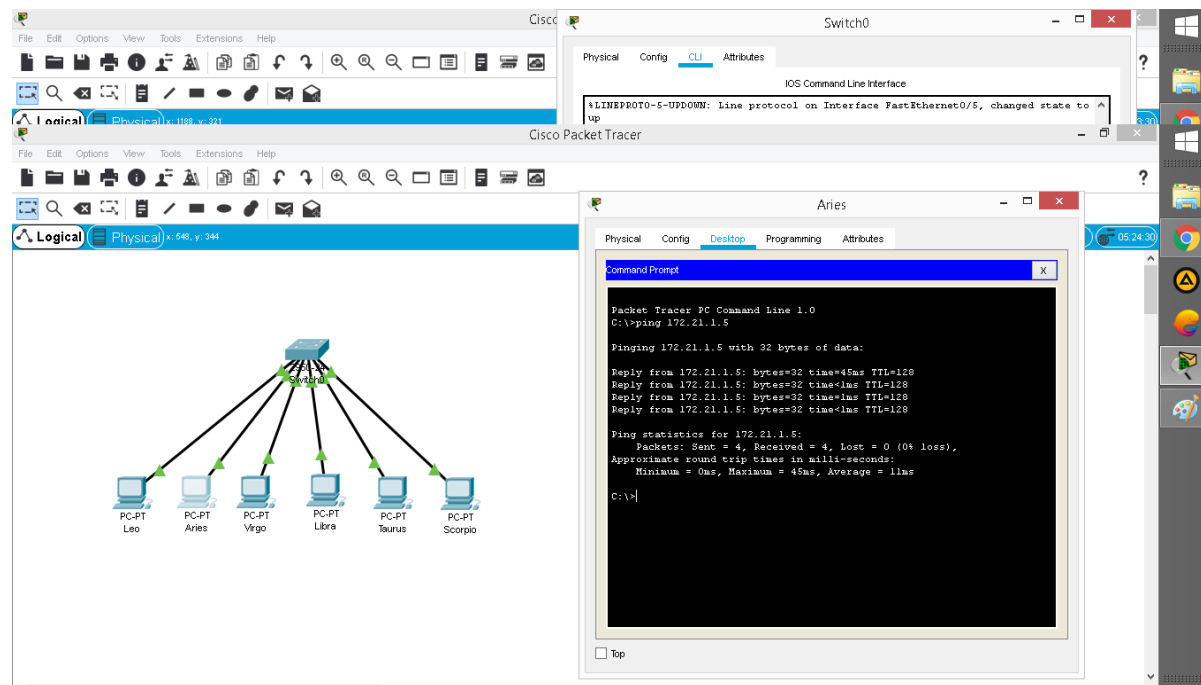
Kegiatan 1. Topologi 1



Tugas 6A

1	Nomor Vlan	10	20	30
2	Nama Vlan	Zodiak1	Zodiak2	Zodiak3
3	Port	Fa 01/04	Fa 02/05	Fa 03/06
4	Status	active	active	active

Tugas 6B



The screenshot shows the Cisco Packet Tracer interface. On the left, a network topology is displayed with a central switch connected to six PCs: Leo, Aries, Virgo, Libra, Taurus, and Scorpio. On the right, the 'Switch0' configuration window is open, showing the 'CLI' tab. The command prompt displays the following output:

```

IOS Command Line Interface
$LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/5, changed state to up

Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.5

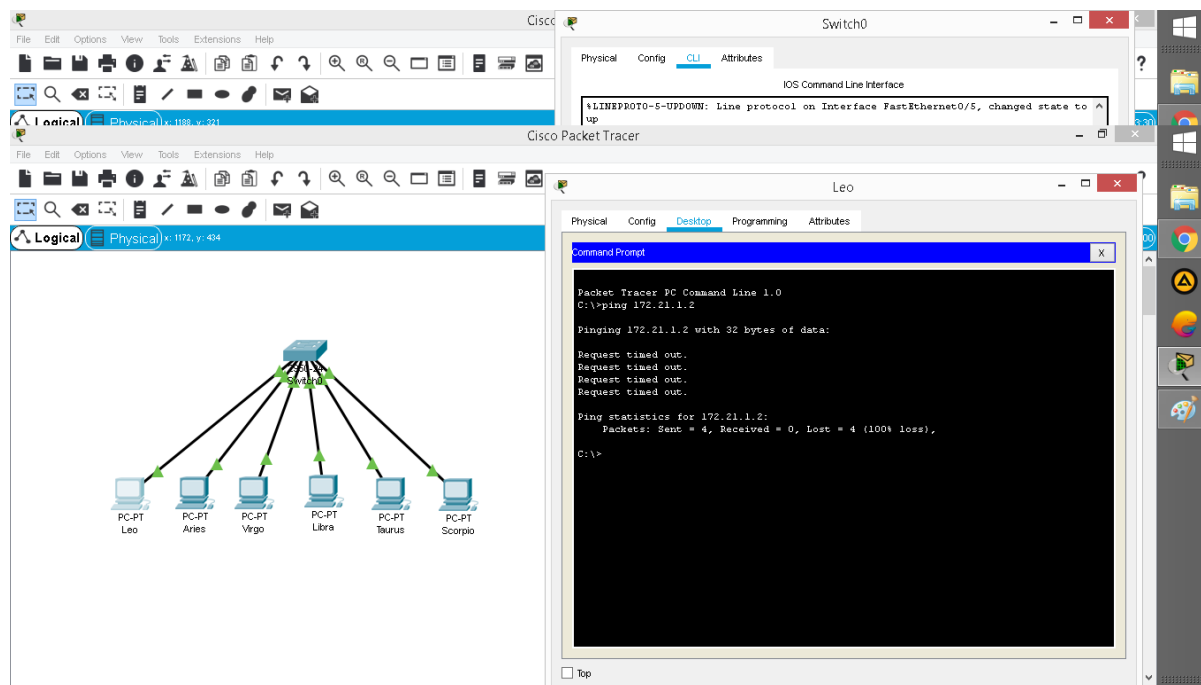
Pinging 172.21.1.5 with 32 bytes of data:

Reply from 172.21.1.5: bytes=32 time=45ms TTL=128
Reply from 172.21.1.5: bytes=32 time<1ms TTL=128
Reply from 172.21.1.5: bytes=32 time<1ms TTL=128
Reply from 172.21.1.5: bytes=32 time<1ms TTL=128

Ping statistics for 172.21.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 45ms, Average = 11ms
C:\>

```

Sesama Vlan dan jalur IP bisa



The screenshot shows the Cisco Packet Tracer interface. On the left, the same network topology is displayed. On the right, the 'Leo' configuration window is open, showing the 'CLI' tab. The command prompt displays the following output:

```

Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

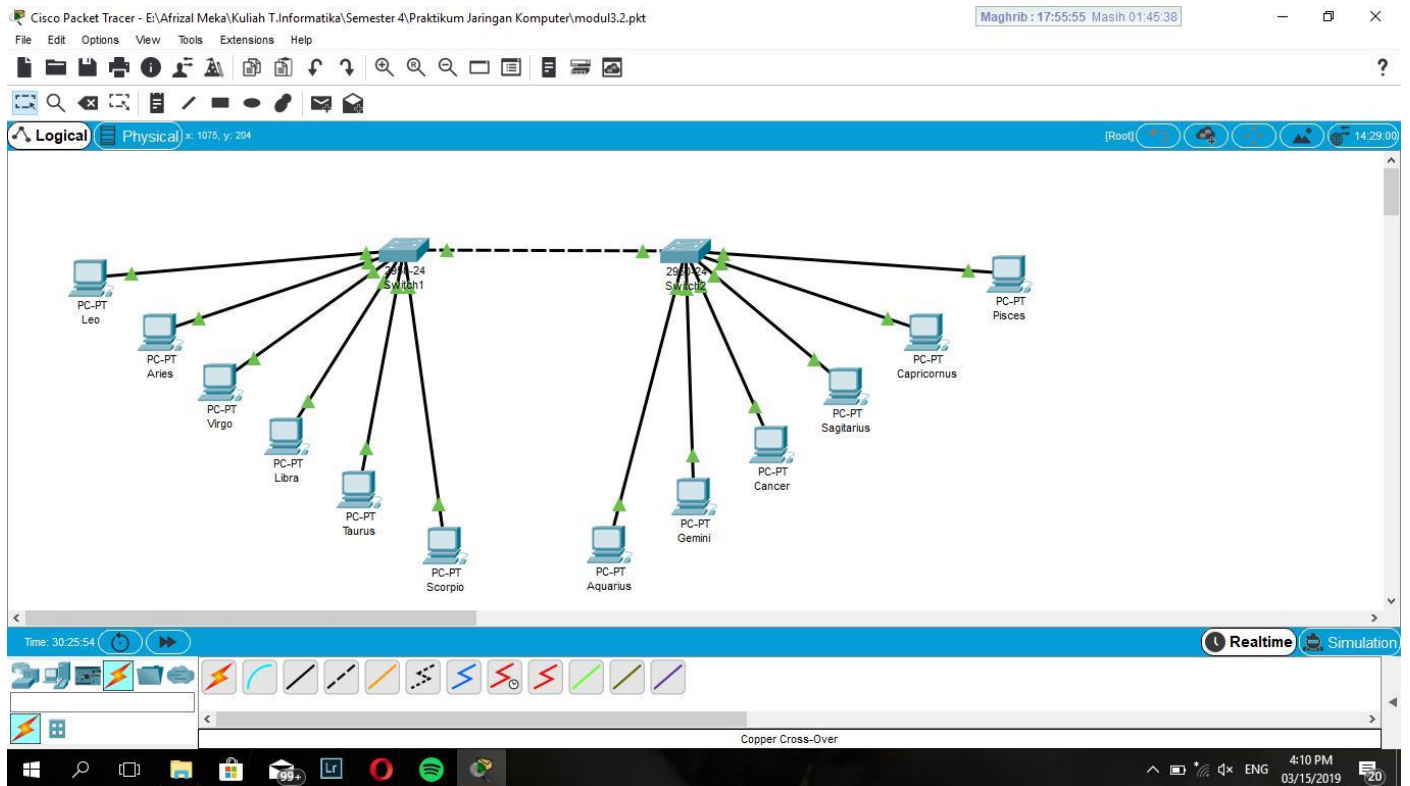
Request timed out.
Request timed out.
Request timed out.
Request timed out.

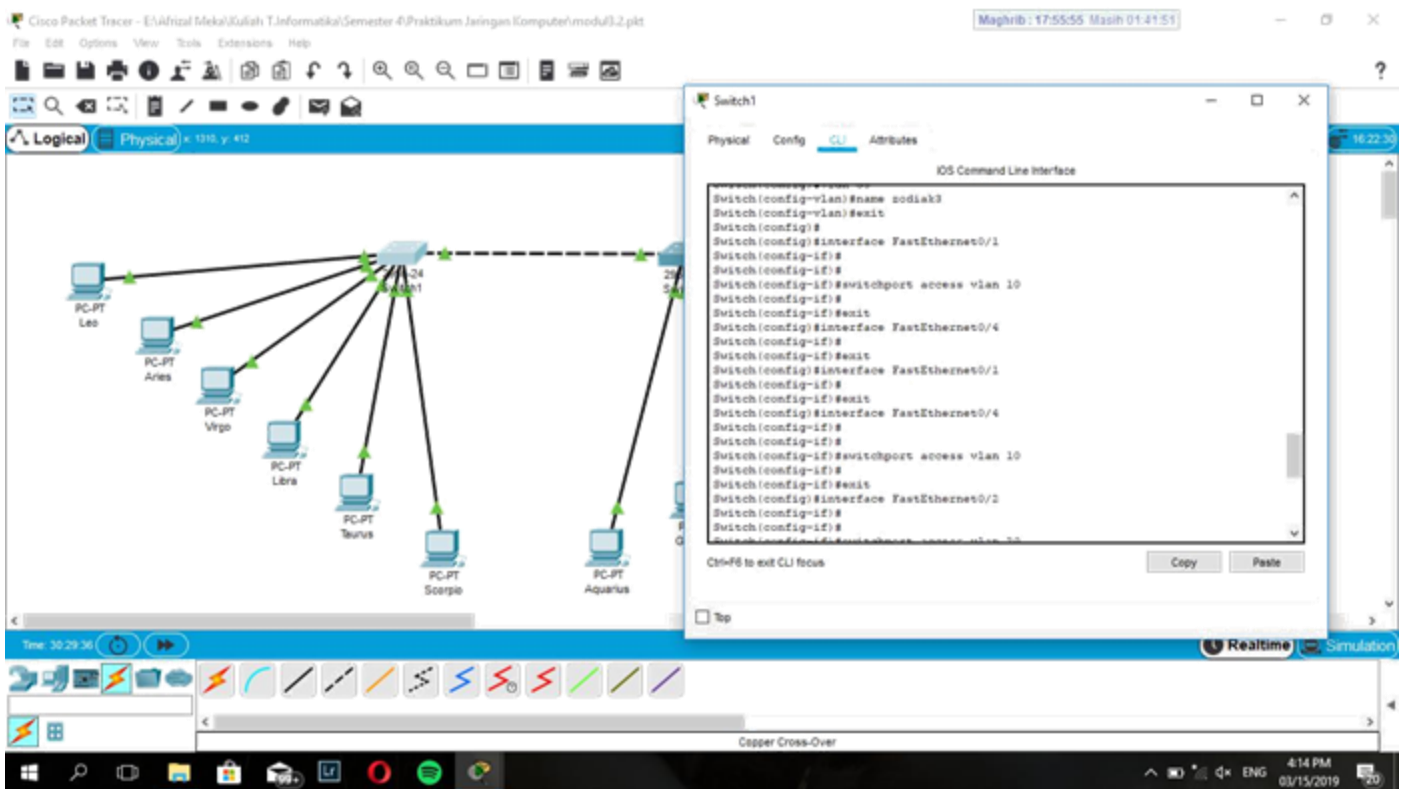
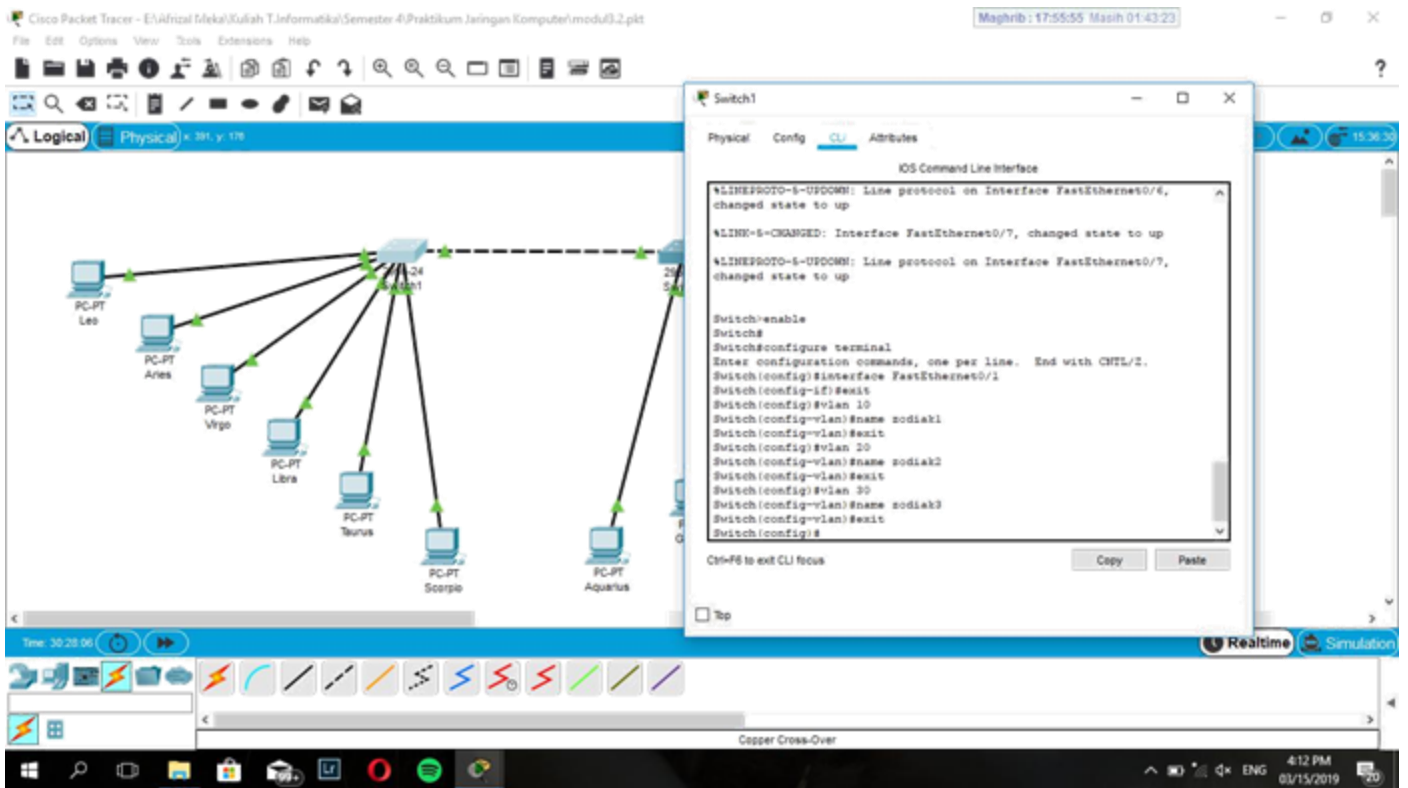
Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>

```

Berbeda Vlan walaupun sesama Jalur IP tidak bisa

Kegiatan 2. Topologi 2





Cisco Packet Tracer - E:\AfriZal Meka\Kuliah T.Informatika\Semester 4\Praktikum Jaringan Komputer\modul3.2.pkt

File Edit Options View Tools Extensions Help

Maghrib: 17:55:55 Masih 01:41:47

Logical Physical x 100 y 412

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```

Switch(config)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/5
Switch(config-if)#
Switch(config-if)#switchport access vlan 20
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/3
Switch(config-if)#
Switch(config-if)#switchport access vlan 30
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/5
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/4
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/6
Switch(config-if)#
Switch(config-if)#switchport access vlan 30
Switch(config-if)#
Switch(config-if)#exit

```

Ctrl-F6 to exit CLI focus

Copy Paste

Time: 30:29:40

Realtime Simulation

Copper Cross-Over

Windows taskbar: 4:14 PM 03/15/2019

Cisco Packet Tracer - E:\AfriZal Meka\Kuliah T.Informatika\Semester 4\Praktikum Jaringan Komputer\modul3.2.pkt

File Edit Options View Tools Extensions Help

Maghrib: 17:55:55 Masih 01:39:41

Logical Physical x 100 y 44

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```

Switch(config)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/6
Switch(config-if)#
Switch(config-if)#switchport access vlan 30
Switch(config-if)#
Switch(config-if)#interface fa0/7
Switch(config-if)#exit
Switch(config)#interface fa0/7
Switch(config-if)#switchport mode trunk

Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7,
changed state to down

Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7,
changed state to up

Switch(config-if)#exit
Switch(config)#switch
Switch(config)#
% Invalid input detected at '^' marker.

Switch(config)#

```

Ctrl-F6 to exit CLI focus

Copy Paste

Time: 30:31:43

Realtime Simulation

Copper Cross-Over

Windows taskbar: 4:16 PM 03/15/2019

Cisco Packet Tracer - E/Afrizal Meka/Kuliah T.Informatika/Semester 4/Praktikum Jaringan Komputer/modul3.2.plt

File Edit Options View Tools Extensions Help

Time: 30:35:40

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```

Switch#show interface fastethernet 0/7 switchport
Name: Fa0/7
Switchport: Enabled
Administrative Mode: trunk
Operational Mode: trunk
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: On
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: All
Protected: false
  
```

Ctrl+F6 to exit CLI focus

Copy Paste

Realtime Simulation

Cisco Packet Tracer - E/Afrizal Meka/Kuliah T.Informatika/Semester 4/Praktikum Jaringan Komputer/modul3.2.plt

File Edit Options View Tools Extensions Help

Time: 00:04:30

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```

Switch#show vlan
  
```

VLAN Name	Status	Ports
1 default	active	Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24
10 sodiak1	active	Fa0/1, Fa0/4
20 sodiak2	active	Fa0/2, Fa0/5
30 sodiak3	active	Fa0/3, Fa0/6
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	Bridgello	Stp	BrdgMode	Trans1	Trans2
1	enat	100001	1500	-	-	-	-	-	0	0
10	enat	100010	1500	-	-	-	-	-	0	0
20	enat	100020	1500	-	-	-	-	-	0	0
30	enat	100030	1500	-	-	-	-	-	0	0

Ctrl+F6 to exit CLI focus

Copy Paste

Realtime Simulation



Logical Physical msk v.10

Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0

```
C:\>ping 172.21.3.4
```

Pinging 172.21.3.4 with 32 bytes of data:

```
Request timed out.
Request timed out.
Request timed out.
Request timed out.
```

Ping statistics for 172.21.3.4:

```
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>
```

Time: 00:06:18

Realtime Simulation

4321 1941 2901 2911 81910K 819K0K 829 1240 P1Ruler P1Ruler 1941 20200K 20210K 2811

2821X08

7:12 PM 03/15/2019