

The top screenshot shows a network diagram in Cisco Packet Tracer. It features four devices: PC-PT PC0, a 2950-24TT Switch0, a 2950-24TT Switch1, and PC-PT PC1. The devices are connected in a linear fashion: PC0 is connected to Switch0, which is connected to Switch1, which is then connected to PC1. The connections are shown as solid lines for physical links and dashed lines for logical links. The interface is in the 'Physical' tab, showing the physical topology.

The bottom screenshot shows the same network diagram, but with the CLI configuration for Switch0 displayed in a window. The configuration includes the following commands:

```

Switch0>
Switch0>enable
Switch0>configure terminal
Switch0(config)#vlan 10
Switch0(config-vlan)#name VLAN10
Switch0(config-vlan)#exit
Switch0(config)#interface FastEthernet0/1
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/2
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/3
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/4
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/5
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/6
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/7
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/8
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/9
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/10
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/11
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/12
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/13
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/14
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/15
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/16
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/17
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/18
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/19
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/20
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/21
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/22
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/23
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/24
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#exit
Switch0>
  
```

The bottom screenshot also shows the 'CLI' tab for Switch0, displaying the configuration commands entered in the CLI window. The commands are as follows:

```

Switch0>
Switch0>enable
Switch0>configure terminal
Switch0(config)#vlan 10
Switch0(config-vlan)#name VLAN10
Switch0(config-vlan)#exit
Switch0(config)#interface FastEthernet0/1
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/2
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/3
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/4
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/5
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/6
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/7
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/8
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/9
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/10
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/11
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/12
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/13
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/14
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/15
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/16
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/17
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/18
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/19
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/20
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/21
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/22
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/23
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#interface FastEthernet0/24
Switch0(config-if)#no shutdown
Switch0(config-if)#exit
Switch0(config)#exit
Switch0>
  
```

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 175, y 202

Time 00:00:15

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PC/Lab Windows

15:28 24/04/2025

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```
ALDP-5-CHANGED: Line protocol on Interface FastEthernet0/1, changed state to up
ALDP-5-CHANGED: Interface FastEthernet0/1, changed state to up
ALDP-5-CHANGED: Line protocol on Interface FastEthernet0/1, changed state to up
ALDP-5-CHANGED: Interface FastEthernet0/2, changed state to up
ALDP-5-CHANGED: Line protocol on Interface FastEthernet0/2, changed state to up

Switch>en
Switch>conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int range fa0/1-2
Switch(config-if-range)#channel-group 1 mode ?
active      Enable LACP unconditionally
auto       Enable LACP only if a SAGP device is detected
desirable  Enable LACP unconditionally
on         Enable Etherchannel only
passive    Enable LACP only if a LACP device is detected
Switch(config-if-range)#
Creating a port-channel interface Port-channel 1
ALDP-5-CHANGED: Interface Port-channel1, changed state to up
ALDP-5-CHANGED: Line protocol on Interface Port-channel1, changed state to up
Switch(config-if-range)#end
Switch#
VLANs-CONFIG: Configured from console by console
Switch#
Building configuration...
[OK]
Switch#
```

Copy Paste

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 160, y 185

Time 00:11:10

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

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PC1

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Port Status

Bandwidth

100 Mbps 10 Mbps

On

Auto

Auto

MAC Address

0000.5C52.E990

IP Configuration

DHCP

Static

IPv4 Address

192.168.0.2

Subnet Mask

255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address FE80:260:5CFF:FE52:E990

