



[Root]      07:47:00



Realtime Simulation



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

Cisco Packet Tracer

File Edit Options View Tools Extensions Window

Logical Physical x: 620, y: 168

PC-PT PC0 Fa0

PC-PT PC2 Fa0

Router3

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>en
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#No shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#Fa0/0.10
^
% Invalid input detected at '^' marker.

Router(config-if)#int Fa0/0.10
Router(config-subif)#
%LINK-5-CHANGED: Interface FastEthernet0/0.10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0.10, changed state to up

Router(config-subif)#Encapsulation dot1q 10
Router(config-subif)#ip add 192.168.1.1 255.255.255.0
Router(config-subif)#int fa0/0.20
Router(config-subif)#
%LINK-5-CHANGED: Interface FastEthernet0/0.20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0.20, changed state to up
Encapsulation dot1q 20
Router(config-subif)#ip add 192.168.2.2 255.255.255.0
Router(config-subif)#
Router(config-subif)#
Router(config-subif)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

Realtime Simulation

Destination Type Color Time(sec) Periodic Num Edit

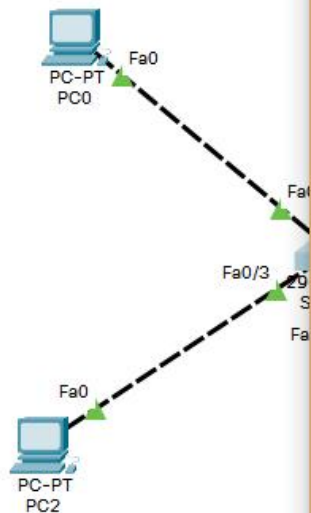
Copper Cross-Over

Toggle PDU List Window

2:06 PM 10/10/2022



Logical Physical x: 339, y: 187



Time: 01:02:37



Switch0

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch(config)#interface FastEthernet0/5
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/5
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/2
Switch(config-if)#
Switch(config-if)#vlan 10
Switch(config-vlan)#name HR
Switch(config-vlan)#vlan 20
Switch(config-vlan)#name IT
Switch(config-vlan)#int fa0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#int fa0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#int fa0/3
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#int fa0/4
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#int fa0/5
Switch(config-if)#switchport mode trunk
Switch(config-if)#
Switch(config-if)#
Switch(config-if)#
```

Ctrl+F6 to exit CLI focus

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☐ Top

Copper Cross-Over

Toggle PDU List Window

[Root] 07:57:00

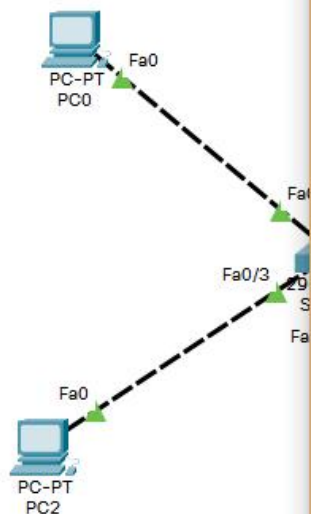
Realtime Simulation

Destination Type Color Time(sec) Periodic Num Edit

2:05 PM
10/10/2022



Logical Physical x: 620, y: 168



Time: 01:02:50



Router3

Physical Config CLI Attributes

IOS Command Line Interface

export@cisco.com.

cisco 2811 (MPC860) processor (revision 0x200) with 60416K/5120K bytes of memory
Processor board ID JAD05190MTZ (4292891495)
2 FastEthernet interface(s)
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#int fa0/0

Router(config-if)#No shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#Fa0/0.10

% Invalid input detected at '^' marker.

Router(config-if)#int Fa0/0.10

Ctrl+F6 to exit CLI focus

Copy

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☐ Top

Copper Cross-Over

Toggle PDU List Window

[Root] 08:04:00

Realtime

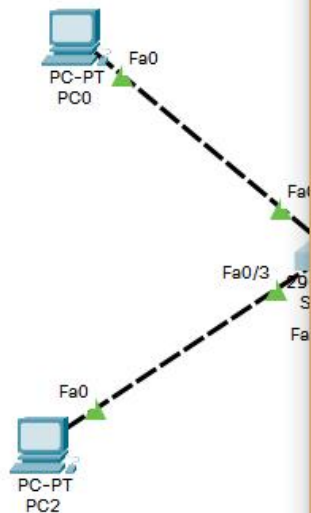
Simulation

Destination Type Color Time(sec) Periodic Num Edit

2:06 PM
10/10/2022



Logical Physical x: 339, y: 187



Time: 01:02:33



Switch0

Physical Config CLI Attributes

IOS Command Line Interface

Switch con0 is now available

Press RETURN to get started.

%LINK-5-CHANGED: Interface FastEthernet0/5, changed state to up

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

%LINK-3-UPDOWN: Interface FastEthernet0/5, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/5, changed state to down

%LINK-5-CHANGED: Interface FastEthernet0/5, changed state to up

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

Ctrl+F6 to exit CLI focus

Copy

Paste

☐ Top

Copper Cross-Over

Toggle PDU List Window

[Root]



Realtime Simulation

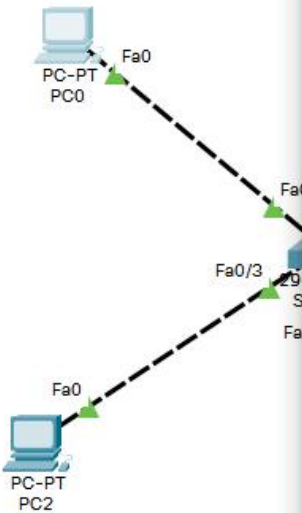
Destination Type Color Time(sec) Periodic Num Edit

Cisco Packet Tracer

File Edit Options View Tools Extensions Window

Logical

Physical x: 284, y: 407



Time: 01:03:00

Realttime

Simulation

Destination Type Color Time(sec) Periodic Num Edit

Windows Taskbar

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.20

Pinging 192.168.1.20 with 32 bytes of data:

Reply from 192.168.1.20: bytes=32 time<1ms TTL=128
Reply from 192.168.1.20: bytes=32 time<1ms TTL=128
Reply from 192.168.1.20: bytes=32 time<1ms TTL=128
Reply from 192.168.1.20: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

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Toggle PDU List Window