



Universidad Autónoma De Chiapas

Jose Eduardo Zarate Avalos

7M

20/11/2023

Conmutadores y redes inalámbricas

Examen Ordinario

Cisco Packet Tracer - C:\Users\zaje0\OneDrive\Escritorio\Examen.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 638, y: 410

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Commutadores y rede inalamblicas
Examen Ordinario

oficina 1: 192.168.0.0/24

PC-PT PC0
192.168.0.2/24

PC-PT PC1
192.168.0.3/24

2960-24TT Switch2

2960-24T Switch3

Router2

Time: 00:53:55

Copper Straight-Through

Router2

Physical Config CLI Attributes

IOS Command Line Interface

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Compiled Wed 18-Jul-07 04:52 by ps_team

--- System Configuration Dialog ---

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

Press RETURN to get started!

Router>ena
Router>conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int f0/0.10
Router(config-subif)#encapsulation dot1Q 10
Router(config-subif)#ip add 192.168.0.1 255.255.255.0
Router(config-subif)#no sh
Router(config-subif)#int f0/0.20
Router(config-subif)#encapsulation dot1Q 20
Router(config-subif)#ip add 192.168.1.1 255.255.255.0
Router(config-subif)#no sh
Router(config-subif)#int f0/0
Router(config-subif)#no sh
Router(config-if)#
%LINK-S-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINK-S-CHANGED: Interface FastEthernet0/0.10, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0.10, changed state to up
%LINK-S-CHANGED: Interface FastEthernet0/0.20, changed state to up

Copy Paste

me Simulation

Periodic Num Edit
N 0 (edt)
N 1 (edt)

09:17 p.m.
20/11/2023

Cisco Packet Tracer - C:\Users\zaje0\OneDrive\Escritorio\Examen.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1102, y: 7

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Examen Ordinario

oficina 1: 192.168.0.0/24

PC-PT PC0
192.168.0.2/24

PC-PT PC1
192.168.0.3/24

2960-24TT Switch2

Switch3

Time: 00:54:34

Switch3

Physical Config CLI Attributes

IOS Command Line Interface

%LINK-S-CHANGED: Interface FastEthernet0/3, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up

Switch>ena
Switch>conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 20
Switch(config-vlan)#name VLAN20
Switch(config-vlan)#int r f0/1-24
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 20
Switch(config-if-range)#
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (20), with Switch FastEthernet0/2 (1).

Copy Paste

Root

Realtime Simulation

Type Color Time(sec) Periodic Num Edit
ICMP 0.000 N 0 (edt)
ICMP 0.000 N 1 (edt)

09:18 p.m.
20/11/2023

Cisco Packet Tracer - C:\Users\zaje0\OneDrive\Escritorio\Examen.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 539, y: 382

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Examen Ordinario

oficina 1: 192.168.0.0/24

PC-PT PC0
192.168.0.2/24

PC-PT PC1
192.168.0.3/24

2960-24TT Switch2

2960-24T Switch0

2960-24T Switch3

Router2

IOS Command Line Interface

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--- System Configuration Dialog ---

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

Press RETURN to get started!

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Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int f0/0.10
Router(config-subif)#encapsulation dot1Q 10
Router(config-subif)#ip add 192.168.0.1 255.255.255.0
Router(config-subif)#no sh
Router(config-subif)#int f0/0.20
Router(config-subif)#encapsulation dot1Q 20
Router(config-subif)#ip add 192.168.1.1 255.255.255.0
Router(config-subif)#no sh
Router(config-subif)#int f0/0
Router(config-if)#no sh

Router(config-if)#
%LINK-S-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINK-S-CHANGED: Interface FastEthernet0/0.10, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0.10, changed state to up
%LINK-S-CHANGED: Interface FastEthernet0/0.20, changed state to up
%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0.20, changed state to up

Copy Paste

me Simulation

Periodic Num Edit
N 0 (edt)
N 1 (edt)

09:19 p.m.
20/11/2023

Cisco Packet Tracer - C:\Users\zaje0\OneDrive\Escritorio\Examen.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 972, y: 245

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Examen Ordinario

oficina 1: 192.168.0.0/24

PC-PT PC0
192.168.0.2/24

PC-PT PC1
192.168.0.3/24

2960-24TT Switch2

2960-24T Switch0

2960-24T Switch3

oficina 2: 192.168.0.0/24

PC-PT PC2
192.168.1.2/24

PC-PT PC3
192.168.1.3/24

Router2

Root

Time: 09:58:43

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	PC0	PC3	ICMP	Green	0.000	N	0	(edt)
	Successful	PC1	PC2	ICMP	Purple	0.000	N	1	(edt)

09:20 p.m.
20/11/2023