

PACKET TRACER CONFIGURACIÓN DE VLANS

ASIGNACION DE NOMBRES Y CREACIÓN DE VLANS EN LOS TRES SWITCHS

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SWITCH S1

Switch>

Switch>

Switch>ena

Switch#conf t

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

Switch(config)#hostname S1

S1(config)#vlan 10

S1(config-vlan)#name vlan10

S1(config-vlan)#exit

S1(config)#vlan 20

S1(config-vlan)#name vlan20

S1(config-vlan)#exit

S1(config)#vlan 30

S1(config-vlan)#name vlan30

S1(config-vlan)#exit

S1(config)#

=====

SWITCH S2

Switch>ena

Switch#conf t

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

Switch(config)#hostname S2

S2(config)#vlan 10

S2(config-vlan)#name vlan10

S2(config-vlan)#exit

S2(config)#vlan 20

S2(config-vlan)#name vlan20

S2(config-vlan)#exit

S2(config)#vlan 30

S2(config-vlan)#name vlan30

S2(config-vlan)#exit

S2(config)#

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SWITCH S3

Switch>

Switch>

Switch>ena

Switch#conf t

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

Switch(config)#hostname S3

S3(config)#vlan 10

S3(config-vlan)#name vlan10

S3(config-vlan)#exit

S3(config)#vlan 20

S3(config-vlan)#name vlan20

S3(config-vlan)#exit

S3(config)#vlan 30

S3(config-vlan)#name vlan30

S3(config-vlan)#exit

S3(config)#

ASIGNACIÓN DE PUERTOS A LAS VLANS CREADAS

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SWITCH S2

S2>ena

S2#conf t

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

S2(config)#inter f0/11

S2(config-if)#switchport mode acces

S2(config-if)#switchport access vlan 10

S2(config-if)#exit

S2(config)#inter f0/18

S2(config-if)#switchport mode access

S2(config-if)#switchport acces vlan 20

S2(config-if)#exit

S2(config)#inter f0/6

S2(config-if)#switchport mode access

S2(config-if)#switchport access vlan 30

S2(config-if)#exit

S2(config)#

S2(config)#inter g0/1

S2(config-if)#switchport mode trunk

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SWTICH S1

S1>

S1>ena

S1#conf t

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

S1(config)#inter range g0/1-2

S1(config-if-range)#switchport mode trunk

S1(config-if-range)# exit

S1(config)#end

S1#wr

Building configuration...

[OK]

S1#

S1#

=====

SWITCH S3

S3>

S3>ena

S3#conf t

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

S3(config)#inter f0/11

S3(config-if)#switchport mode access

S3(config-if)#switchport access vlan 10

S3(config-if)#exit

S3(config)#inter f0/18

S3(config-if)#switchport mode access

S3(config-if)#switchport access vlan 20

S3(config-if)#exit

S3(config)#inter f0/6

S3(config-if)#switchport mode access

S3(config-if)#switchport acces vlan 30

S3(config-if)#exit

S3(config)#end

S3#wr

Building configuration...

[OK]

S3#

ASIGNACIÓN DE IPS

PC1

Physical x: 91, y: 577

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.10.21

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:58FF:FE78:2E76

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

PC2

Physical x: 126, y: 577

PC2

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.20.22

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

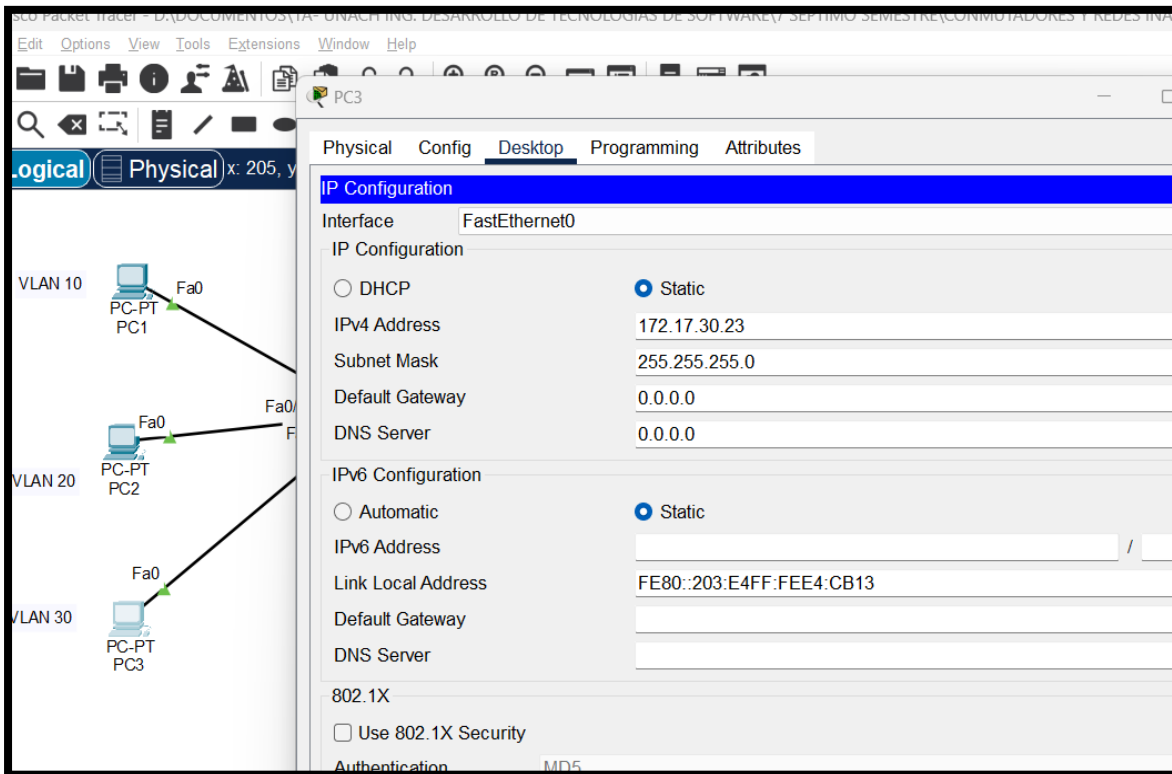
IPv6 Address /

Link Local Address FE80::260:70FF:FE5C:8449

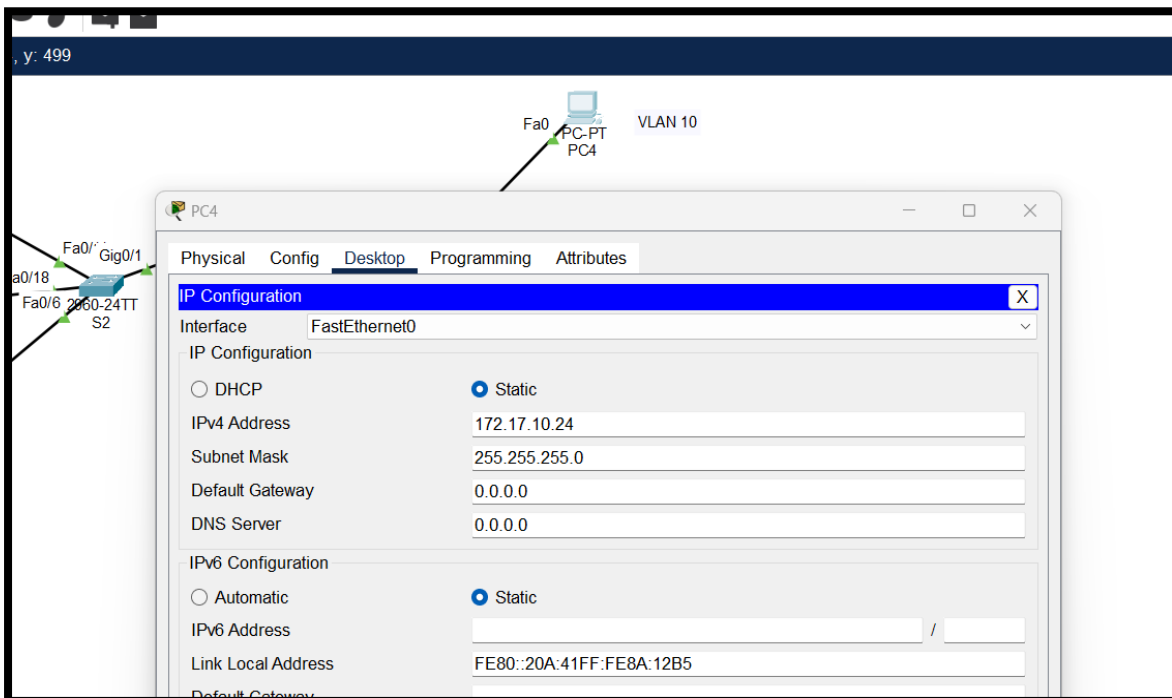
Default Gateway

DNS Server

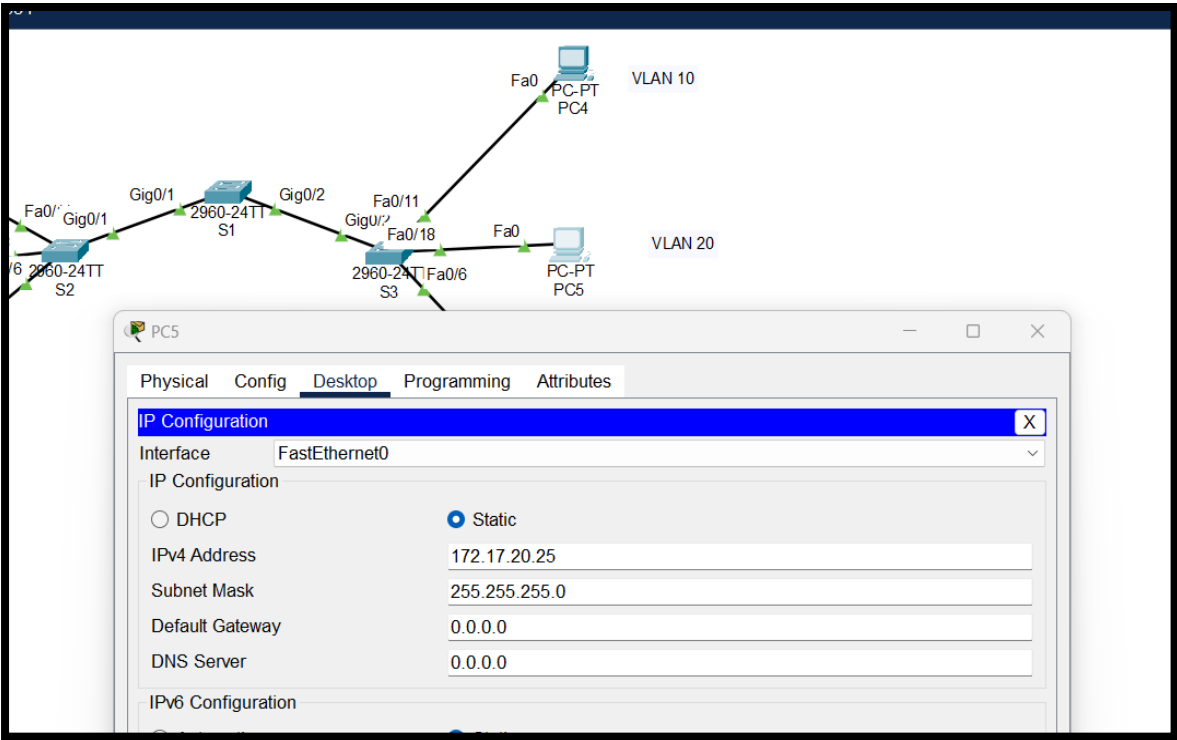
PC3



PC4



PC5



PC6

