



Alumno: Jose Manuel López Sanchez

Profesor: D.s.c. Luis Gutiérrez Alfaro

Materia: Conmutadores Y Redes Inalámbricas

Grado y Grupo: 7°M

Actividad: **Act. 1.4**

Lugar: Tuxtla Gutiérrez Chiapas a 19 de agosto del 2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical

Root

19:14:30

Lopez Sanchez Jose Manuel

Actividad-1.4

Matricula:A200788

Fecha:19-Agosto-2023

Time: 01:39:00

Realtime Simulation

Copper Straight-Through

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC4	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC2	PC5	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC3	PC6	ICMP		0.000	N	2	(edit)	(delete)

27°C Despejado

Buscar

09:17 p. m. 19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 562 y 207

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

172.17.10.21  
255.255.255.0  
VLAN 10  
PC-PT  
PC1

172.17.20.22  
255.255.255.0  
VLAN 20  
PC-PT  
PC2

172.17.30.23  
255.255.255.0  
VLAN 30  
PC-PT  
PC3

2550-24TT  
S1

2550-24TT  
S2

Time: 01:12:50

Copper Straight-Through

27°C  
Despejado

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 FE80:205:5EFF-FEB9:20C

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Top

Simulation

Edit Delete

08:50 p. m.  
19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 589 y 426

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

172.17.10.21  
255.255.255.0  
VLAN 10  
PC-PT  
PC1

172.17.20.22  
255.255.255.0  
VLAN 20  
PC-PT  
PC2

172.17.30.23  
255.255.255.0  
VLAN 30  
PC-PT  
PC3

2550-24TT  
S1

2550-24TT  
S2

Time: 01:13:38

Copper Straight-Through

27°C  
Despejado

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 FE80:200:CFF-FEBD:ADE0

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Simulation

Edit Delete

08:51 p. m.  
19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 1265 y 602

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

172.17.10.21  
255.255.255.0  
VLAN 10  
PC-PT  
PC1

172.17.20.22  
255.255.255.0  
VLAN 20  
PC-PT  
PC2

172.17.30.23  
255.255.255.0  
VLAN 30  
PC-PT  
PC3

2550-24TT  
S1

2550-24TT  
S2

Time: 01:30:54

27°C  
Despejado

PC3

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.30.23

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 FE80:210:11FF:FE1E:8443

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Simulation

Edit Delete

09:08 p. m.  
19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 476 y 59

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

172.17.10.21  
255.255.255.0  
VLAN 10  
PC-PT  
PC1

172.17.20.22  
255.255.255.0  
VLAN 20  
PC-PT  
PC2

172.17.30.23  
255.255.255.0  
VLAN 30  
PC-PT  
PC3

2550-24TT  
S1

2550-24TT  
S2

Time: 01:31:13

27°C  
Despejado

PC4

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.10.24

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 FE80:2D0:97FF:FE10:1856

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Simulation

Edit Delete

09:09 p. m.  
19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 441 y 200

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

PC-PT PC1  
172.17.10.21  
255.255.255.0  
VLAN 10

PC-PT PC2  
172.17.20.22  
255.255.255.0  
VLAN 20

PC-PT PC3  
172.17.30.23  
255.255.255.0  
VLAN 30

2550-24TT S1

2550-24TT S2

Time: 01:31:41

27°C Despejado

PC5

Physical Config Desktop Programming Attributes

Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.20.25

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 FE80:250:FFF:FEB3:DE70

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Simulation

Edit Delete

Autoguardado Documento1 - Word

Archivo Inicio Insertar Diseño Disposición Referencias Correspondencia Revisar Vista Ayuda

Calibri (Cuerpo) 11 A Aa

Normal Sin espaciado Título 1 Título 2

Portapapeles Fuente

PC6

Physical Config Desktop Programming Attributes

Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.17.30.26

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 FE80:202:4AFF:FED7:E7CB

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

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27°C Despejado

09:10 p. m. 19/08/2023



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 648 y 620

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

Time: 01:35:39

Próximamente ganancias

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)#%BPANTREE-2-RECV\_PVID\_ERR: Received 802.1Q BPDU on non trunk GigabitEthernet0/1 VLAN1.  
%BPANTREE-2-BLOCK\_PVID\_LOCAL: Blocking GigabitEthernet0/1 on VLAN0001. Inconsistent port type.  
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down  
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up  
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 access vlan 20  
S3(config-if)#exit  
S3(config)#inter f0/6  
S3(config-if)#switchport mode access  
S3(config-if)#switchport access vlan 6  
% Access VLAN does not exist. Creating vlan 6  
S3(config-if)#switchport access vlan 30  
S3(config-if)#inter f0/18  
S3(config-if)#switchport mode access  
S3(config-if)#switchport access vlan 20  
S3(config-if)#inter g0/1  
S3(config-if)#switchport mode trunk  
S3(config-if)#

Copy Paste

Simulation

09:13 p. m.  
19/08/2023

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 512 y 307

Lopez Sanchez Jose Manuel  
Actividad-1.4  
Matricula A200788  
Fecha: 19-Agosto-2023

Time: 01:37:17

Próximamente ganancias

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	PC1	PC4	ICMP	0.000	N	0	(edit)	(delete)		
Successful	PC2	PC5	ICMP	0.000	N	1	(edit)	(delete)		
Successful	PC3	PC6	ICMP	0.000	N	2	(edit)	(delete)		

Toggle PDU List Window

09:15 p. m.  
19/08/2023

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	PC1	PC4	ICMP	0.000	N	0	(edit)	(delete)		
Successful	PC2	PC5	ICMP	0.000	N	1	(edit)	(delete)		
Successful	PC3	PC6	ICMP	0.000	N	2	(edit)	(delete)		