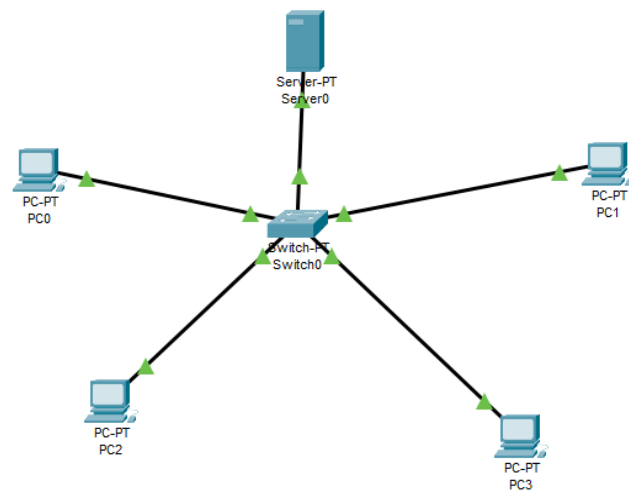


Segundo parcial 2T 2023/2024

Wuke Zhang

1-ASIR



829

1240

PT-Router

PT-Empty

1841

2620

Scenario 0

New

Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	--	Server0	PC0	ICMP		0.000	N	0	(edit)	(delete)
	--	PC0	PC2	ICMP		0.000	N	1	(edit)	(delete)
	Successful	Server0	PC0	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC0	PC2	ICMP		0.000	N	3	(edit)	(delete)

Realtime

Cree una red con la opción del servidor porque considero que es más fácil y rápido, para ello necesitamos un server, y un switch para conectarlo entre los 4 PC's que me pedían.

La ip es de tipo B por lo que la máscara será de 255.255.0.0, para que se conecten tenemos que configurar el server:

The screenshot shows the configuration window for a server named 'Server0' in Cisco Packet Tracer. The 'Services' tab is selected, and the 'DHCP' service is enabled. The configuration details are as follows:

- Interface: FastEthernet0
- Service: On
- Pool Name: serverPool
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0
- Start IP Address: 172.20.0.2
- Subnet Mask: 255.255.0.0
- Maximum Number of Users: 512
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Below the configuration fields, there are 'Add', 'Save', and 'Remove' buttons. A table displays the configured DHCP pool:

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	172.20.0.2	255.255.0.0	512	0.0.0.0	0.0.0.0

At the bottom left, there is a 'Top' button.

Server0

Physical Config Services Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 172.20.0.1

Subnet Mask 255.255.0.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::201:42FF:FE5E:D160

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

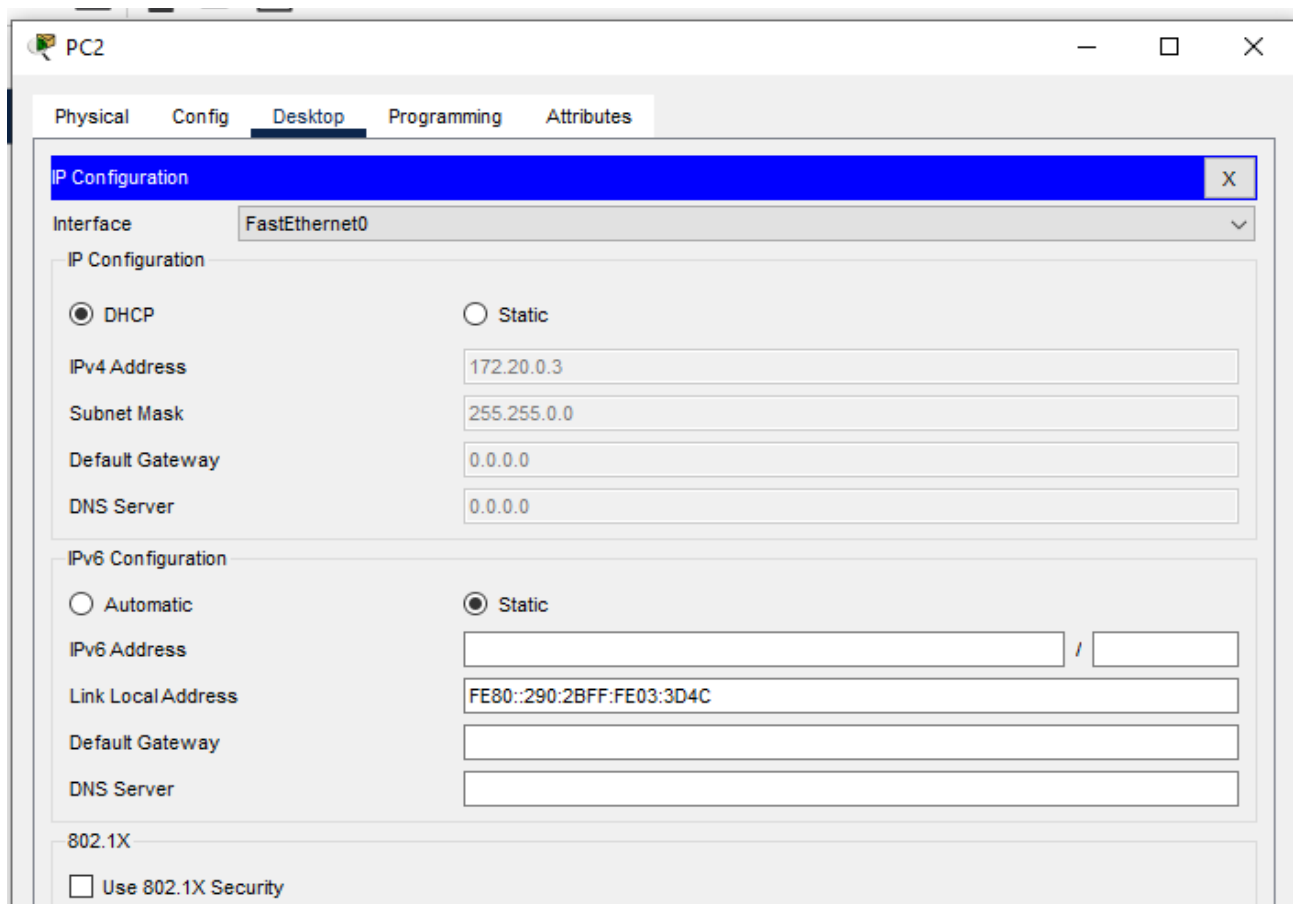
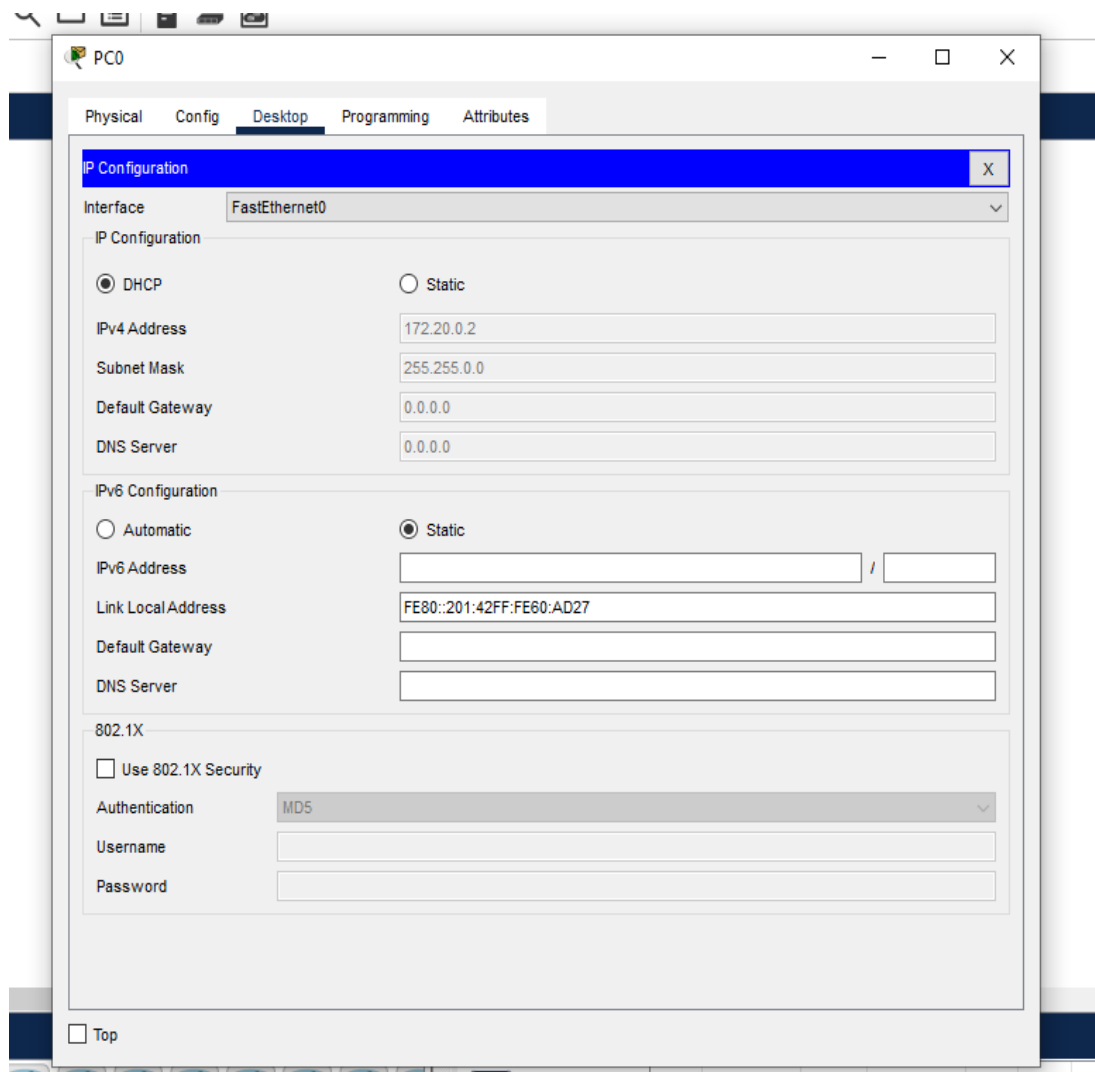
Authentication MD5

Username

Password

☐ Top

El servidor lleva la IP 172.20.0.1 y los PC's empiezan por esta IP 172.20.0.2 – 172.20.0.5.



PC1

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 172.20.0.5

Subnet Mask 255.255.0.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::201:C7FF:FED9:BA20

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

PC3

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 172.20.0.4

Subnet Mask 255.255.0.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:8FFF:FE53:EDE

Default Gateway

DNS Server

802.1X

Y para comprobar que todo este correcto hice ping de pc a server y pc a pc con el paquete que sale exitoso en la foto de la portada.