

Universidad autónoma de chiapas



Licenciatura en desarrollo y tecnologías
de software

Act. 1.4 Realiza la Siguiete práctica en Packet Tracert
configuracion de Vlan

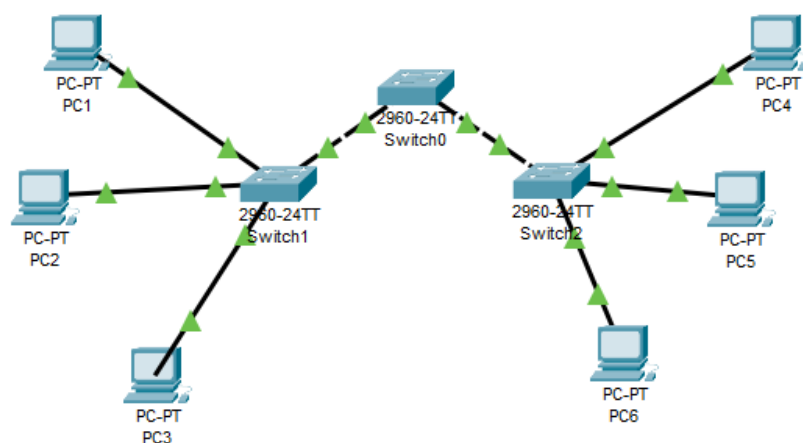
Grado y Grupo: 7mo "N"

Materia: Conmutadores Y Redes Inalámbricas

Nombre del docente: Luis Gutiérrez Alfaro

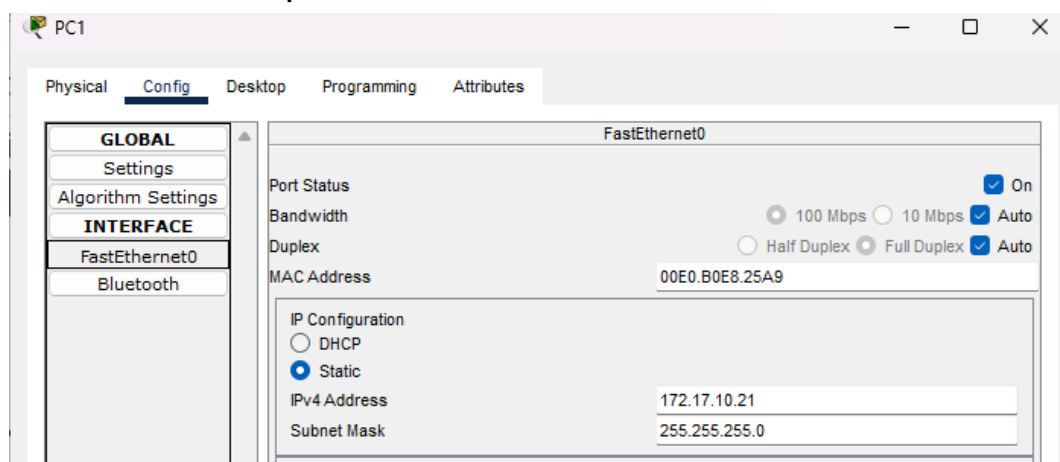
Alumno: Jiménez Ramírez Joahan

Lugar y Fecha: Tuxtla Gutiérrez, Chiapas a 18/08/23



Dispositivo	Interfaz	Dirección Ip	Máscara de subred	VLAN
PC1	NIC	172.17.10.21	255.255.255.0	10
PC2	NIC	172.17.20.22	255.255.255.0	20
PC3	NIC	172.17.30.23	255.255.255.0	30
PC4	NIC	172.17.10.24	255.255.255.0	10
PC5	NIC	172.17.20.25	255.255.255.0	20
PC6	NIC	172.17.30.26	255.255.255.0	30

Fotos de los dispositivos



PC2

Physical **Config** Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0002.4A94.E595

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 172.17.20.22

Subnet Mask 255.255.255.0

PC3

Physical **Config** Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.C90B.C3B3

IP Configuration

☐ DHCP

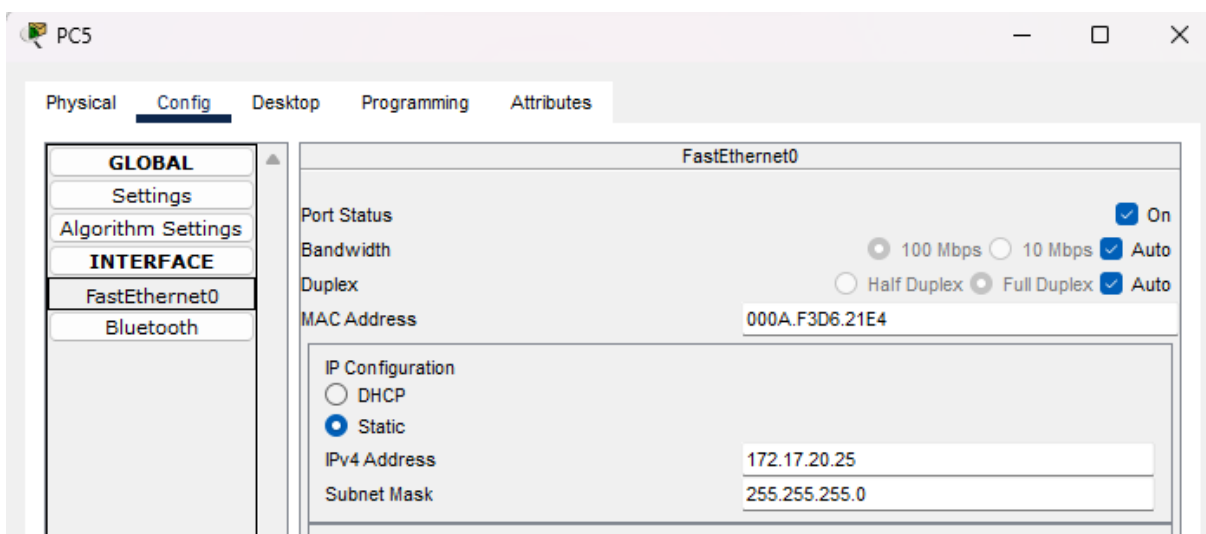
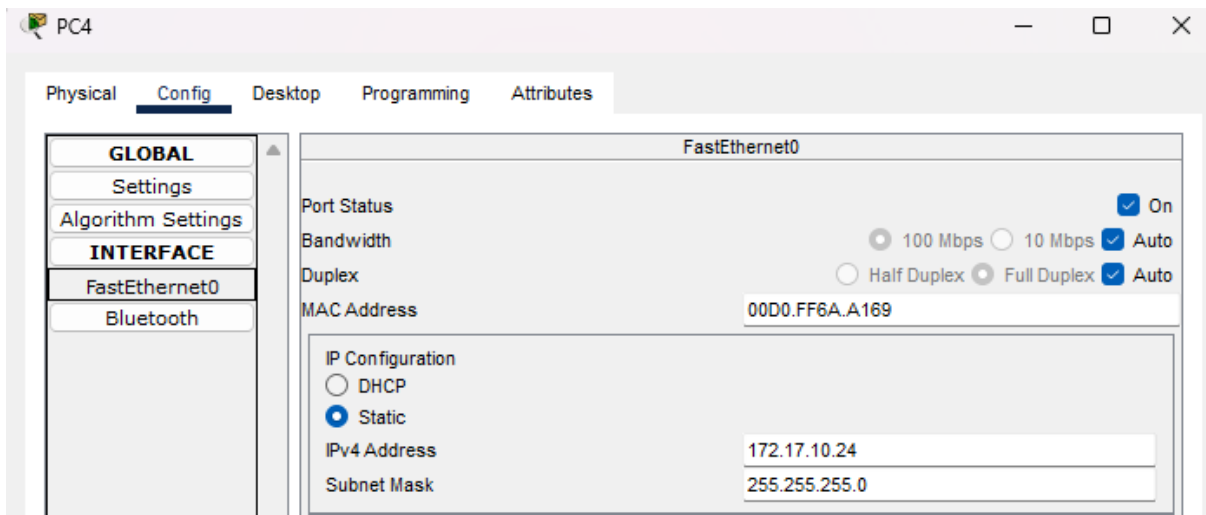
☒ Static

IPv4 Address 172.17.30.23

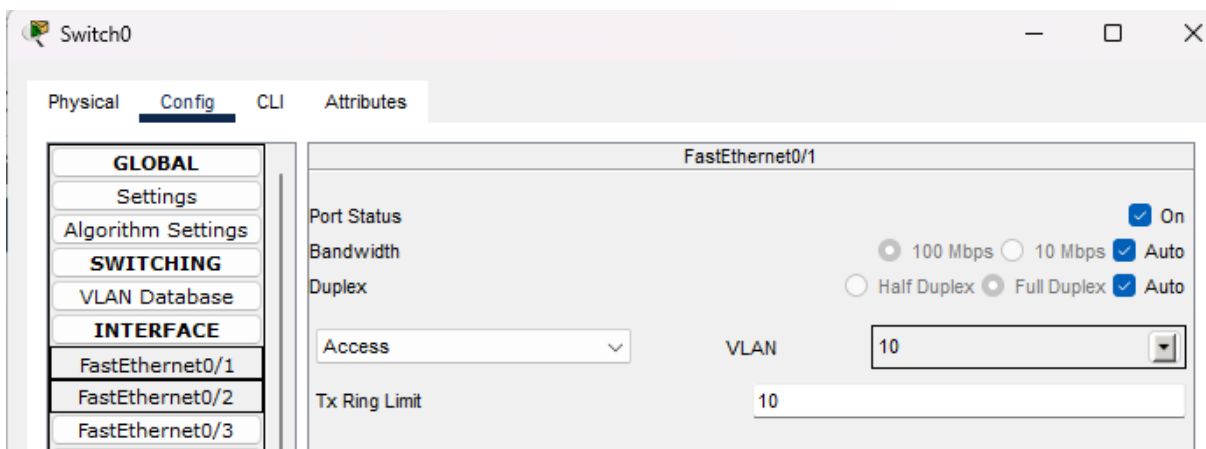
Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic



y asi mismo con los demás switches



Switch0

Physical **Config** CLI Attributes

GLOBAL

Settings

Algorithm Settings

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/1

FastEthernet0/2

FastEthernet0/3

FastEthernet0/4

FastEthernet0/2

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

Access VLAN 20

Tx Ring Limit 10

Switch0

Physical **Config** CLI Attributes

GLOBAL

Settings

Algorithm Settings

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/1

FastEthernet0/2

FastEthernet0/3

FastEthernet0/4

FastEthernet0/3

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☒ Half Duplex ☐ Full Duplex ☒ Auto

Access VLAN 30

Tx Ring Limit 10