

**LABORATORIO 15 16 17 18**

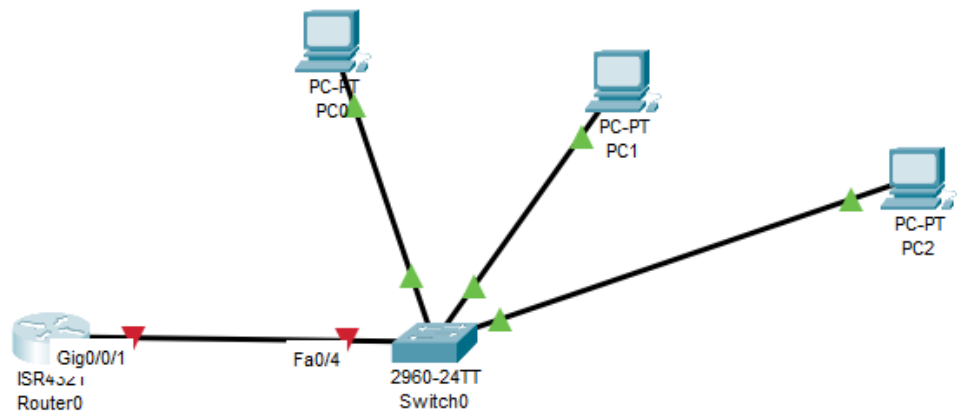
**CIBERSEGURIDAD**

**FABIAN ANDRES BENJUMEA**

**UNIVERSIDAD POPULAR DEL CESAR**

**VALLEDUPAR**

**2025**



Router0

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0/0

GigabitEthernet0/0/1

GigabitEthernet0/0/1

Port Status

On

Bandwidth

1000 Mbps

100 Mbps

10 Mbps

Auto

Duplex

Half Duplex

Full Duplex

Auto

MAC Address

0060.2FE3.E302

IP Configuration

IPv4 Address

192.168.1.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

Router>enable

Router#

Router#configure terminal

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

Router(config)#interface GigabitEthernet0/0/1

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/1, changed state to up

ip address 192.168.1.1 255.255.255.0

Router(config-if)#

Top

PC0

Physical

Config

Desktop

Programming

Attributes

IP Configuration

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.2

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:BAFF:FE59:8A3

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC1

PhysicalConfigDesktopProgrammingAttributes

Minimizar

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.3

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::202:16FF:FE41:5491

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC2

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.4

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::201:43FF:FE60:4AD5

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Access Point0

Physical

Config

Attributes

GLOBAL

INTERFACE

Port 0

Port 1

Port 1

Port Status

On

SSID

ESTUDIANTES

5 GHz Channel

112

Coverage Range (meters)

140,00

Authentication

Disabled

WEP

WPA-PSK

WPA2-PSK

WEP Key

PSK Pass Phrase

123456789

User ID

Password

Encryption Type

AES

Top

Laptop0

Physical

Config

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Bluetooth

Wireless0

Port Status

On

Bandwidth24 Mbps

MAC Address0060.3E38.E427

SSIDESTUDIANTES

Authentication

Disabled

WPA-PSK

WPA

802.1X

WEP

WPA2-PSK

WPA2

Method:

WEP Key

PSK Pass Phrase123456789

User ID

Password

MD5

User Name

Password

Encryption TypeAES

IP Configuration

DHCP

Static

IPv4 Address

Subnet Mask

IPv6 Configuration

Automatic

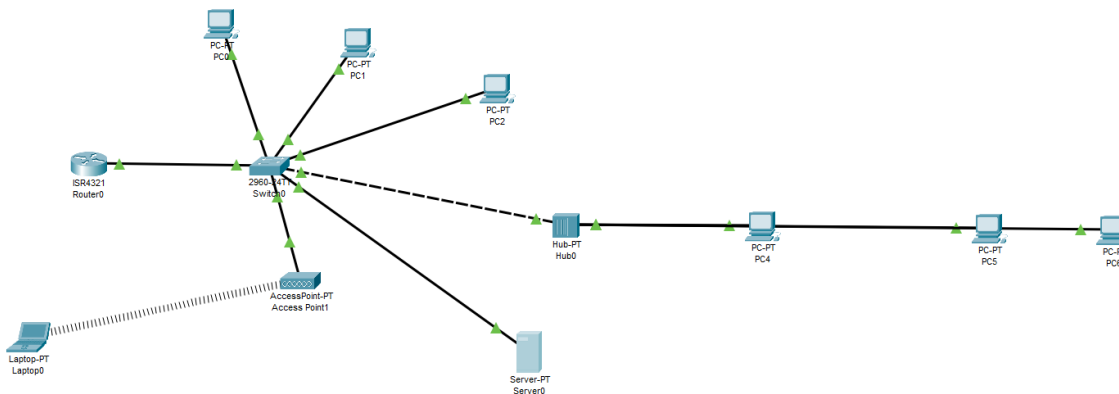
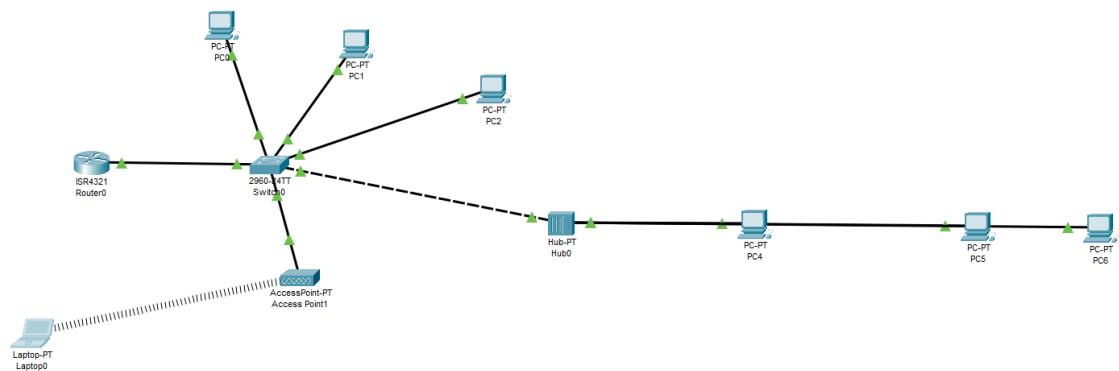
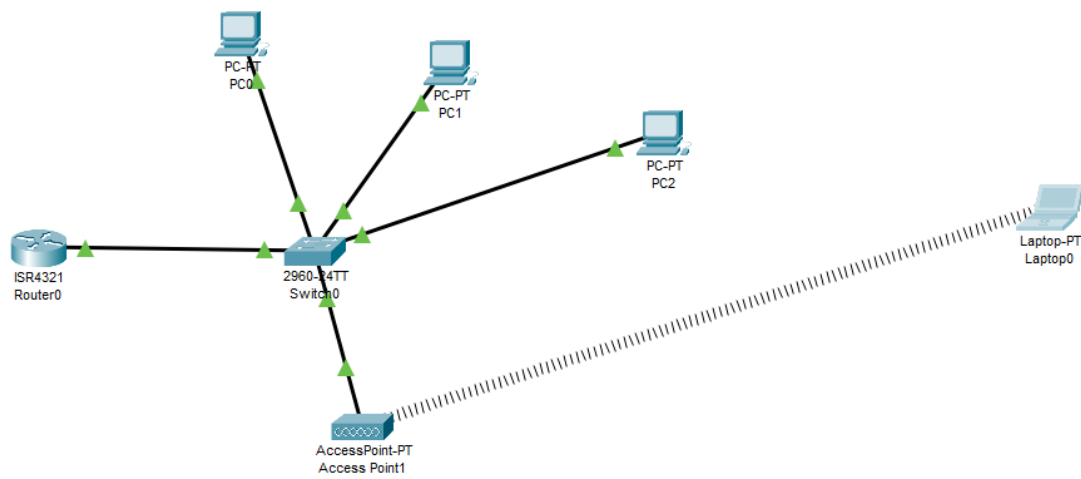
Static

IPv6 Address

Link Local Address: FE80::260:3EFF:FE38:E427

Top





Server0

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

FTP

Service

On

Off

User Setup

Username

Password

Write

Read

Delete

Rename

List

	Username	Password	Permission
1	cisco	cisco	RWDNL
2	ADMIN	ADMIN	RWDNL

Add

Save

Remove

File

1

asa842-k8.bin

2

asa923-k8.bin

3

c1841-advipservicesk9-mz.124-15.T1.bin

4

c1841-ipbase-mz.123-14.T7.bin

5

c1841-ipbasek9-mz.124-12.bin

6

c1900-universalk9-mz.SPA.155-3.M4a.bin

Remove

Top

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

0001.6410.CEBA

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

192.168.1.20

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address

FE80::201:64FF:FE10:CEBA

☐ Top

