



UNIVERSIDAD AUTÓNOMA DE CHIAPAS

Facultad de Contaduría y Administración C-I
Licenciatura en Ingeniería en Desarrollo y Tecnologías de
Software

Alumnos:

-Coronel Ovilla Brian Michell - A200726

Materia:

Conmutadores y redes inalámbricas

Actividad:

Act 3.3 Configurar un Router con GNS3 con DHCP con 2
segmentos VLANs VTP

Semestre y grupo:

7 "N"

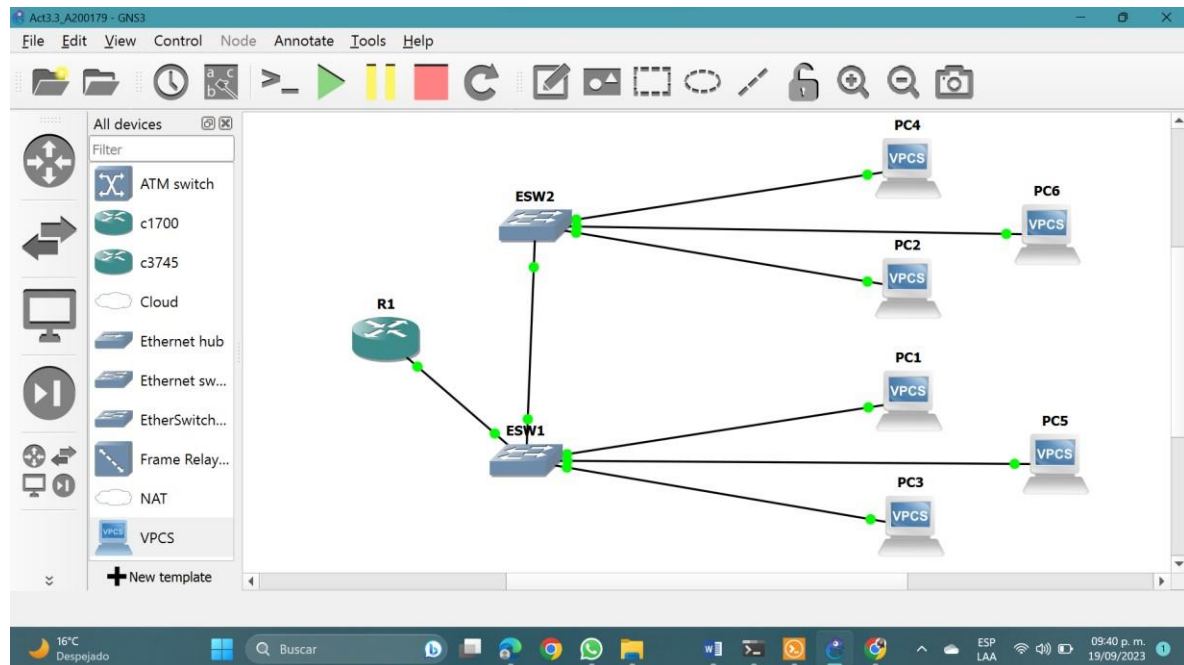
Docente:

Gutiérrez Alfaro Luis, Dr.

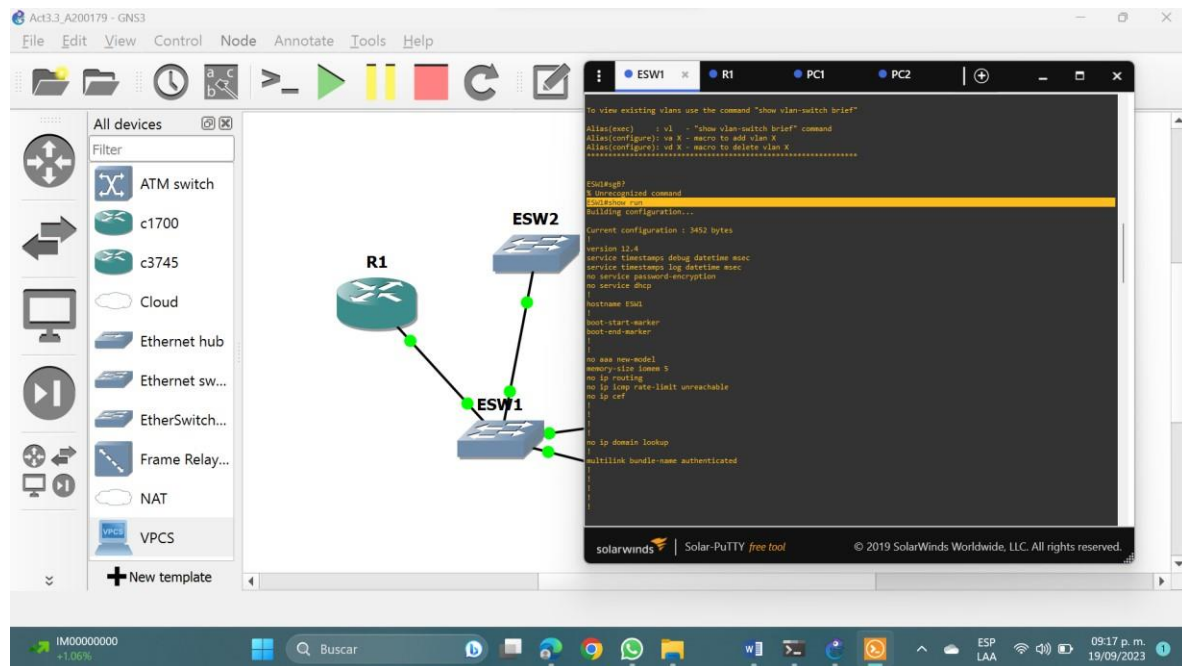
Fecha y lugar:

Tuxtla Gutiérrez, Chiapas
17/08/2023

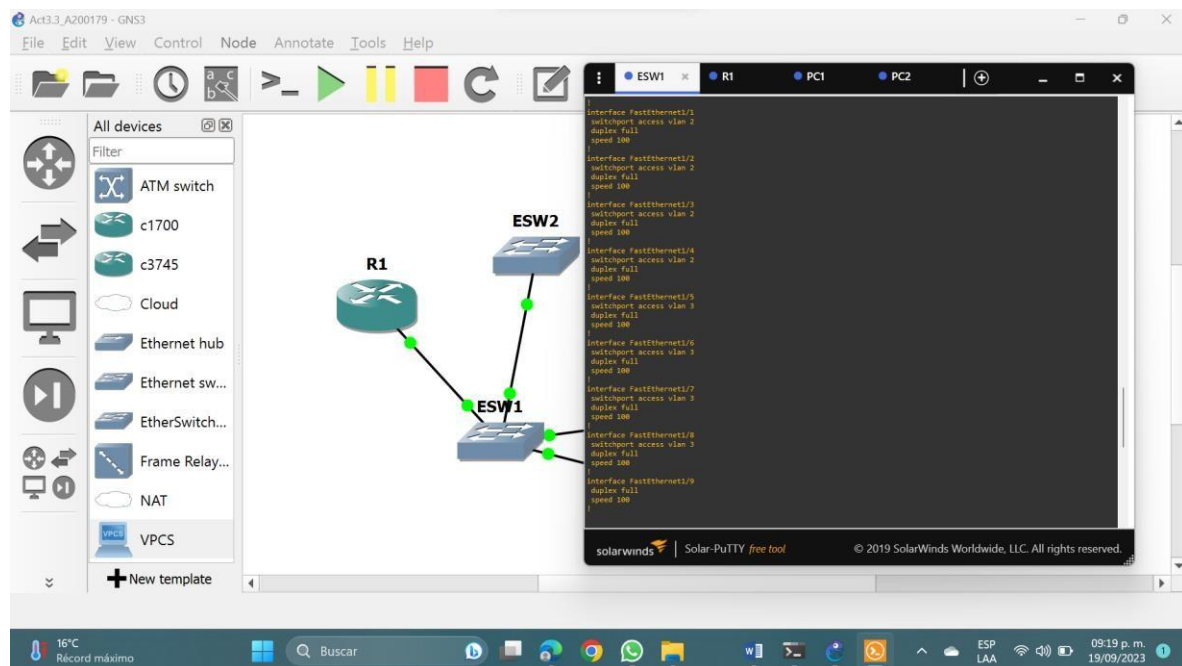
Esquema realizado e iniciado



Configuración de los switch

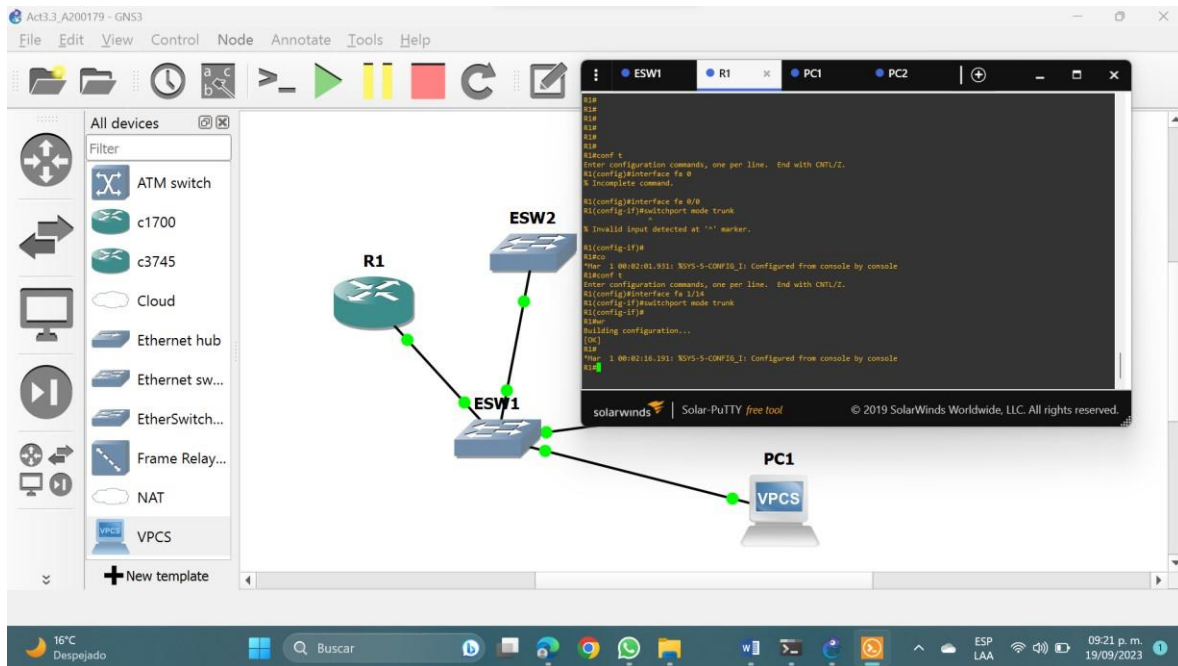


Reparto de las vlan

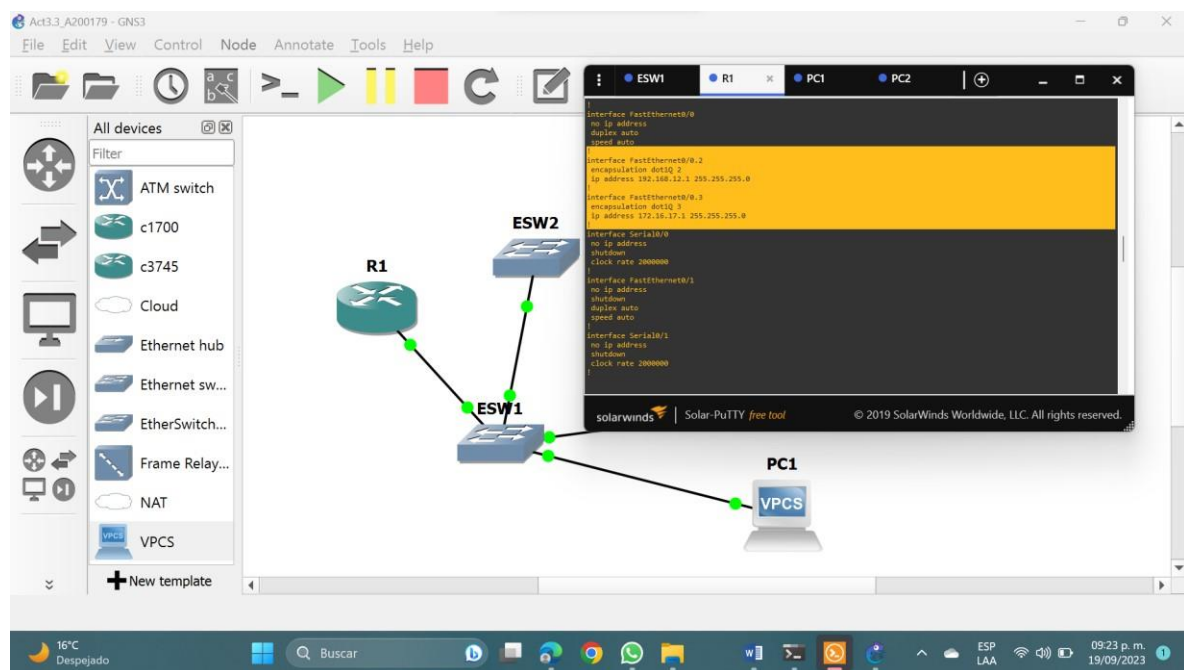


Interfaces donde se encuentra las vlan

Configuración del router



Configuración del router respecto a las vlan



Configuración de los pc a dhcp

The screenshot shows the GNS3 interface with a network topology including a router (R1), two switches (ESW1, ESW2), and a PC (PC1) connected to a VPCS. The PC1 terminal window displays the following configuration:

```
Build time: Apr 18 2019 02:42:28
Copyright (c) 2007-2024, Paul Meng (mirmsh@gmail.com)
All rights reserved.

VPCS is free software, distributed under the terms of the "BSD" licence.
Source code and license can be found at vps.sf.net.
For more information, please visit wiki.freemove.com.cn.
Press '?' to get help.
Executing the startup file.

PC1> dhcp
DHCPA IP 192.168.12.2/24 GW 192.168.12.1
PC1> show ip
NAME      : PC1[1]
IP/MASK   : 192.168.12.2/24
GATEWAY   : 192.168.12.1
DNS       : 0.0.0.0
DHCP SERVER : 192.168.12.1
DHCP LEASE : 86394, 86400/43200/75600
MAC       : 00:00:00:00:00:00
LPORT     : 10010
RHOST(PORT) : 127.0.0.1:10017
MTU       : 1500
```

The screenshot shows the GNS3 interface with the same network topology. The PC2 terminal window displays the following configuration:

```
Build time: Apr 18 2019 02:42:28
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All rights reserved.

VPCS is free software, distributed under the terms of the "BSD" licence.
Source code and license can be found at vps.sf.net.
For more information, please visit wiki.freemove.com.cn.
Press '?' to get help.
Executing the startup file.

PC2> dhcp
DHCPA IP 172.16.17.2/24 GW 172.16.17.1
PC2> show ip
NAME      : PC2[1]
IP/MASK   : 172.16.17.2/24
GATEWAY   : 172.16.17.1
DNS       : 0.0.0.0
DHCP SERVER : 172.16.17.1
DHCP LEASE : 86396, 86400/43200/75600
MAC       : 00:00:00:00:00:00
LPORT     : 10022
RHOST(PORT) : 127.0.0.1:10023
MTU       : 1500
```