Problemática de Redes Inalámbricas

Diagrama de Topología
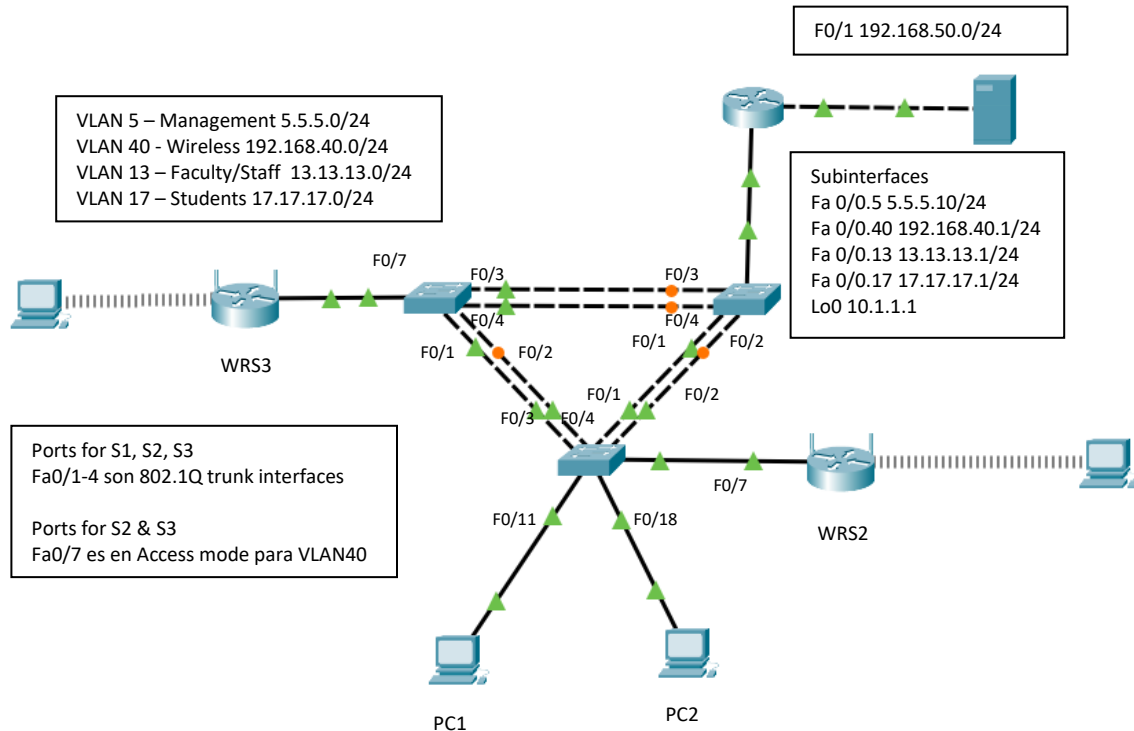
F0/1 192.168.50.0/24

VLAN 5 – Management 5.5.5.0/24
VLAN 40 - Wireless 192.168.40.0/24
VLAN 13 – Faculty/Staff 13.13.13.0/24
VLAN 17 – Students 17.17.17.0/24

Subinterfaces
Fa 0/0.5 5.5.5.10/24
Fa 0/0.40 192.168.40.1/24
Fa 0/0.13 13.13.13.1/24
Fa 0/0.17 17.17.17.1/24
Lo0 10.1.1.1

F0/7

F0/3
F0/3
F0/4
F0/4
WRS3
F0/1
F0/2
F0/1
F0/2

F0/1
F0/2
F0/3
F0/4

Ports for S1, S2, S3
Fa0/1-4 son 802.1Q trunk interfaces

Ports for S2 & S3
Fa0/7 es en Access mode para VLAN40

F0/7
WRS2

F0/11
F0/18

PC1
PC2

Tabla de Direccionamiento

Device	Interface	IP Address	Subnet Mask	Default Gateway
	Fa0/0.5	5.5.5.10	255.255.255.0	N/A
	Fa0/0.40	192.168.40.1	255.255.255.0	N/A
R1	Fa0/0.13	13.13.13.10	255.255.255.0	N/A
	Fa0/0.17	17.17.17.10	255.255.255.	N/A
	Lo0	10.1.1.1	255.255.255.252	N/A
WRS2	WAN	192.168.40.1	255.255.255.0	192.168.40.1
	LAN/Wireless	192.168.20.1	255.255.255.0	N/A
WRS3	WAN	192.168.40.3	255.255.255.0	192.168.40.1
	LAN/Wireless	192.168.30.1	255.255.255.0	N/A
PC1	NIC	13.13.13.10	255.255.255.0	13.13.13.1
PC2	NIC	17.17.17.10	255.255.255.0	17.17.17.1
S1	VLAN 5	5.5.5.1	255.255.255.0	N/A
S2	VLAN 5	5.5.5.2	255.255.255.0	N/A
S3	VLAN 5	5.5.5.3	255.255.255.0	N/A