

Steps to Associate APs with the UniFi WLC:

- DHCP Option 43 Hex is configured on the SonicWall UTM

UNIFI WLC IP: 10.210.108.66

Split the IP into octets and convert each one to hex:

10 = 0A

210 = D2

108 = 6C

66 = 42

UniFi expects Option 43 in the following format:

01:04:<HEX_IP>

Where:

01 = sub-option

04 = length (4 bytes)

<HEX_IP> = IP address in hexadecimal (e.g., 0A:D2:6C:42)

DHCP Option 43 (UniFi WLC): 01:04:0A:D2:6C:42.



DHCP Advanced Settings

Go Back

Option Objects Option Groups Others

Option Name: WLC_Unifi

Option Number: 43 (Vendor Specific Information)

Option Array: ☐

Option Type: Hex String

Option Value: 01040AD26C42

DHCP Advanced Settings

Option Objects			
Option Groups			
Others			
#	NAME	OPTION DETAILS	TYPE
1	WLC_Unifit_Group		Group
	WLC_Unifit	43 / 01040AD26C42	Hex String
	Option 60	60 / ubnt	String

DHCP Server Settings			
DHCP Server Lease Scopes			
Current DHCP Leases			
#	TYPE	ENTRY NAME	LEASE SCOPE
1	Dynamic		Range: 10.100.1.4 - 10.100.1.254
2	Dynamic		Range: 172.16.1.1 - 172.16.1.254
3	Dynamic		Range: 172.16.1.1 - 172.16.1.254
4	Dynamic		Range: 172.16.1.1 - 172.16.1.254
5	Dynamic		Range: 172.16.1.1 - 172.16.1.254
6	Dynamic		Range: 172.16.1.1 - 172.16.1.254
7	Dynamic		Range: 172.16.1.1 - 172.16.1.254
8	Dynamic		Range: 172.16.1.1 - 172.16.1.254
9	Dynamic		Range: 172.16.1.1 - 172.16.1.254
10	Dynamic		Range: 172.16.1.1 - 172.16.1.254

SONICWALL SoniCS 7.1.3-1051

19C24E0C0D66 Mod. Available, BO [Primary & Active] | Network / System / DHCP Server

DHCP Server Settings | DHCP Server Lease Scopes | Current DHCP Leases

IPv4 IPv6

Dynamic Range Configuration

General | DNS/DHCP | Advanced

VOIP CALL MANAGERS

Call Manager 1

Call Manager 2

Call Manager 3

NETWORK BOOT SETTINGS

NextServer: 0.0.0.0

Boot File

Server Name

DHCP GENERIC OPTIONS

DHCP Generic Option Group: WLC_Mediate

Seed Generic Options Always: ☒

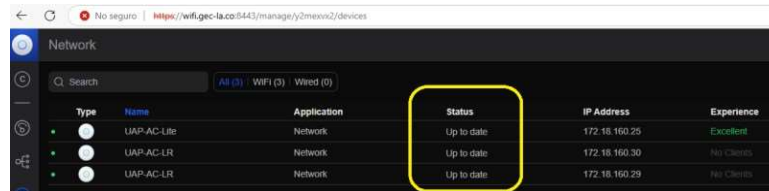
Cancel OK

- A factory reset is performed on the APs
- Switch: AP VLAN Management, untag port, example: 101

```
interface 20
name "AP-A_172.18.160.9/27_Comercial"
tagged vlan 100,102-107,202-204,301-304,401-406,501-504,800-801
untagged vlan 101
lldp enable-notification
exit
```

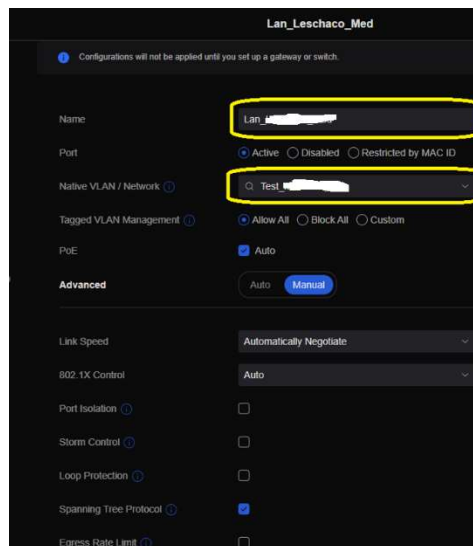
Adopting access points into the UniFi virtual controller (WLC).

- After restarting the APs, the yellow square field becomes available to initiate the adoption process



Type	Name	Application	Status	IP Address	Experience
UAP-AC-Lite		Network	Up to date	172.18.160.25	Excellent
UAP-AC-LR		Network	Up to date	172.18.160.30	No Clients
UAP-AC-LR		Network	Up to date	172.18.160.29	No Clients

- Settings→Profiles→Create New



Lan_Leschaco_Med

Configurations will not be applied until you set up a gateway or switch.

Name:

Port: ☒ Active ☐ Disabled ☐ Restricted by MAC ID

Native VLAN / Network:

Tagged VLAN Management: ☒ Allow All ☐ Block All ☐ Custom

PoE: ☒ Auto

Advanced: ☐ Auto ☒ Manual

Link Speed:

802.1X Control:

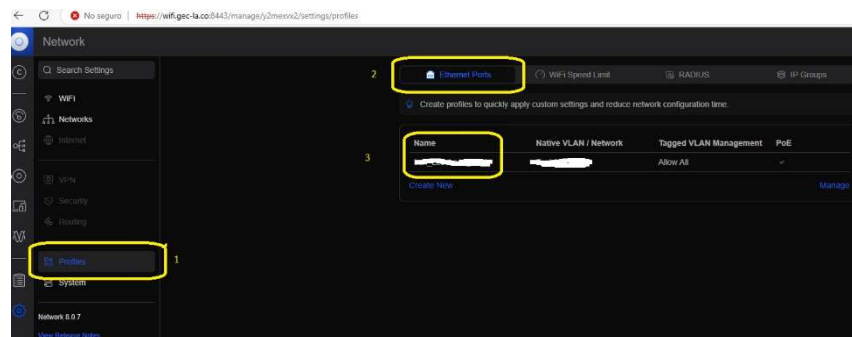
Port Isolation: ☐

Storm Control: ☐

Loop Protection: ☐

Spanning Tree Protocol: ☒

Egress Rate Limit: ☐



Network

Search Settings

WiFi

Networks

Internet

VPN

Security

Routing

Profiles

System

Network E 0.7

View Release Notes

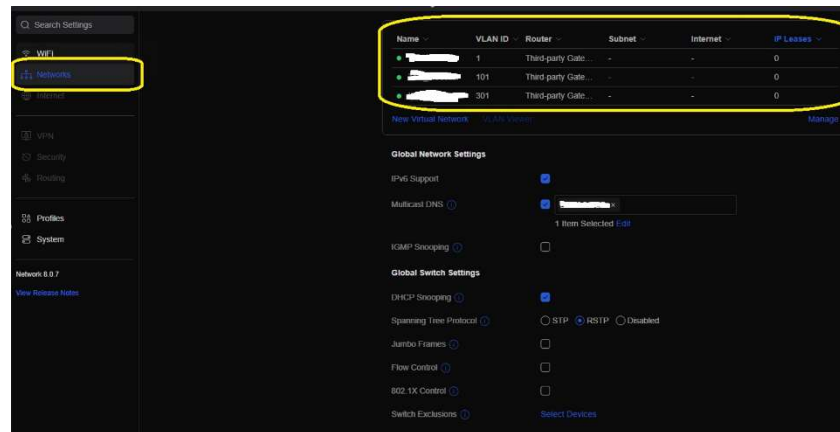
Ethernet Profile

Create profiles to quickly apply custom settings and reduce network configuration time.

Name	Native VLAN / Network	Tagged VLAN Management	PoE
Lan_Leschaco_Med	Test	Allow All	☒

Create New Manage

Settings→Networks→New Virtual Networks



Settings→WiFi→Create New

