

Configure un enlace punto a punto de 2 capas por dispositivo 11AC

Estos son los pasos sobre cómo configurar un enlace PtP mediante 11AC.

La topología de red es así.

Computadora (192.168.1.100) / WIS-L525AC (192.168.1.2) / WIS-L525AC (192.168.1.3) / Computadora (192.168.1.88)

1) Configure 192.168.1.2 como AP. Inicie sesión y configure la IP LAN

The screenshot shows the WIS Network configuration interface. The 'Network' tab is selected. A warning message at the top states: "The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface. Go to password configuration...". Below this is the 'VLAN Overview' section, which contains a table with the following data:

Name	LAN Port	Protocol	IPv4-Address	Netmask	DHCP Server	
lan1	eth0 eth1 ath0	dhcp	192.168.1.45	255.255.255.0	Disabled	<input type="button" value="Disable"/> <input type="button" value="Delete"/> <input type="button" value="Edit"/>

The screenshot shows the WIS Network configuration interface for the 'LAN Interface'. The 'Network' tab is selected. The configuration form includes the following fields:

- LAN Port:** Untag Port (eth0, eth1, ath0) and Tag Port.
- STP:**
- Auto IP Alias:**
- Protocol:** Static (highlighted with a red box)
- IPv4 Address:** (highlighted with a red box)
- Netmask:** (highlighted with a red box)
- Gateway:**
- MTU:** 1500

2) Configure la radio de AP, de la siguiente manera.

wifi0

Mode: AP | IEEE 802.11 Mode: 11ac

Bandwidth: 80MHz | Channel: 149 (5745 MHz)

Tx Power: 27 dBm | Region: World

Template ID	Template Name	SSID	Network	wlan Port Name	Action
0	default_5G	AP_5G	lan1	ath0	Delete

WEP Key

3) Habilite el WDS en la página Servicio inalámbrico.

The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface. Go to password configuration...

ID	Template Name	SSID	Hide SSID	WDS	Encryption	Radio Bound
0	default_5G	AP_5G	Disable	Enable	none	wifi0

Template Name: default_5G

SSID: AP_5G

Hide SSID:

WDS:

Max Client: 32

MAC Filter: Disable

MAC List: default

Multicast Optimization:

Security: None

Auth Type: None

4) Cuando finalice el AP, puede ver la página de estado para confirmar

The screenshot shows the 'Status' page of the Wis Networks interface. The 'Network' section displays WAN Status as 'Not Connected' and LAN1 Status with the following details:

- Type: dhcp
- IPv4 address: 192.168.145
- Netmask: 255.255.255.0
- Connected: 0h 23m 20s
- LAN Port: eth0 eth1 ath0
- DHCP Server: Disabled
- Rx: 1.51 MB (18894 Pkts)
- Tx: 9.53 MB (8598 Pkts)

The 'Active Connections' bar shows 11 / 16384 (0%). The 'Wireless' section shows a table for 802.11an Wireless (wifi0):

SSID	BSSID	Interface	Mode	Encryption	Channel	Frequency	Association
AP_5G	FC:AD:0F:90:10:00	ath0	AP	None	149	5.745GHz	0

5) Establezca el lado STA. Inicie sesión y primero configure la IP de la LAN como el mismo.

The screenshot shows the 'Network' page. A warning message states: "The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface. Go to password configuration...". The 'VLAN Overview' table shows the LAN interface configuration:

Name	LAN Port	Protocol	IPv4-Address	Netmask	DHCP Server	Actions
lan1	eth0 eth1 ath0	dhcp	192.168.145	255.255.255.0	Disabled	Disable, Delete, Edit

The screenshot shows the configuration page for the LAN interface. The 'Protocol' is set to 'Static'. The 'IPv4 Address' and 'Netmask' fields are highlighted with red boxes, indicating they need to be configured. The 'MTU' is set to 1500. The 'Add Port' section shows 'eth0', 'eth1', and 'ath0' selected as Untag Ports.

6) Configure el radio de la siguiente manera

The screenshot shows the WIS Network configuration interface. The 'Wireless' tab is selected in the top navigation bar. On the left sidebar, 'Radio' is selected, and 'wif0' is highlighted. The main content area is divided into two sections:

- wif0 configuration:**
 - Mode: Station
 - IEEE 802.11 Mode: 11ac
 - Bandwidth: 80MHz
 - Channel: 149 (5745 MHz)
 - Tx Power: 27 dBm
 - Region: World
- Wireless Client Setting:**
 - SSID: [Empty field] with a Scan button
 - Enable WDS: [Checked]
 - Encryption: None
 - BSSID: admin
 - Network: lan1
 - Auth Type: None

At the bottom right, there are 'Apply' and 'Save & Apply' buttons.

7) El lado STA está terminado. Escanee y bloquee el SSID del AP del otro lado. Espere aproximadamente 1 minuto y vea la página de estado para confirmar.

La configuración está terminada. Puede verificar el enlace haciendo ping al dispositivo del otro lado. El rendimiento del enlace 11AC PtP puede obtener 500+ Mbps a 1km. Y alrededor de 300+ Mbps a 10 km