

Laboratorio: Routers

Esta actividad consta de dos partes:

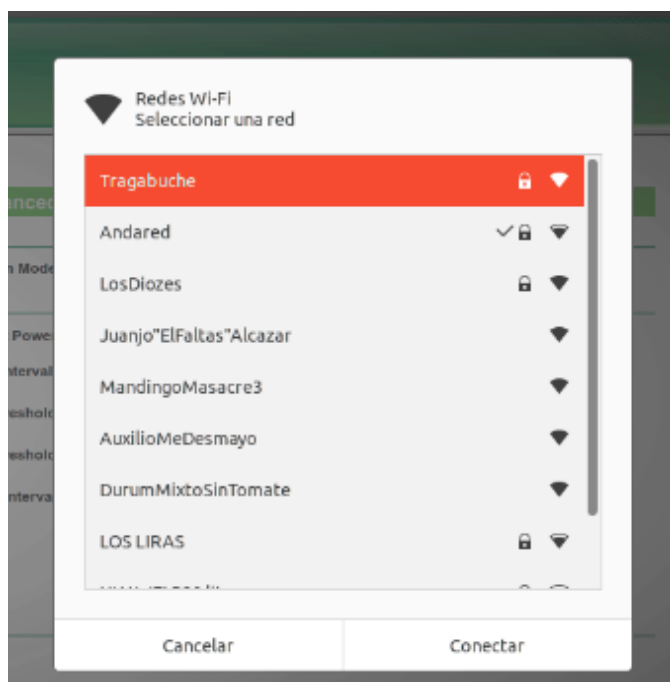
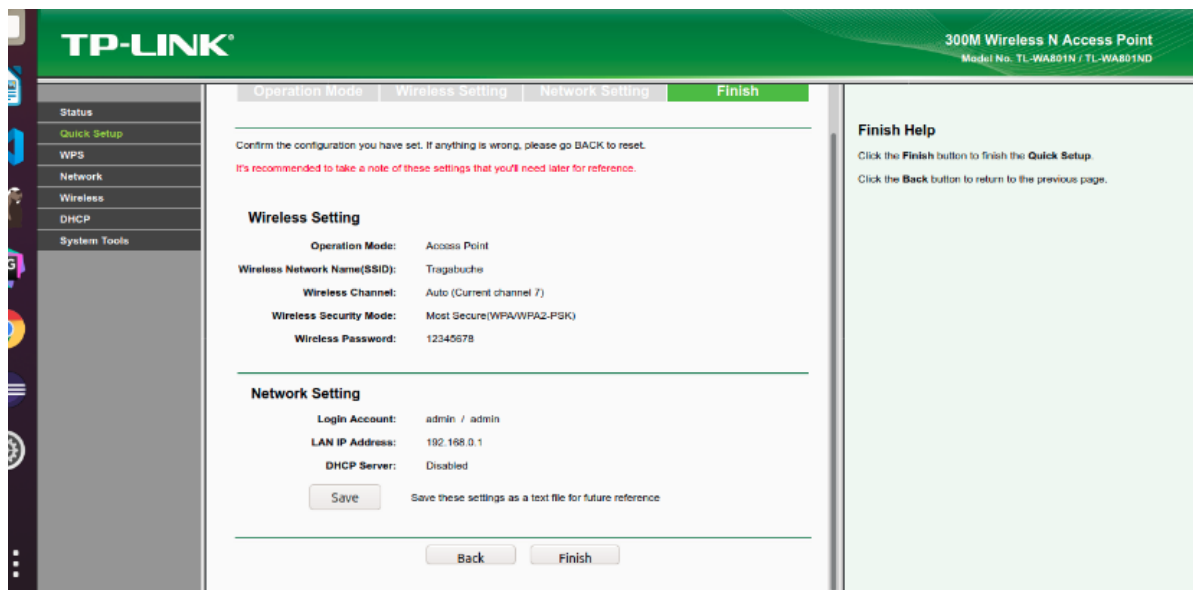
- Por un lado debéis configurar el router como punto de acceso, y amplificar la señal conectando el ordenador o el móvil a la señal wifi del router
- En segundo lugar hacer una subred nueva con el router, así cogeríamos la red de la clase y cada uno se creará una subred a la que conectará su móvil.

Todo esto deberá estar documentado y con las correspondientes capturas de pantalla

Sumario de calificaciones

Conectamos el router a la red.

Accedemos a la dirección que nos indica el router por detrás y configuramos la red.



Vemos como efectivamente se ha configurado bien el router y nos aparece para poder conectarnos.

Para hacer las distintas subredes vamos a hacer lo mismo que antes pero en vez de acces point le daremos a multi ssid.

TP-LINK® 300M Wireless N Access Point
Model No. TL-WA801N / TL-WA801ND

Wireless Setting

Operation Mode: Multi-SSID
Wireless Channel: Auto (Current channel 7)

SSID 1: Tragabuche
Wireless Security Mode: No Security

SSID 2: Tragabuche1
Wireless Security Mode: No Security

SSID 3: Tragabuche2
Wireless Security Mode: No Security

SSID 4: Tragabuche3
Wireless Security Mode: No Security

Network Setting

Login Account: admin / admin
LAN IP Address: 192.168.0.254
DHCP Server: Enabled

Finish Help

Click the **Finish** button to finish the **Quick Setup**.
Click the **Back** button to return to the previous page.

TP-LINK® 300M Wireless N Access Point
Model No. TL-WA801N / TL-WA801ND

Status

Firmware Version: 3.15.9 Build 140425 Rel.44079n
Hardware Version: WA801N v2.00000000

Wired

MAC Address: 60-E3-27-35-7B-DA
IP Address: 192.168.0.254
Subnet Mask: 255.255.255.0

Wireless

Operation Mode: Multi-SSID
Wireless Network Name: Tragabuche, Tragabuche1, Tragabuche2, Tragabuche3
Channel: Auto (Current channel 7)
Mode: 11bgn mixed
Channel Width: Automatic
Max Tx Rate: 300Mbps
MAC Address: 60-E3-27-35-7B-DA

Traffic Statistics

Status Help

The **Status** page displays the system's current status and configuration. All information is read-only.

Wired - The following is the information of Wired LAN. You can configure them in the **Network** page.

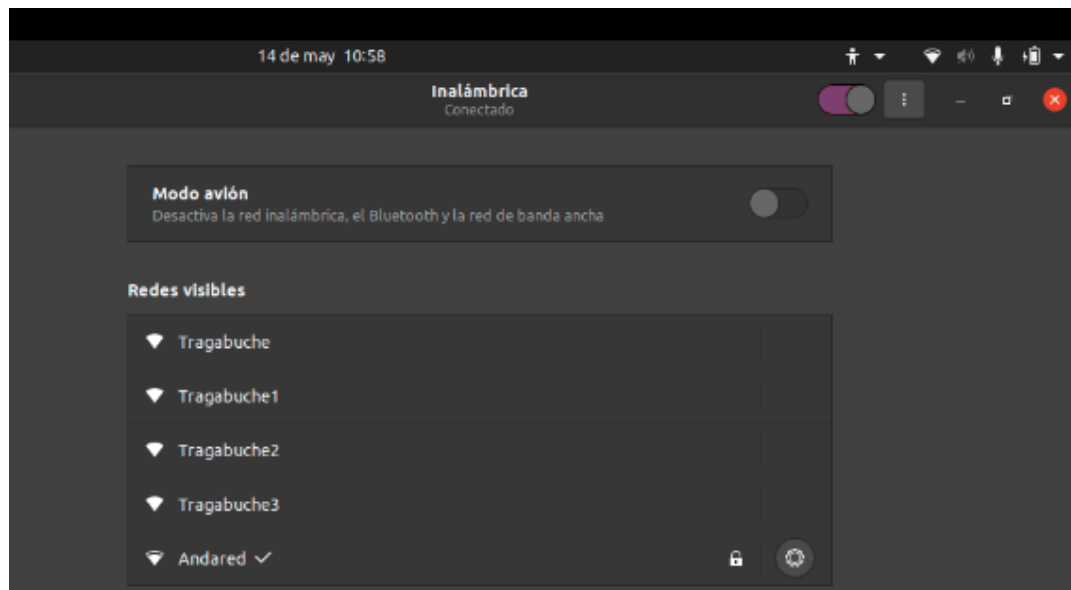
- **MAC Address** - The physical address of the system, as seen from the LAN.
- **IP Address** - The IP address of the wired LAN.
- **Subnet Mask** - The subnet mask associated with IP address.

Wireless - These are the current settings or information for Wireless. You can configure them in the **Wireless** -> **Wireless Settings** page.

- **Operation Mode** - Indicates the mode which the AP is working on.
- **Wireless Name of Root(Remote) AP** - The SSID of the Root(Remote) AP.
- **Wireless Network Name/Local Wireless Name** - The SSID of the AP.
- **Channel** - The current wireless channel in use.
- **Mode** - The current wireless mode which the AP works on.
- **Channel Width** - The bandwidth of the wireless channel.
- **MAC Address** - The physical address of the AP, as seen from the WLAN.

Traffic Statistics - The system traffic statistics.

- **Sent (Bytes)** - Traffic that counted in bytes has been sent out from WLAN.
- **Sent (Packets)** - Traffic that counted in packets has been sent out from WLAN.
- **Received (Bytes)** - Traffic that counted in bytes has been received from WLAN.



Comprobamos como están todas las subredes que hemos creado