

Configurar Router Mikrotik

Conexión inicial

- Conectamos la boca Eth 1 del mikrotik a la misma red a la que estemos conectados . La boca 1 tiene un cliente de DHCP y cogerá una ip automáticamente.
- Usando el programa Winbox previamente descargado de la página de Mikrotik, nos conectamos o bien por ip o usando la MAC mediante la pestaña Neightbords para configurarlo

usuario: admin

password : no tiene

Cambiar la contraseña del usuario admin

por defecto el usuario admin viene sin contraseña, por lo que debemos asignarle una contraseña:

Vamos a system/users

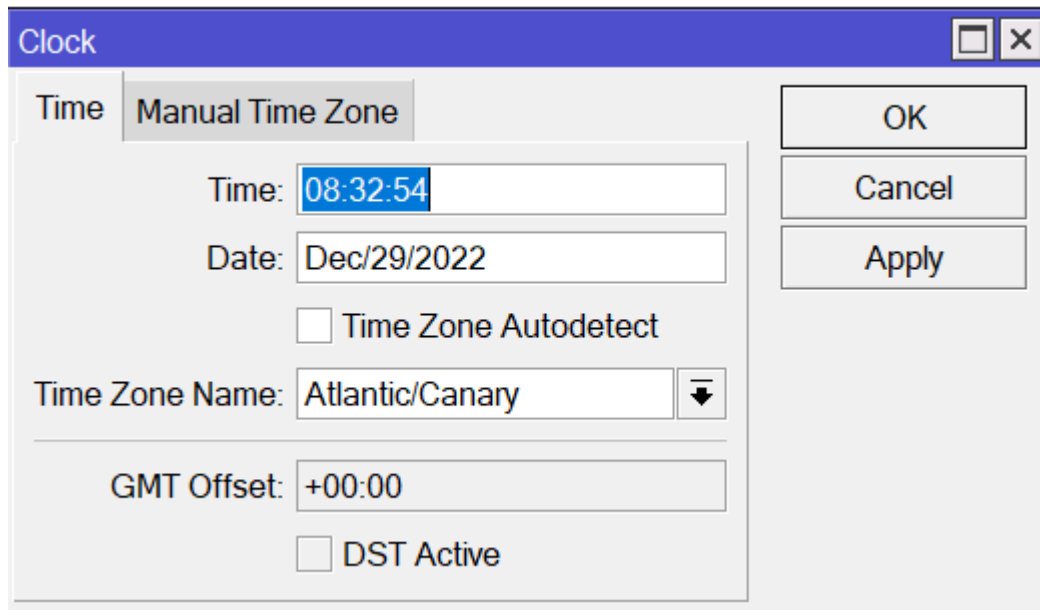
User List

UsersGroupsSSH KeysSSH Private KeysActive Users

<

Sincronizar hora

se cambia la zona horaria a Atlantic/Canary. Vamos a System/Clock



The 'Clock' window has a title bar with a maximize button and a close button. It contains two tabs: 'Time' and 'Manual Time Zone'. The 'Manual Time Zone' tab is active. The 'Time' field shows '08:32:54'. The 'Date' field shows 'Dec/29/2022'. There is a checkbox for 'Time Zone Autodetect' which is unchecked. The 'Time Zone Name' dropdown menu shows 'Atlantic/Canary'. The 'GMT Offset' field shows '+00:00'. There is a checkbox for 'DST Active' which is unchecked. On the right side, there are three buttons: 'OK', 'Cancel', and 'Apply'.

Time Manual Time Zone

Time: 08:32:54

Date: Dec/29/2022

☐ Time Zone Autodetect

Time Zone Name: Atlantic/Canary

GMT Offset: +00:00

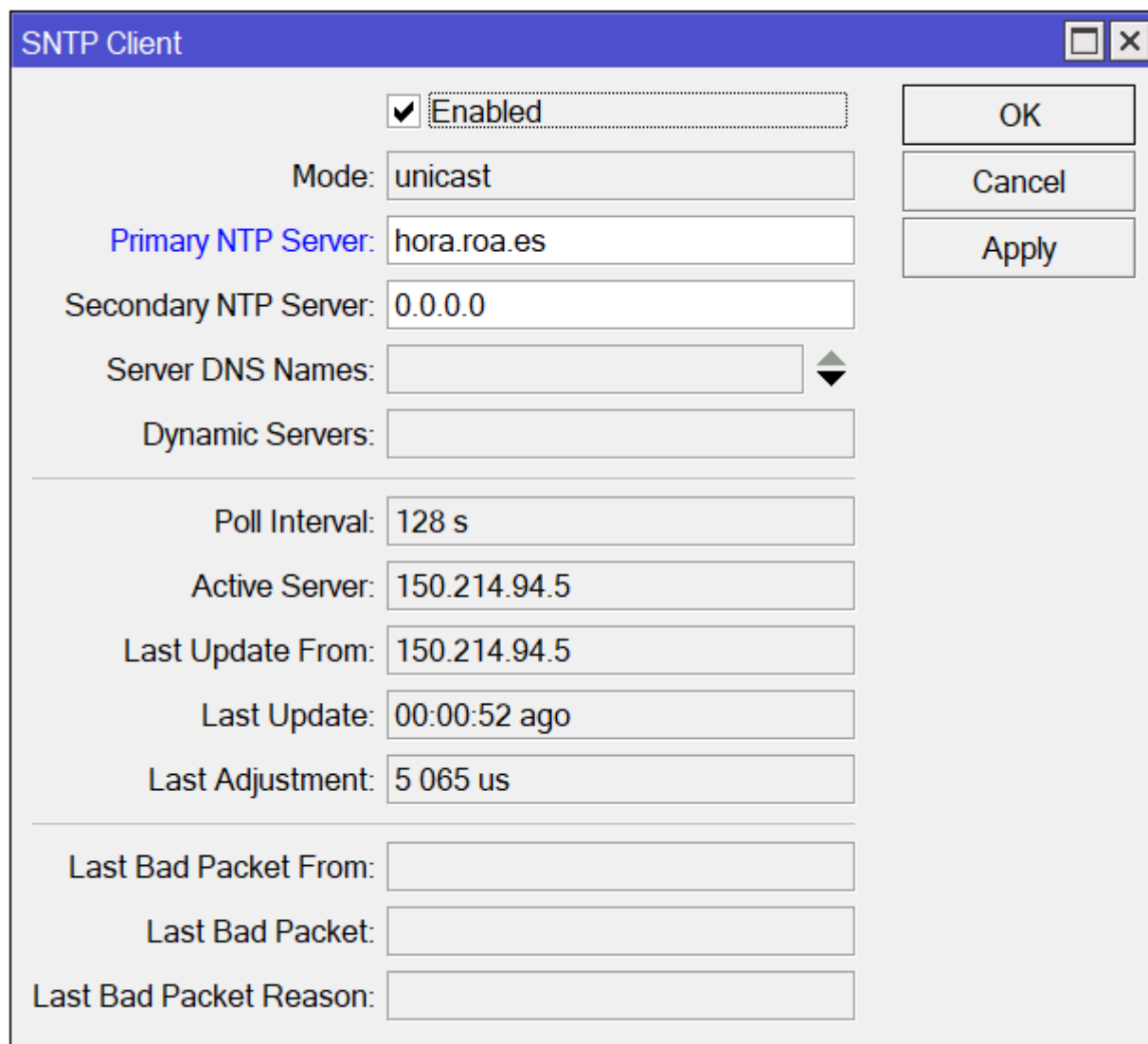
☐ DST Active

OK

Cancel

Apply

Activamos el cliente de ntp del router en → system/sntp client



The 'SNTP Client' window has a title bar with a maximize button and a close button. It contains a checkbox for 'Enabled' which is checked. The 'Mode' dropdown menu shows 'unicast'. The 'Primary NTP Server' field shows 'hora.roa.es'. The 'Secondary NTP Server' field shows '0.0.0.0'. The 'Server DNS Names' field is empty. The 'Dynamic Servers' field is empty. The 'Poll Interval' field shows '128 s'. The 'Active Server' field shows '150.214.94.5'. The 'Last Update From' field shows '150.214.94.5'. The 'Last Update' field shows '00:00:52 ago'. The 'Last Adjustment' field shows '5 065 us'. The 'Last Bad Packet From' field is empty. The 'Last Bad Packet' field is empty. The 'Last Bad Packet Reason' field is empty. On the right side, there are three buttons: 'OK', 'Cancel', and 'Apply'.

SNTP Client

☒ Enabled

Mode: unicast

Primary NTP Server: hora.roa.es

Secondary NTP Server: 0.0.0.0

Server DNS Names:

Dynamic Servers:

Poll Interval: 128 s

Active Server: 150.214.94.5

Last Update From: 150.214.94.5

Last Update: 00:00:52 ago

Last Adjustment: 5 065 us

Last Bad Packet From:

Last Bad Packet:

Last Bad Packet Reason:

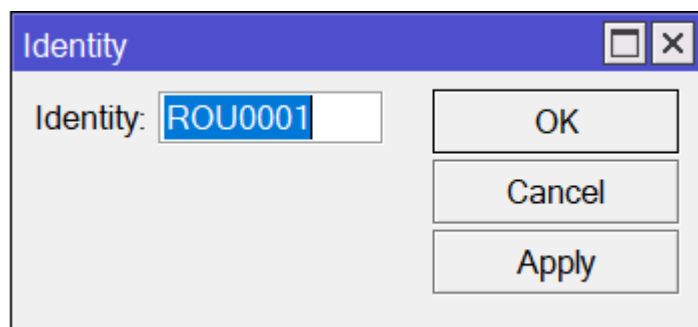
OK

Cancel

Apply

Cambiamos el identificador del router

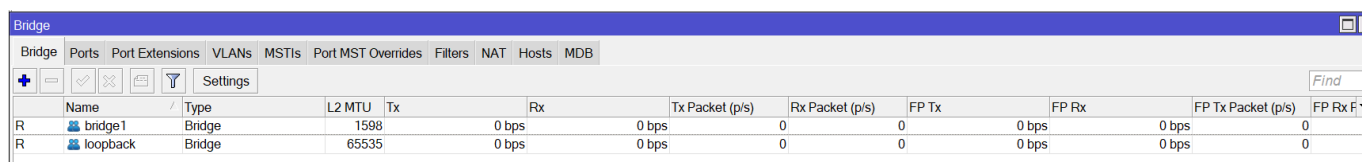
Vamos a → System/Identity



The Identity configuration window shows the 'Identity' field set to 'ROU0001'. Below the field are three buttons: 'OK', 'Cancel', and 'Apply'.

Creamos un Bridge

En el menú /BRIDGE vamos a crear dos bridges, uno para aplicar la configuración a los puerto eth1 al eth5, el otro lo llamamos loopback pero no tiene asociado ningún interfaz

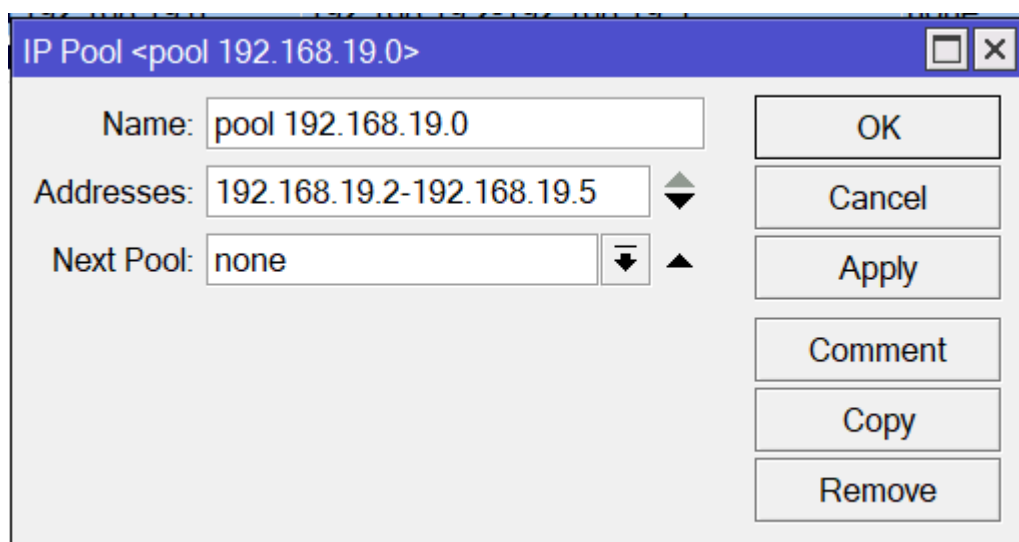


The Bridge configuration window shows a table with two bridges: 'bridge1' and 'loopback'.

Name	Type	L2 MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx	FP Rx	FP Tx Packet (p/s)	FP Rx F
R bridge1	Bridge	1598	0 bps	0 bps	0	0	0 bps	0 bps	0	
R loopback	Bridge	65535	0 bps	0 bps	0	0	0 bps	0 bps	0	

Configuración del DHCP

Se crea un DHCP Pool → IP/pool



The IP Pool configuration window shows the following fields and buttons:

- Name: pool 192.168.19.0
- Addresses: 192.168.19.2-192.168.19.5
- Next Pool: none
- Buttons: OK, Cancel, Apply, Comment, Copy, Remove

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Last update: **2023/01/27 14:15**

