

Configurar interfaz LTE

Algunos router mikrotik ya traen un modem de telefonía llamado lte1. Para configurarlo para conectarnos a internet seguimos estos pasos

Paso 1

Vamos a Interfaces/LTE/LTE APNs

Configuramos nuestro proveedor. En mi caso para Vodafone

- name → Vodafone
- APN → ac.vodafone.es
- IP Type → IPv4
- Use Peer DNS → true
- Add default route → true
- Authentication → CHAP
- user → vodafone
- password → vodafone

The screenshot shows the Mikrotik WinBox interface for configuring LTE APNs. A table on the left lists the configured APNs, with 'Vodafone' and 'ac.vodafone.es' selected. A modal window titled 'LTE APN <Vodafone>' is open, showing the configuration details for the selected APN. The configuration includes the name 'Vodafone', APN 'ac.vodafone.es', IP Type 'IPv4', and checked options for 'Use Peer DNS' and 'Add Default Route'. The default route distance is set to 2. The IPv6 interface is set to 'none'. The authentication is set to 'CHAP', with the user 'vodafone' and password '*****'. The passthrough interface is also set to 'none'. Buttons for OK, Cancel, Apply, Comment, Copy, and Remove are visible on the right side of the modal window.

Name	APN
Vodafone	ac.vodafone.es

1 item (1 selected)

LTE APN <Vodafone>

Name: Vodafone

APN: ac.vodafone.es

IP Type: IPv4

☒ Use Peer DNS

☒ Add Default Route

Default Route Distance: 2

IPv6 Interface: none

Authentication: CHAP

User: vodafone

Password: *****

Passthrough Interface: none

OK Cancel Apply Comment Copy Remove

Paso 2

En el menú Bridge pulsamos en el botón + para crear un bridge. En la pestaña Brige/Ports asignamos los puertos que pertenecen a ese bridge.

Ahora vamos a asignarle una ip a ese bridge que hemos creado para que sea la puerta de enlace de los equipos que tenga conectados . Para asignarle la ip vamos al menú IP/Addresses Pulsamos en el botón de añadir y le asignamos la ip al interfaz bridge

Address -> 192.168.19.1/24 (importante indicarle la máscara)

Network -> 192.168.19.0

Interface -> Bridge1

Interfaz LTE

The screenshot shows the Mikrotik WinBox interface for configuring an LTE modem. The 'Interface List' window is open, showing a table with columns: Name, Type, MTU, Actual MTU, L2 MTU, Tx, Rx, Tx Packet (p/s), Rx Packet (p/s), FP Tx, FP Rx, and FP T. The first entry is 'lte1' of type 'LTE' with MTU 1500 and Actual MTU 1500. Below the table, the 'Interface <lte1>' configuration window is open, showing the 'General' tab. The configuration includes: Name: lte1, Type: LTE, MTU: 1500, Actual MTU: 1500, L2 MTU: (empty), MAC Address: AC:50:43:1A:EE:FD, Network Mode: GSM, 3G, and LTE (all checked), Bands: 1, 3, 7, 20, 8, 2, 38, 40, 41, 39, 5, 12, 17, 25, 26 (all checked), PIN: ****, Operator: (empty), Modem Init: (empty), APN Profile: Vodafone, Allow Roaming: (unchecked), Manufacturer: MikroTik, Model: R11e-LTE6, and Revision: R11e-LTE6_V025. The status bar at the bottom shows 'enabled', 'running', and 'slave'.

Name	Type	MTU	Actual MTU	L2 MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx	FP Rx	FP T
lte1	LTE	1500	1500		0 bps	0 bps	0	0	0 bps	0 bps	

Interface <lte1>

General Cellular Status Traffic

Name: lte1

Type: LTE

MTU: 1500

Actual MTU: 1500

L2 MTU:

MAC Address: AC:50:43:1A:EE:FD

Network Mode: ☒ GSM ☒ 3G ☒ LTE

Bands: ☒ 1 ☒ 3 ☒ 7 ☒ 20 ☒ 8 ☒ 2 ☒ 38 ☒ 40 ☒ 41 ☒ 39 ☒ 5 ☒ 12 ☒ 17 ☒ 25 ☒ 26

PIN: ****

Operator:

Modem Init:

APN Profile: Vodafone

☐ Allow Roaming

Manufacturer: MikroTik

Model: R11e-LTE6

Revision: R11e-LTE6_V025

enabled running slave

<https://soporte.syscom.mx/es/articles/2381987-mikrotik-configuracion-modem-lte>

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