

Ubiquiti UF-OLT-4

Configuration manual for Leox LXT-010G-D

1. Change ONT firmware to version V3.3.6LU2rc8, compatible with Ubiquiti. To do that, you need to access webGUI:

192.168.100.1

leox

leolabs_7

Next, click the Admin tab, select Firmware Upgrade, browse for the firmware file, and click Upgrade. After the process is done, check if it's upgraded by logging in again, and the version will be on the upper right part of the site.

2. The next step is changing the Vendor ID from the telnet level:

192.168.100.1

leox

leolabs_7

To change the Vendor ID parameter:

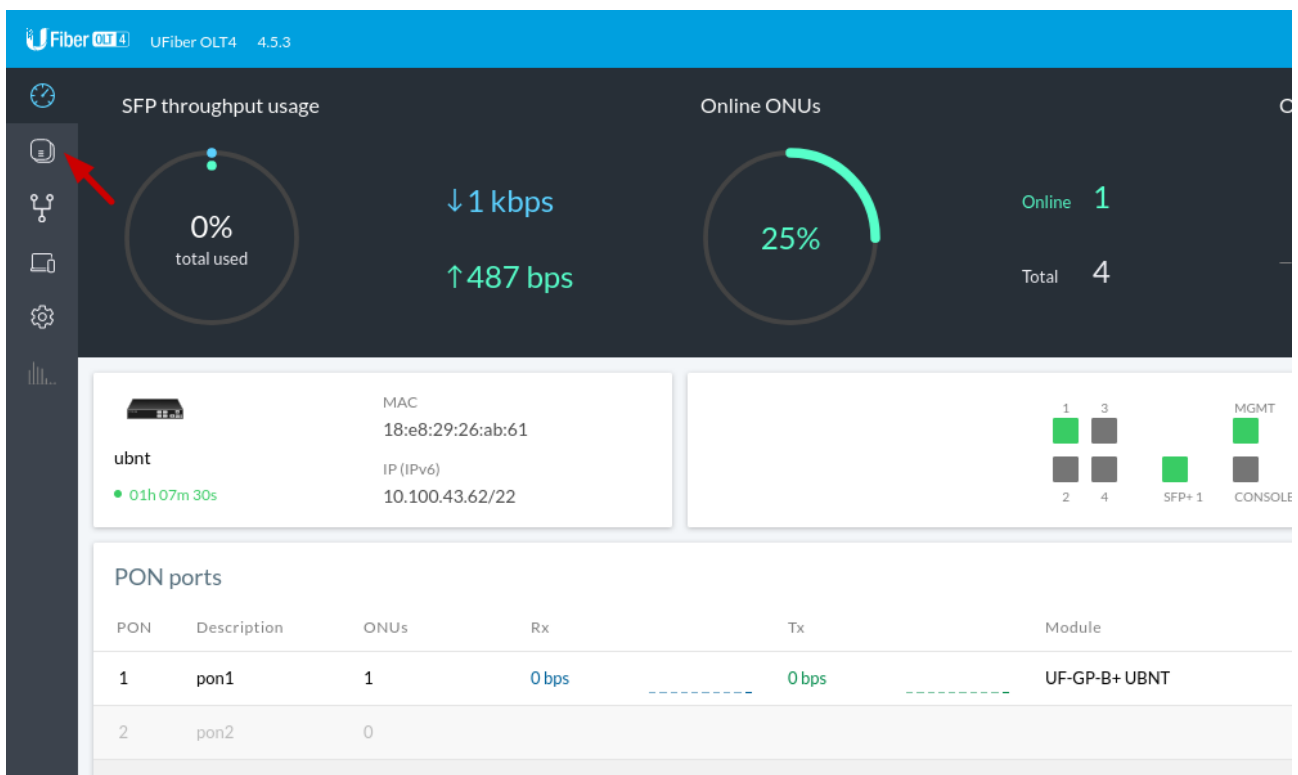
vendor_set UBNT

To confirm if the parameter has been changed, restart ONT with:

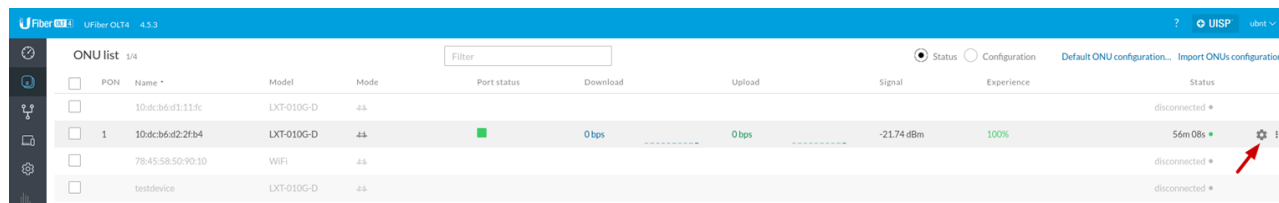
reboot

3. The last step is ONT configuration on the OLT. After logging in, check if ONT is in bridge mode

Click ONU List tab:

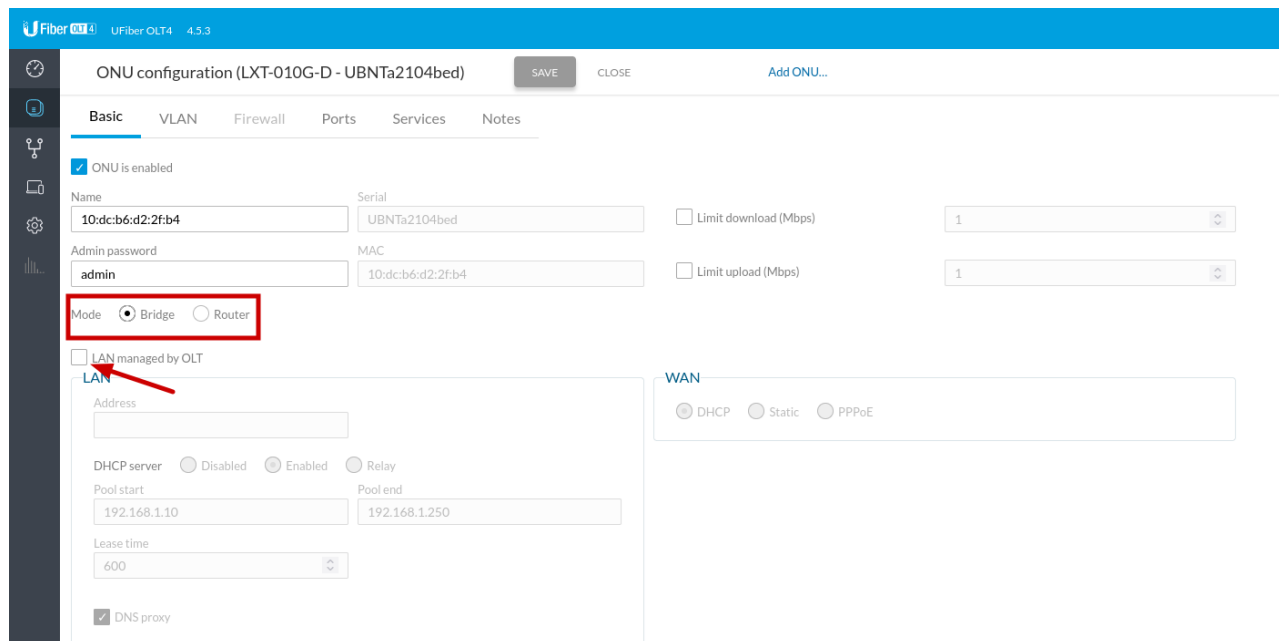


Select ONT and click Configure



PN	Name	Model	Mode	Port status	Download	Upload	Signal	Experience	Status
	10:dc:b6:d1:11:fc	LXT-010G-D	4+						disconnected *
1	10:dc:b6:d2:2f:b4	LXT-010G-D	4+	■	0 bps	0 bps	-21.74 dBm	100%	56m 08s • 
	78:45:58:50:90:10	WiFi	4+						disconnected *
	testdevice	LXT-010G-D	4+						disconnected *

Uncheck LAN managed by OLT and make sure it's in bridge mode, then click SAVE



ONU configuration (LXT-010G-D - UBNTa2104bed) **SAVE** **CLOSE** [Add ONU...](#)

Basic | VLAN | Firewall | Ports | Services | Notes

☒ ONU is enabled

Name: 10:dc:b6:d2:2f:b4 Serial: UBNTa2104bed ☐ Limit download (Mbps): 1

Admin password: admin MAC: 10:dc:b6:d2:2f:b4 ☐ Limit upload (Mbps): 1

Mode: ☒ Bridge ☐ Router

☐ LAN managed by OLT

LAN

Address:

DHCP server: ☐ Disabled ☒ Enabled ☐ Relay

Pool start: 192.168.1.10 Pool end: 192.168.1.250

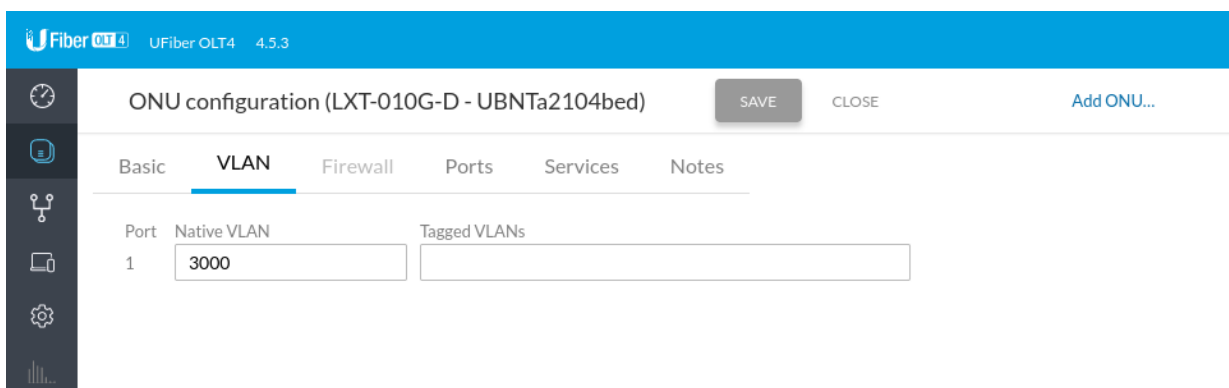
Lease time: 600

☒ DNS proxy

WAN

☒ DHCP ☐ Static ☐ PPPoE

Go to the VLAN tab, add VLANs, in my case, it's 3000. I've put it in Native VLAN (untagged)



ONU configuration (LXT-010G-D - UBNTa2104bed) **SAVE** **CLOSE** [Add ONU...](#)

Basic | **VLAN** | Firewall | Ports | Services | Notes

Port: 1

Native VLAN: 3000

Tagged VLANs:

Confirm if everything works and enjoy using Leox.¹

¹ If you use UISP, you can encounter „This device needs firmware update” – it doesn't affect the way ONT works, but can't be disabled