EXTRALINK OLT RAPTOR, PREDATOR

A short guide showing how to launch the
web interface

To meet the expectations of our customers, we've added the ability of management via www in Extralink OLTS.

The following guide shows in a few steps how update the firmware of EXTRALINK OLTS, RAPTOR and PREDATOR to start management via the web interface.

It's worth mentioning that in a new firmware (V2.3.1) we've two addresses for OLT management unlike in the previous version where there was only one address:

1. **Prior to the update, the default OLT's address is 192.168.1.100 but after updating to V2.3.1:**

   - OLT uplink port manage IP address: 192.168.8.100
   - OLT AUX/MGMT port manage IP address: 192.168.1.100

2. **If the default OLT's address was changed before the update to 192.168.1.X (excluding 192.168.1.100) then after updating to V2.3.1:**

   - OLT uplink port manage IP address: 192.168.1.X
   - OLT UX/MGMT port manage IP address: 192.168.2.100

3. **If the default OLT's address was changed before the update to completely different than 192.168.1.X, then after updating to V2.3.1:**

   - OLT uplink port manage IP address: the same as before update

   - OLT AUX / MGMT port manage IP address: 192.168.1.100

Let's get to the point ... firstly, we must prepare our work station

OLT
Console port

192.168.1.111

OLT
MGMT/AUX port

PC

TFTP server

In this guide the PC is set to Server with the IP address: 192.168.1.111, while access to the OLT is obtained at 192.168.1.100.

    I.   First of all, you must make sure that firewall is disabled on your computer

   II.   Then, make sure that the IP address of your computer is on the same subnet as the IP address of the OLT. The same network segment can ping each other:

III. Launch the TFTP program to download a new firmware. Configure the TFTP Server as follows:
1) Specify a path to the software you want to update
2) Specify the IP address of the server (in this case it's the PC address)
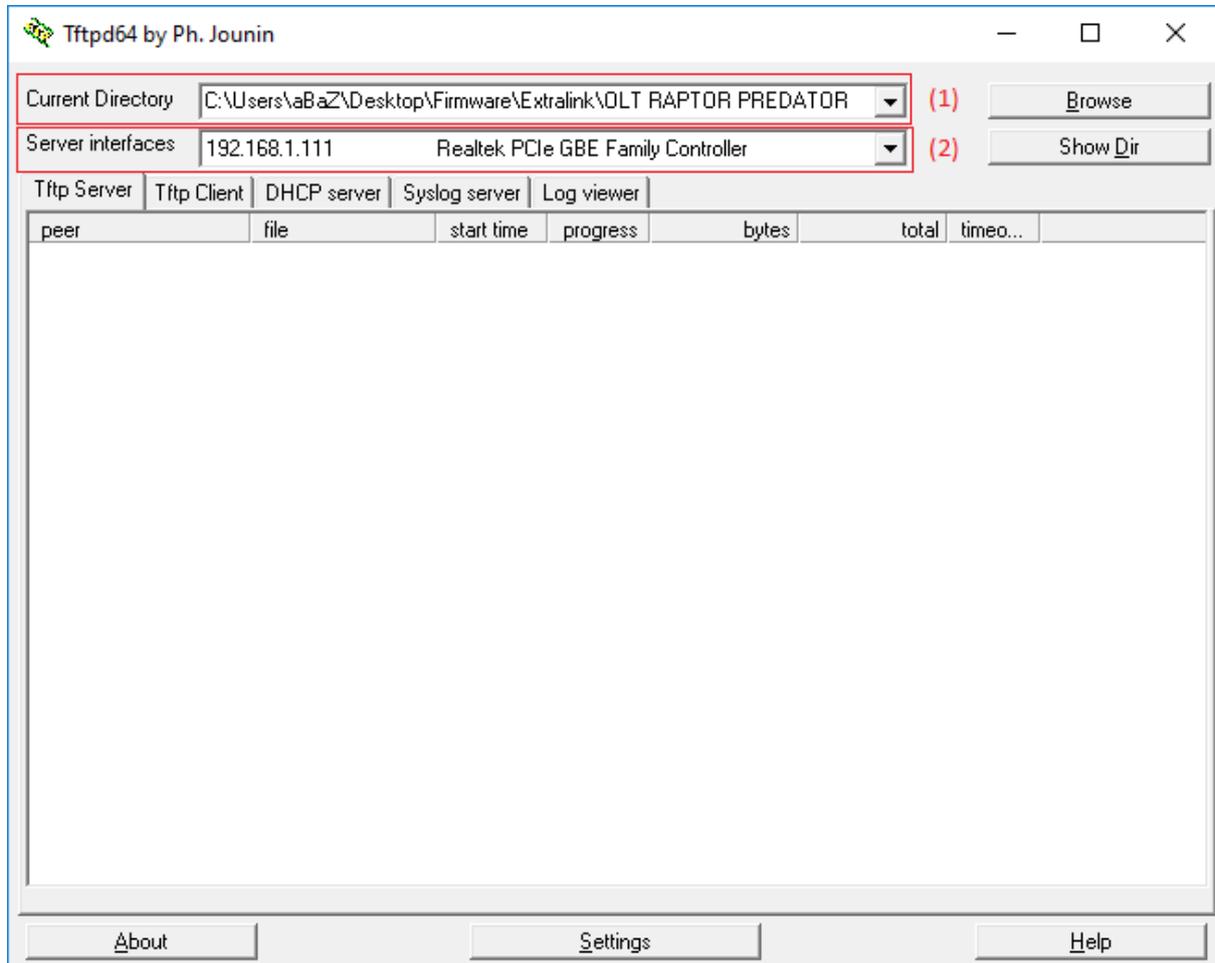
IV. Now you can proceed to OLT update

Epon # system update firmware <firmware name> tftp-server <tftp-ip>
where:

(1) <firmware name>: FD1108S_V2.4.02_170421_X000.img,
     <tftp-ip>: 192.168.1.111

(2) If you have typed the command correctly, you will see that the image of a firmware is being properly imported to OLT

(3) After the correct update, type "y" to restart the OLT.
OLT needs to be restarted to load a new version of the software.

V. Next step is to install an image of the software analogously. It'll launch the web access.

epon# **system update web-server <firmware name> tftp-server <tftp-ip>**

where:

(1) <firmware name>: FD1108S_WEB_V1.0.0_170421_1831.img,
<tftp-ip>: 192.168.1.111

(2) In order to check whether everything has been successfully installed, type in the
command: epon# **show system infor**
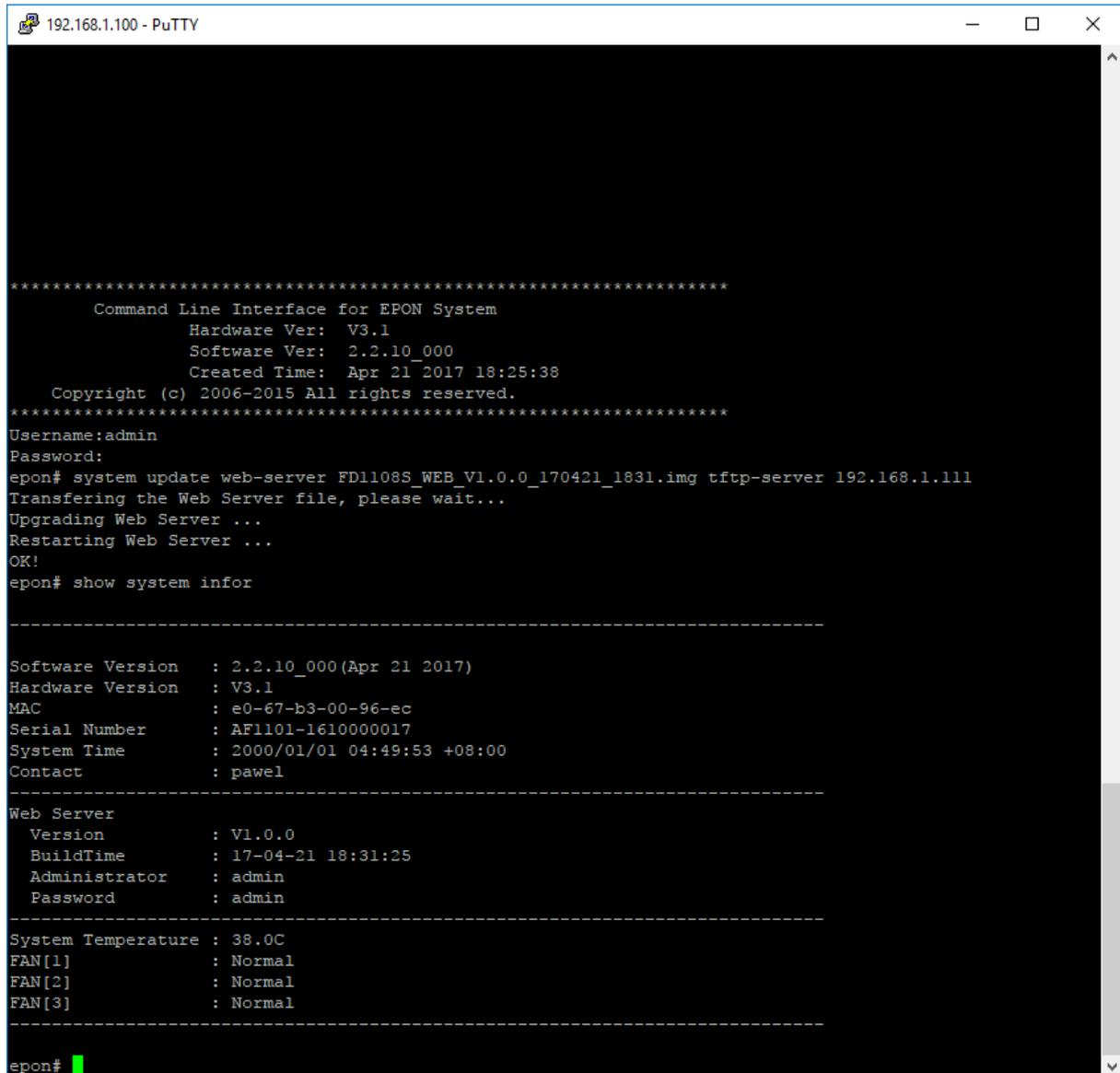
```
                      192.168.1.100 - PuTTY                          —    □    ×




        **********************************************************
                Command Line Interface for EPON System
                        Hardware Ver:  V3.1
                        Software Ver:  2.2.10_000
                        Created Time:  Apr 21 2017 18:25:38
            Copyright (c) 2006-2015 All rights reserved.
        **********************************************************
        Username:admin
        Password:
        epon# system update web-server FD1108S_WEB_V1.0.0_170421_1831.img tftp-server 192.168.1.111
        Transfering the Web Server file, please wait...
        Upgrading Web Server ...
        Restarting Web Server ...
        OK!
        epon# show system infor


        ------------------------------------------------------------------------

        Software Version   : 2.2.10_000(Apr 21 2017)
        Hardware Version   : V3.1
        MAC                : e0-67-b3-00-96-ec
        Serial Number      : AF1101-1610000017
        System Time        : 2000/01/01 04:49:53 +08:00
        Contact            : pawel
        ------------------------------------------------------------------------
        Web Server
          Version          : V1.0.0
          BuildTime        : 17-04-21 18:31:25
          Administrator    : admin
          Password         : admin
        ------------------------------------------------------------------------
        System Temperature : 38.0C
        FAN[1]             : Normal
        FAN[2]             : Normal
        FAN[3]             : Normal
        ------------------------------------------------------------------------

        epon#
```

If everything is ok you can finally login to your OLT via the web interface without rebooting the
device. Simply type in http://192.168.1.100 (by default) and log in using the password: **admin**
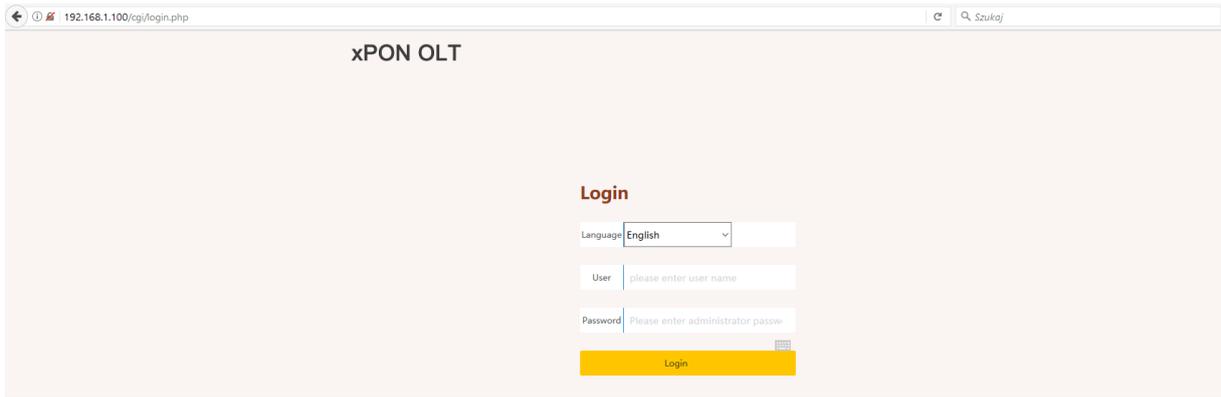
It's worth mentioning that the OLT web interface is very clear which is best illustrated by the following screenshots of some of the settings:
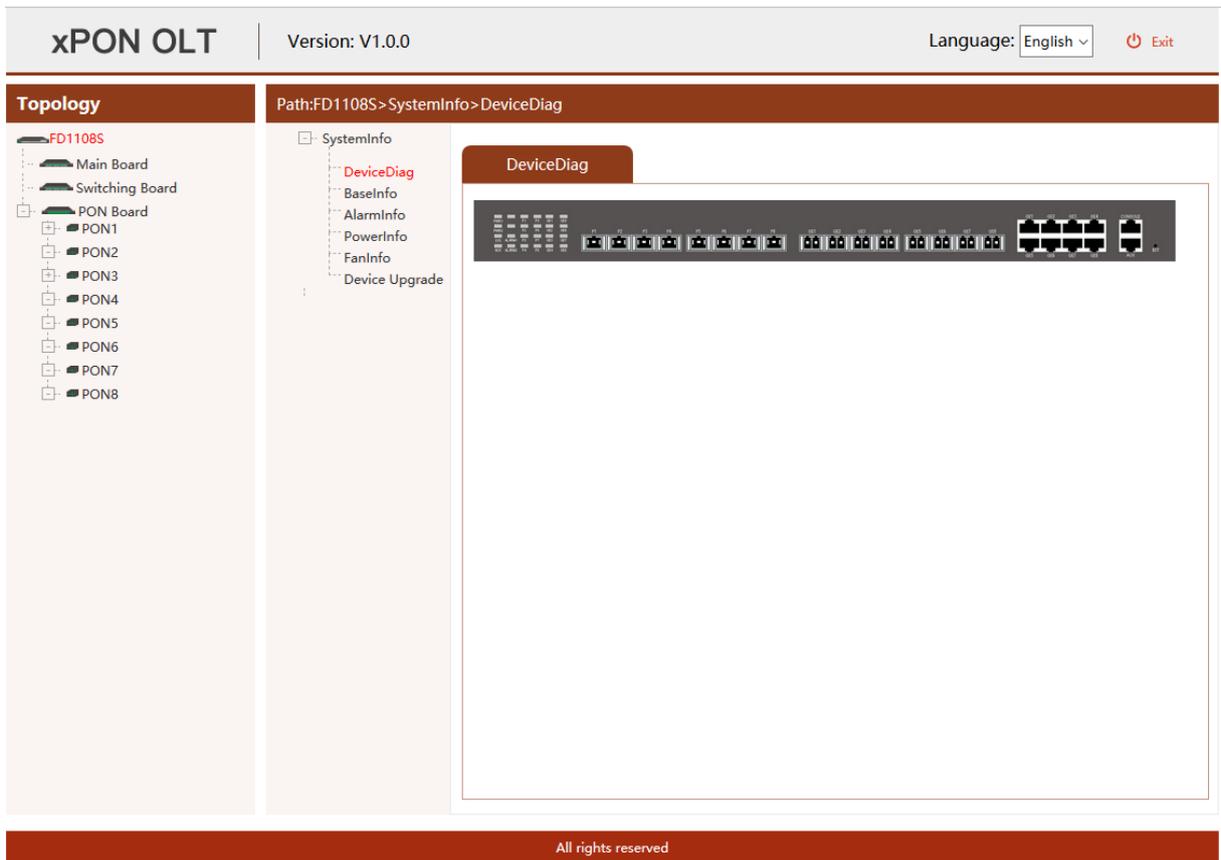
xPON OLT

Version: V1.0.0

Language: English ⏻ Exit

Topology

- FD1108S
  - Main Board
  - Switching Board
  - PON Board
    - PON1
    - PON2
    - PON3
    - PON4
    - PON5
    - PON6
    - PON7
    - PON8

PATH:FD1108S>Switching Board>VLAN Manage

- Switching Board
  - Switch-Config
  - Net Interface
  - Port Status
  - Port Property
  - Packet Suppress
  - VLAN Manage
  - TRUNK
  - RSTP
  - Port Mirror
  - IGMP Snooping

VLAN Manage

VLANEnable : disable ▾

VALNID	Tagged Port	Untagged Port	vlan-edit	vlan-clear
1		ge1;ge2;ge3;ge4;ge5;ge6;ge7;ge8;pon1;pon2;pon3;pon4;pon5;pon6;pon7;pon8;	edit	delete

refresh   add   set   First   Next

	Firmware version：		
	operation Times：0 days 1 hours 31 minutes 15 seconds		
	Operating status：normal		
refresh	Reboot	Save Config	Default

xPON OLT Version: V1.0.0 Language: English Exit

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    - PON5
    - PON6
    - PON7
    - PON8

PATH:FD1108S>PON Board>BaseInfo

- PON Board
  - BaseInfo
  - Port Properity
  - ONU Authority

BaseInfo

We highly recommend firmware update.

All the necessary files at:

www.anteny24.com

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