

8311 Configuration

- PON
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PON Serial Number (ONT ID)

ZYWNC0E74C0A

GPON Serial Number sent to the OLT in various MEs (4 alphanumeric characters, followed by 8 hex digits).

Vendor ID

ZTEG

PON Vendor ID sent in various MEs, automatically derived from the PON Serial Number if not set (4 alphanumeric characters).

Equipment ID

ZXHN F8748Q

PON Equipment ID field in the ONU2-G ME [257] (up to 20 characters).

Hardware Version

V2.0

Hardware version string sent in various MEs (up to 14 characters).

Sync Circuit Pack Version

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Modify the configured MIB file to set the Version field of any Circuit Pack MEs [6] to match the Hardware Version (if set).

Software Version A

V2.0.10P10N6

Image specific software version sent in the Software image MEs [7] (up to 14 characters).

Software Version B

V2.0.10P10N6

Image specific software version sent in the Software image MEs [7] (up to 14 characters).

Firmware Version Match

PCRE pattern match for automatic updating of Software Versions when OLT uploads a firmware upgrade. Must contain a single sub-pattern match.

Firmware Match Number

1

If there are multiple matches for the Firmware Version Match pattern, use this specific match number.

Override active firmware bank

A

Override which software bank is marked as active in the Software image MEs [7].

Override committed firmware bank

Override which software bank is marked as committed in the Software image MEs [7].

PON Mode

XGS-PON

PON mode of operation. This is where you can choose between XGS-PON (the default) or XG-PON.

OMCC Version

0xB0

The OMCC version to use in hexadecimal format between 0x80 and 0xBF. Default is 0xA3

OMCI Interoperability Mask

18

The OMCI Interoperability Mask is a bitmask of compatibility options for working with various OLTs. The options are:
1 - Force Unauthorized IGMP/MLD behavior
2 - Skip Alloc-IDs termination upon T-CONT deactivation
4 - Drop all packets on default Downstream Extended VLAN rules
8 - Ignore Downstream Extended VLAN rules priority matching
16 - Convert Traffic Descriptor PIR/CIR values from kbyte/s to kbit/s
32 - Force common IP handling - apply the IPv4 Ethertype 0x0800 to the Extended VLAN rule matching for IPv6 packets
64 - It is unknown what this option does but it appears to affect the message length in omci_msg_send.

Registration ID (HEX)

Registration ID (up to 36 bytes) sent to the OLT, in hex format. This is where you would set a ploam password (which is contained in the last 12 bytes).

Logical ONU ID

Logical ONU ID presented in the ONU-G ME [256] (up to 24 characters).

Logical Password presented in the ONU-G ME [256] (up to 12 characters).

MIB File

/etc/mibs/prx300_1U.ini

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MIB file used by omcid. Defaults to /etc/mibs/prx300_1U.ini (U:SFU, V:HGU)

PON Slot

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Change the slot number that the UNI port is presented on, needed on some ISPs.

IP Host MAC Address

F8:66:91:F5:7F:54

MAC address sent in the IP host config data ME [134] (XX:XX:XX:XX:XX:XX format).

IP Host Hostname

Hostname sent in the IP host config data ME [134] (up to 25 characters).

IP Host Domain Name

Domain name sent in the IP host config data ME [134] (up to 25 characters).

Save

