

modified item	SSH commands	Maximum string length	Examples	Readback command	Effective method
Vendor Name In EEPROM A0.14-23	sfp_i2c -i0 -s "string"	16	sfp_i2c -i0 -s "SOURCEPHOTONICS"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Vendor Part Number In EEPROM A0.28-37	sfp_i2c -i1 -s "string"	16	sfp_i2c -i1 -s "SPS3424THPTDFP"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Vendor Revision In EEPROM A0.38-3B	sfp_i2c -i2 -s "string"	4	sfp_i2c -i2 -s "1.01"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Vendor SN In EEPROM A0.44-53	sfp_i2c -i3 -s "string"	16	sfp_i2c -i3 -s "220627"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Date Code In EEPROM A0.54-5B	sfp_i2c -i4 -s "string"	8	sfp_i2c -i4 -s "220627"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Vendor Data In EEPROM A0.60-7F	sfp_i2c -i5 -s "string"	32	sfp_i2c -i5 -s "ABCDEFGF"	It is the EEPROM of gpon mac sfp onu that is being modified. After restarting gpon mac sfp onu, check directly on the Host device	It will take effect only after the settings are completed and the module is restarted.
Equipment Id of OMCI ONU-GME	sfp_i2c -i6 -s "string"	20	sfp_i2c -i6 -s "221339120"	After restarting gpon mac sfp onu, execute the command <code>omci me 257 0</code> via SSH to gpon mac sfp onu to check the Equipment id	6BA1896SPLQA40 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted.
Vendor Id of OMCI ONU-GME	sfp_i2c -i7 -s "string"	4	sfp_i2c -i7 -s "ADVA"	After restarting gpon mac sfp onu, execute the command <code>omci me 256 0</code> via SSH to gpon mac sfp onu to check the Vendor Id	6BA1896SPLQA41 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted.
GPON SN	sfp_i2c -i8 -s "string"	12	sfp_i2c -i8 -s "SPTC12345678"	After restarting gpon mac sfp onu, execute the command <code>onu gtcsm</code> via SSH to gpon mac sfp onu to check.	6BA1896SPLQA42 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted.
PLOAM password	sfp_i2c -i11 -s "string"	10	sfp_i2c -i11 -s "0123456789"	After restarting gpon mac sfp onu, execute the command <code>onu gtcsm</code> via SSH to gpon mac sfp onu to check.	6BA1896SPLQA42 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted. LOID/LOID password and PLOAM password are mutually exclusive and cannot be set at the same time.
LOID	sfp_i2c -i9 -s "string"	24	sfp_i2c -i9 -s "omciloid"	After restarting gpon mac sfp onu, execute the command <code>fw_printenv omci_loid</code> via SSH to gpon mac sfp onu to check.	6BA1896SPLQA42 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted. LOID/LOID password and PLOAM password are mutually exclusive and cannot be set at the same time.
LOID password	sfp_i2c -i10 -s "string"	12	sfp_i2c -i9 -s "omciloidpswd"	After restarting gpon mac sfp onu, execute the command <code>fw_printenv omci_lpwd</code> via SSH to gpon mac sfp onu to check.	6BA1896SPLQA42 and subsequent software versions are only supported It will take effect only after the settings are completed and the module is restarted. LOID/LOID password and PLOAM password are mutually exclusive and cannot be set at the same time.
					It will take effect only after the settings are completed and the module is restarted.

MAC address

```
uci set network.lct.macaddr=***  
uci set network.host.macaddr=***  
uci commit network
```

Note: [network.lct.macaddr](#) for establishing a local SSH connection
[network.host.macaddr](#) for remote SSH connections, based on the OMCI management entity of the IP host in G988/G984.4

Check the results: [uci show network](#)

```
uci set network.lct.macaddr=28:FF:3E:CB:86:EA  
uci set network.host.macaddr=28:FF:3E:CB:88:EA  
uci commit network
```

[uci show network](#)

lct MAC is used to SSH near ETH side to the GPON MAC SFP ONU; The host MAC is used for remote SSH on the PON side to the GPON MAC SFP ONU. both MACs are used for debugging only and are completely different from the WAN port MAC function of the box optical cat.

Normally, the network element devices on the PON side (OLTs and broadband authentication servers, etc.) are not able to sense the lct and host MAC of the GPON MAC SFP ONU.

The GPON MAC SFP ONU module is equivalent to a single eth port bridged optical cat without a WAN port. If the GPON MAC SFP ONU is used to replace the original box optical cat, the MAC address of the original box optical cat should be applied to the WAN port of the HOST device docked to the SFP port of the GPON MAC SFP ONU, where the MAC address should be applied to the dial-up number.

Change the lct to the requested MAC address, add 2 to the penultimate byte of host's address.