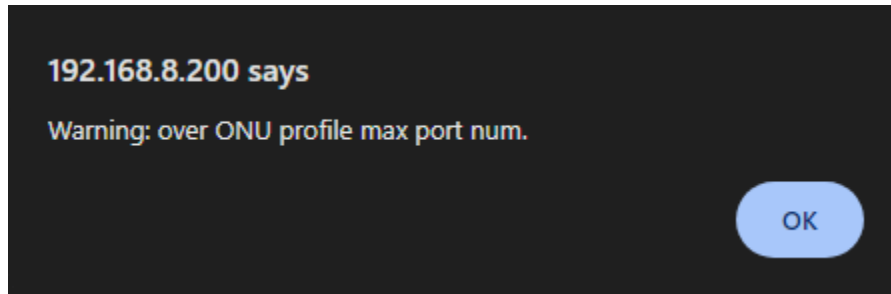


Setting up the XGSPON OLT-2XGS ONU-10XG(S)-1004-10G using Bridge mode and PortVLAN gives an error, showing Max port number reached with Default ONU profile in the OLT is used.



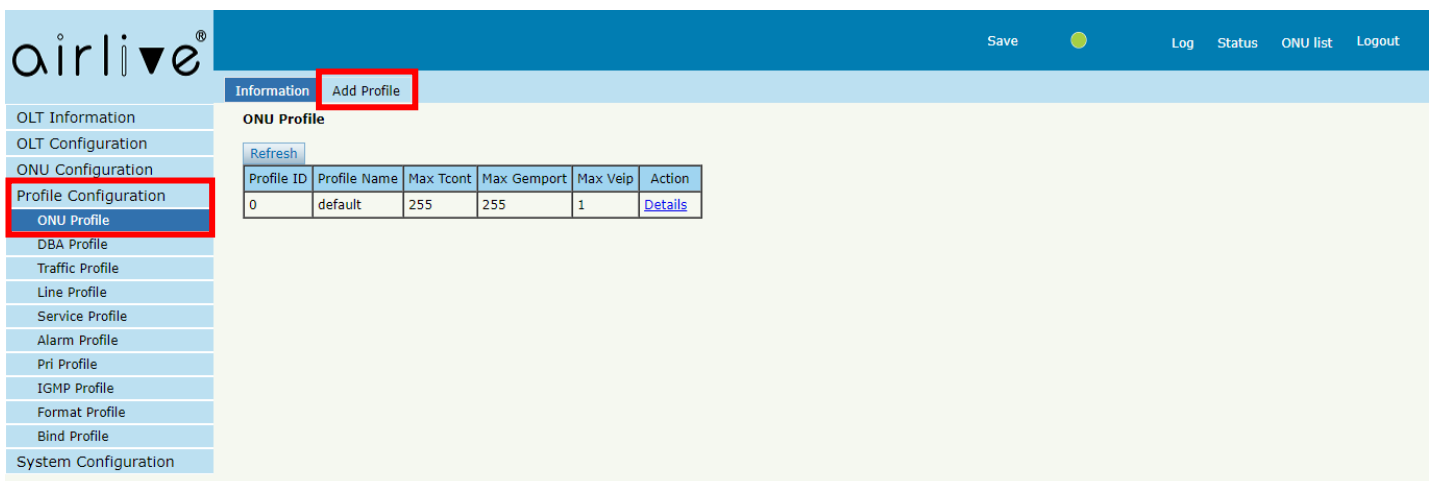
Answer

When you get this error message it means that the number of LAN ports on your ONU is higher than the number of LAN Ethernet ports specified in the ONU Profile used in the OLT.

To change this, you would need to make an ONU profile with the correct number of Ethernet Port for your ONU. When this new profile is used you will be able to add all the ONU LAN ports to the PortVLAN setup.

1: In the OLT Webui go to Profile Configuration >>> ONU Profile. If you would like to see the number of Ethernet ports used on the Default or any other profile, click on "Detail" behind the Profile name.

To add a new Profile, click on "Add Profile" a new page will open.



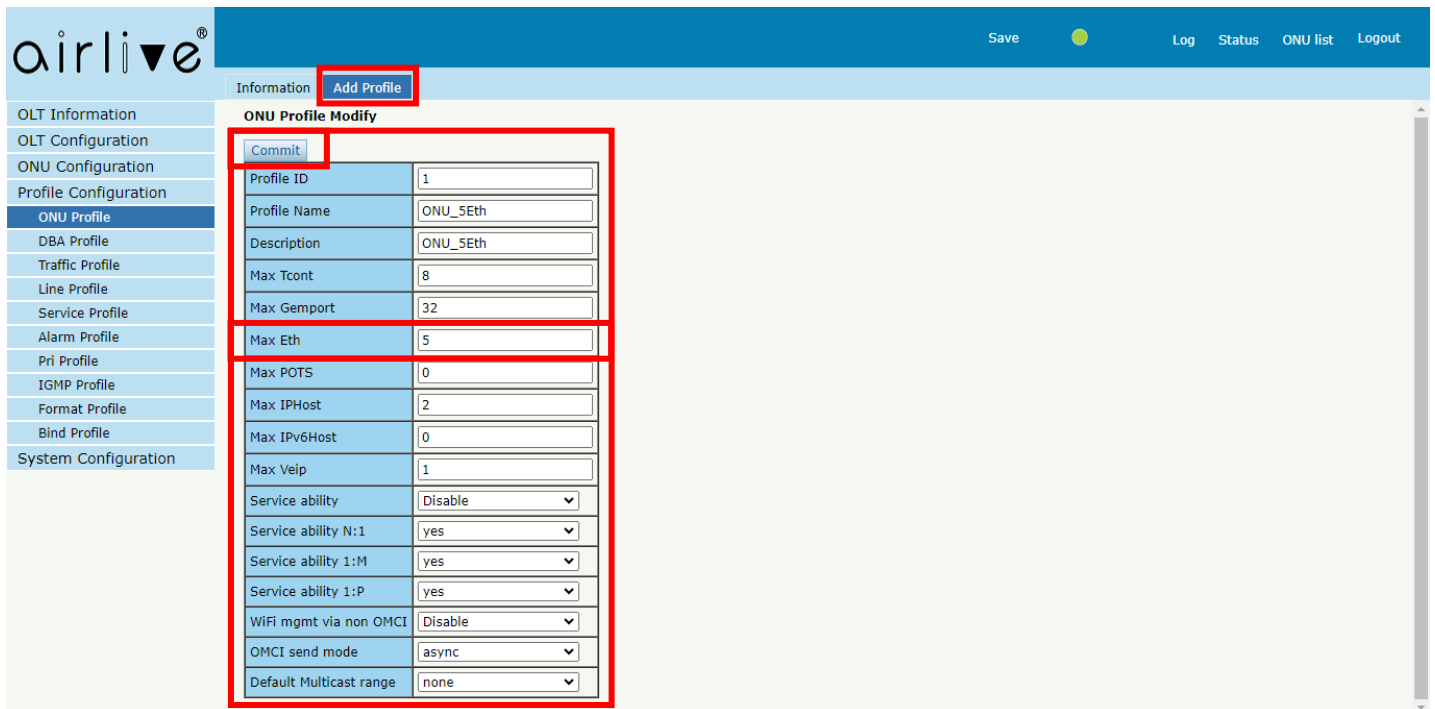
The screenshot shows the airtlive web interface. The top navigation bar includes "Save", "Log", "Status", "ONU list", and "Logout". The left sidebar lists various configuration options, with "Profile Configuration" and "ONU Profile" highlighted in red. The main content area shows the "ONU Profile" configuration page. It has tabs for "Information" and "Add Profile". Below the tabs is a "Refresh" button and a table with the following data:

Profile ID	Profile Name	Max Tcont	Max Gemport	Max Veip	Action
0	default	255	255	1	Details

2: Add Profile

Enter your Profile ID number as will Profile Name and Description. Enter all the necessary information for your ONU. In this example Max Eth was setup to 5 as the ONU-10XG(S)-1004-10G used has 5 LAN Ethernet ports.

After entering all the information press “Commit” to save your profile.



Information **Add Profile** Save Log Status ONU list Logout

OLT Information
OLT Configuration
ONU Configuration
Profile Configuration
ONU Profile
DBA Profile
Traffic Profile
Line Profile
Service Profile
Alarm Profile
Pri Profile
IGMP Profile
Format Profile
Bind Profile
System Configuration

ONU Profile Modify

Commit

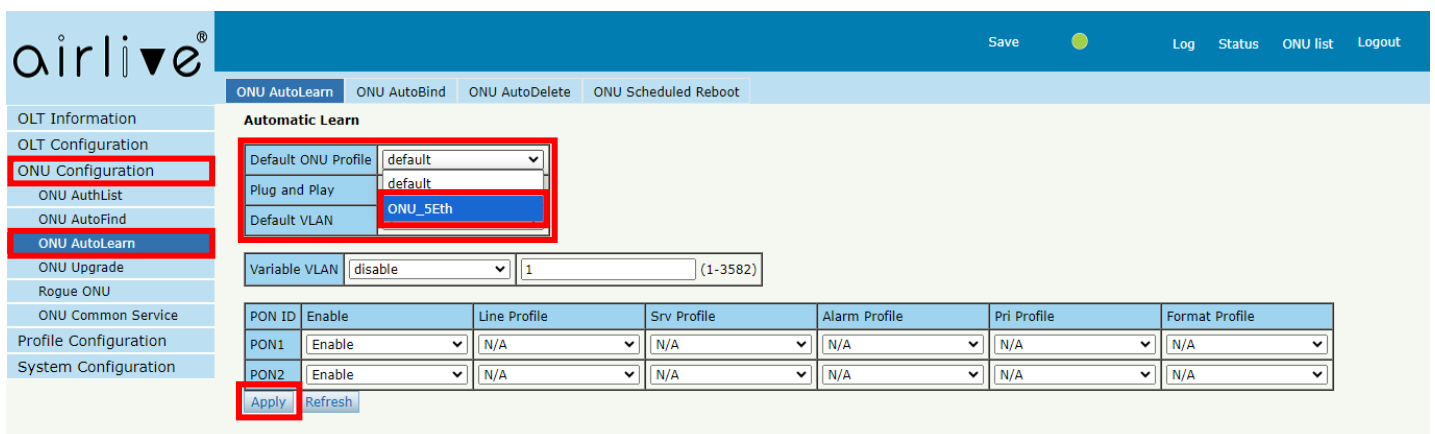
Profile ID	1
Profile Name	ONU_5Eth
Description	ONU_5Eth
Max Tcont	8
Max Gempport	32
Max Eth	5
Max POTS	0
Max IPHost	2
Max IPv6Host	0
Max Veip	1
Service ability	Disable
Service ability N:1	yes
Service ability 1:M	yes
Service ability 1:P	yes
WiFi mgmt via non OMCI	Disable
OMCI send mode	async
Default Multicast range	none

3: Add new Profile to ONU AutoLearn.

Note if you have already added your ONU to the OLT with the default profile, you would need to delete the ONU and re-add it again after you have added the new Profile to ONU AutoLearn.

Go to ONU Configuration >>> ONU AutoLearn >>> Default ONU Profile.

From the Pull-down menu at Default ONU Profile select your correct Profile. After it has been selecting press “Add” to save the settings.



airlive® Save Log Status ONU list Logout

ONU AutoLearn ONU AutoBind ONU AutoDelete ONU Scheduled Reboot

OLT Information
OLT Configuration
ONU Configuration
ONU AuthList
ONU AutoFind
ONU AutoLearn
ONU Upgrade
Rogue ONU
ONU Common Service
Profile Configuration
System Configuration

Automatic Learn

Default ONU Profile default
Plug and Play default
Default VLAN **ONU_5Eth**

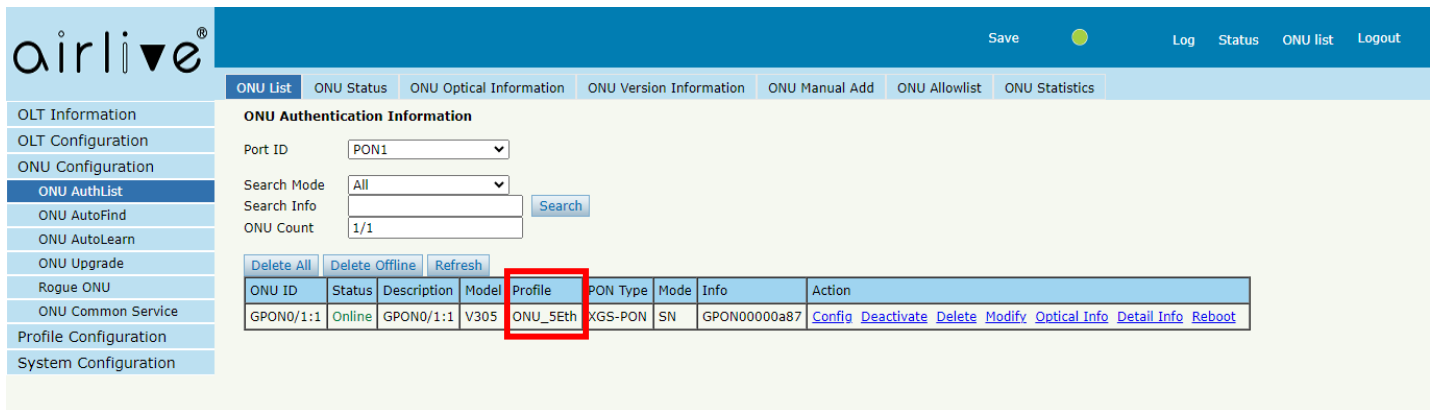
Variable VLAN disable 1 (1-3582)

PON ID	Enable	Line Profile	Srv Profile	Alarm Profile	Pri Profile	Format Profile
PON1	Enable	N/A	N/A	N/A	N/A	N/A
PON2	Enable	N/A	N/A	N/A	N/A	N/A

Apply Refresh

4: After adding the ONU to the OLT, the Profile shown should be your new select profile.

You can now setup the ONU-10XG(S)-1004-10G without the PortVLAN error message coming back.



airlive® Save ● Log Status ONU list Logout

ONU List ONU Status ONU Optical Information ONU Version Information ONU Manual Add ONU Allowlist ONU Statistics

OLT Information
OLT Configuration
ONU Configuration
ONU AuthList
ONU AutoFind
ONU AutoLearn
ONU Upgrade
Rogue ONU
ONU Common Service
Profile Configuration
System Configuration

ONU Authentication Information

Port ID: PON1

Search Mode: All

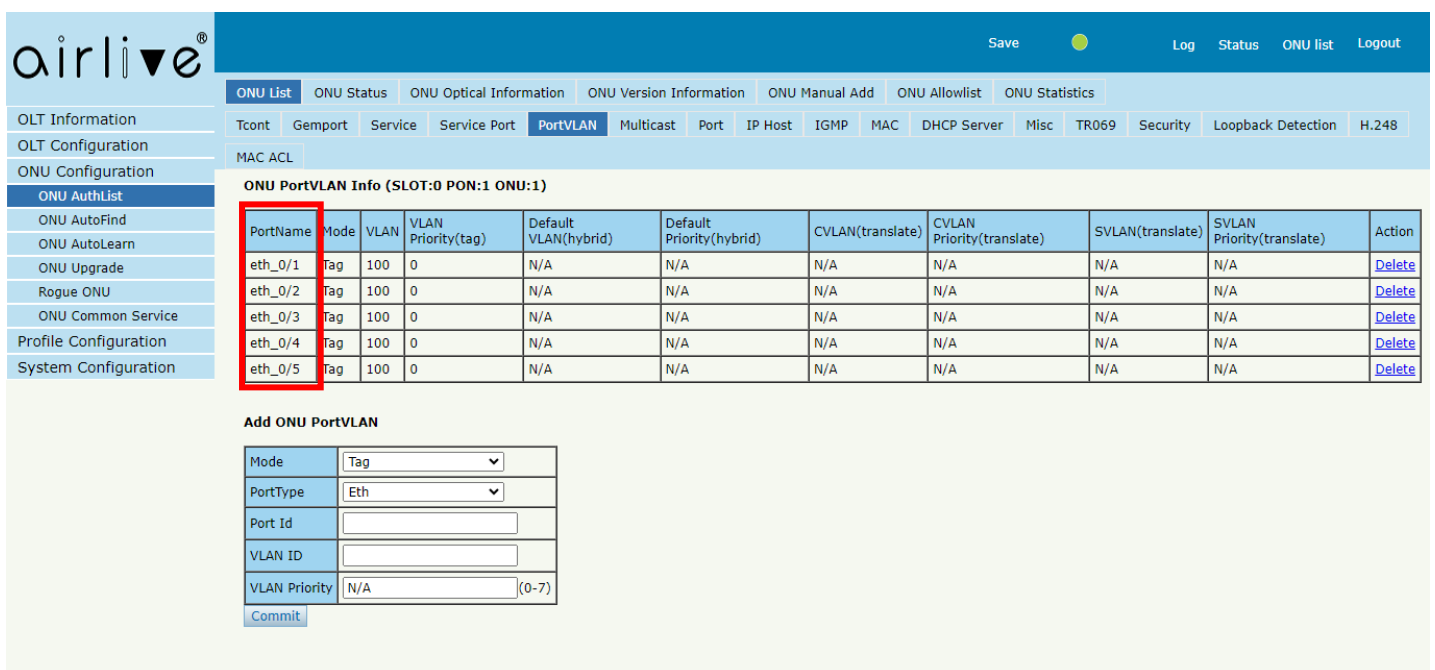
Search Info: Search

ONU Count: 1/1

[Delete All](#) [Delete Offline](#) [Refresh](#)

ONU ID	Status	Description	Model	Profile	PON Type	Mode	Info	Action
GPON0/1:1	Online	GPON0/1:1	V305	ONU_5Eth	XGS-PON	SN	GPON0000087	Config Deactivate Delete Modify Optical Info Detail Info Reboot

PortVLAN is now able to add all 5 LAN ports of the ONU-10XG(S)-1004-10G.



airlive® Save ● Log Status ONU list Logout

ONU List ONU Status ONU Optical Information ONU Version Information ONU Manual Add ONU Allowlist ONU Statistics

OLT Information
OLT Configuration
ONU Configuration
ONU AuthList
ONU AutoFind
ONU AutoLearn
ONU Upgrade
Rogue ONU
ONU Common Service
Profile Configuration
System Configuration

Tcont Gemport Service Service Port **PortVLAN** Multicast Port IP Host IGMP MAC DHCP Server Misc TR069 Security Loopback Detection H.248

MAC ACL

ONU PortVLAN Info (SLOT:0 PON:1 ONU:1)

PortName	Mode	VLAN	VLAN Priority(tag)	Default VLAN(hybrid)	Default Priority(hybrid)	CVLAN(translate)	CVLAN Priority(translate)	SVLAN(translate)	SVLAN Priority(translate)	Action
eth_0/1	Tag	100	0	N/A	N/A	N/A	N/A	N/A	N/A	Delete
eth_0/2	Tag	100	0	N/A	N/A	N/A	N/A	N/A	N/A	Delete
eth_0/3	Tag	100	0	N/A	N/A	N/A	N/A	N/A	N/A	Delete
eth_0/4	Tag	100	0	N/A	N/A	N/A	N/A	N/A	N/A	Delete
eth_0/5	Tag	100	0	N/A	N/A	N/A	N/A	N/A	N/A	Delete

Add ONU PortVLAN

Mode: Tag

PortType: Eth

Port Id:

VLAN ID:

VLAN Priority: N/A (0-7)

[Commit](#)