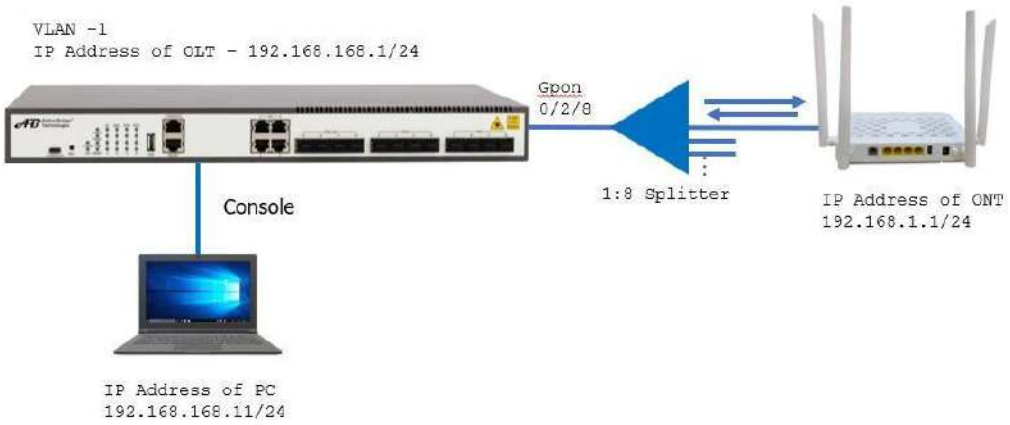
Alpha Bridge ONU Registration Test Case

1. ONT Registration

Test Case	ONT Registration
Test Procedure	• Make the setup as shown in the figure 

Configuration	**Configuration:**
	login:admin
	password:*****
	GPON>
	GPON>enable
	<GPON>system-view
	//to configure
	[GPON]
	• A Automatic rule profile will be generated when the ONU is connected at PON port, we can also modify and assign that rule profile to required line profile.
	• By below commands, all hgu models will be assigned to line profile 9 and all sfu models will be assigned to line profile 12
	[GPON] ont auto-config 0 name 13 all-sfu line-profile 12
	[GPON] ont auto-config 10 all-hgu line-profile 9
	[GPON] ont auto-config
	• If we place ONT on interface 2/1-2/8, It will be auto found and registered.
	
	Rule Profile-1:
	[GPON]rule-profile 2/8/6
	//Creating rule profile
	[GPON-rule-profile-2/8/6] sn-auth string-hex GPON-bca01307 line-profile 9
	[GPON-rule-profile-2/8/6] commit
	[GPON-rule-profile-2/8/6] quit
	[GPON]
	
	Rule Profile-2:
	[GPON]rule-profile 2/8/5
	//Creating rule profile

	[GPON-rule-profile-2/8/5] sn-auth string-hex XPON-0c816973 line-profile 12 [GPON-rule-profile-2/8/5] commit [GPON-rule-profile-2/8/5] quit [GPON]
Test Result	• Command to verify running configuration is "display current-config" • Command to verify ONT information is "display ont info interface gpon all" **ONT info:** [GPON]display ont info interface gpon all ONT-ID SN Up-duration Run-state Member-state 2/8/4 CDOT-88a02c1b 0d0h3m online active 2/8/6 GPON-bca01307 0d0h0m online active Total entries: 2.
Remarks	Working

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