TEST REPORT

Alpha Bridge® Technologies

1. Static & Dynamic MAC Address test:

Testcase	To check the Static & dynamic MAC address test
Procedure	1. Login to switch using console 2. Connect the setup as shown in figure below. 3. Configure the switch using below commands. VLAN -1 IP Address of Switch - 192.168.0.1/24 G 0/1 IP Address of PC 192.168.0.11/24

Configuration	**Switch configuration:**
	
	Switch_config#mac address-table static 4a46.6587.34f7 vlan 1 interface g0/1
	//to assign static mac address to a port manually
	
	Switch_config#show mac address-table static
	//to check static addresses
	
	Switch_config# show mac address-table
	//to check all mac addresses
	
	Switch_config# show mac address-table dynamic
	//to check dynamic addresses
	
	Switch_config#show mac address-table dynamic interface g0/1
	//to check dynamic addresses on port interface
	
	Switch_config#show mac address-table dynamic vlan 1
	//to check dynamic addresses on vlan interface

Test result	• **Static MAC Address** ``` Switch_config#show mac address-table static Mac Address Table (Total 3) --------------------------------------- Vlan Mac Address Type Ports ---- ----------- ---- ----- 1 4a46.6587.3456 STATIC g0/1 1 4a46.6587.34f7 STATIC g0/1 1 6846.6587.3456 STATIC g0/1 Switch_config# Switch_config# Switch_config# ``` MAC Address should not be multicast address for assigning as static. • **Dynamic MAC Address**

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Remarks	Working