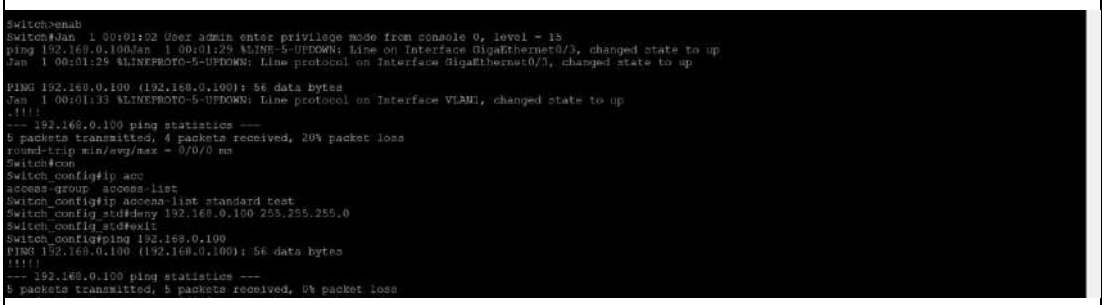
Alpha Bridge
Mac ACL and IP
ACL Test Case

1. MAC STANDARD ACL &IP STANDARD ACL

Testcase	MAC STANDARD ACL AND IP STANDARD ACL
Procedure	1. Connect PC to switch 2. Create standard IP ACL and Apply ACL on Interface, access the PC from switch 3. Create MAC standard ACL and Apply ACL on Interface, access the PC from switch.  Switch: ip Address 192.168.0.1/24 G0/3 PC: ip Address 192.168.0.100/24

Configuration	**Switch Configuration:**
	`ip access-list standard test // create IP ACL named test`
	`deny 192.168.0.100 255.255.255.0 //Denies traffic from a specific source IP`
	`exit`
	
	`interface gigaEthernet 0/3`
	`ip access-group test //applies ACL on interface 0/3`
	`exit`
	`write`
	
	`mac access-list test2 // create MAC standard ACL named test`
	`deny 000E.0988.0F79 FFFF.FFFF. FFFF //Denies traffic from a specific MAC address`
	`exit`
	
	`interface gigaEthernet 0/3`
	`mac access-group test2 //applies ACL on interface 0/3`
	`exit`
	`write //to save configuration`

Test result	**Before apply IP ACL,ping 192.168.0.100 is successful**  **After applying IP ACL,ping 192.168.0.100 shows 100% packet loss**  **Before apply MAC ACL,ping 192.168.0.100 is successful**  **After applying MAC ACL,ping 192.168.0.100 shows 100% packet loss** 
Remarks	Working