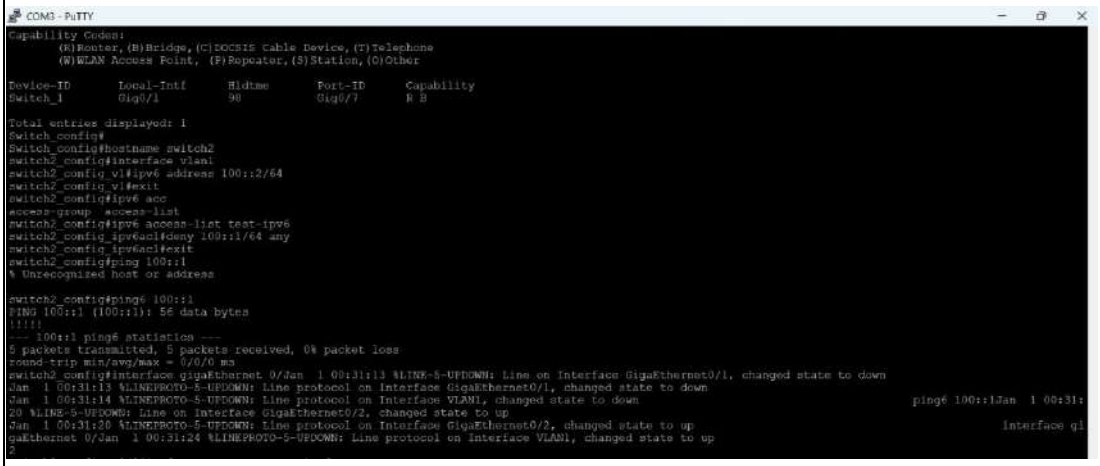
Alpha Bridge
Ipv6 access control list
Test Case

1. IPV6 Access Control List

Testcase	IPV6 Access Control List
Procedure	**Switch 1:** 1. Configure an IPv6 address on VLAN 1. **Switch 2:** 1. Configure IPv6 address on VLAN 1 interface. 2. Create an IPv6 access control list and deny rule. 3. Apply the IPv6 ACL to the required interface.  Vlan: 1 Vlan: 1 IPV6 address: 100::1/64 IPV6 address: 100::2/64

Configuration	**Switch Configuration:**
	Switch 1:
	`interface vlan1`
	`ipv6 address 100::1/64`
	`//Assigns IPv6 address 100::1 with /64 subnet to VLAN 1 interface.`
	`exit`
	Switch 2:
	`interface vlan1`
	`ipv6 address 100::2/64`
	`//Assign an IPv6 address to VLAN 1.`
	`exit`
	`ipv6 access-list test-ipv6`
	`//Creates an IPv6 access control list named test-ipv6.`
	`deny 100::1/64 any`
	`//Denies IPv6 traffic from network 100::1/64.`
	`exit`
	`interface gigaEthernet 0/2`

	ipv6 access-group test-ipv6 //Applies the IPv6 ACL. So, that it doesn't allow to ping. exit Write all
Test result	**Before applying the IPv6 ACL, the ping6 100::1 is successful:**  **After applying the ACL, ping6 100::1 shows 100% packet loss:** 
Remarks	Working