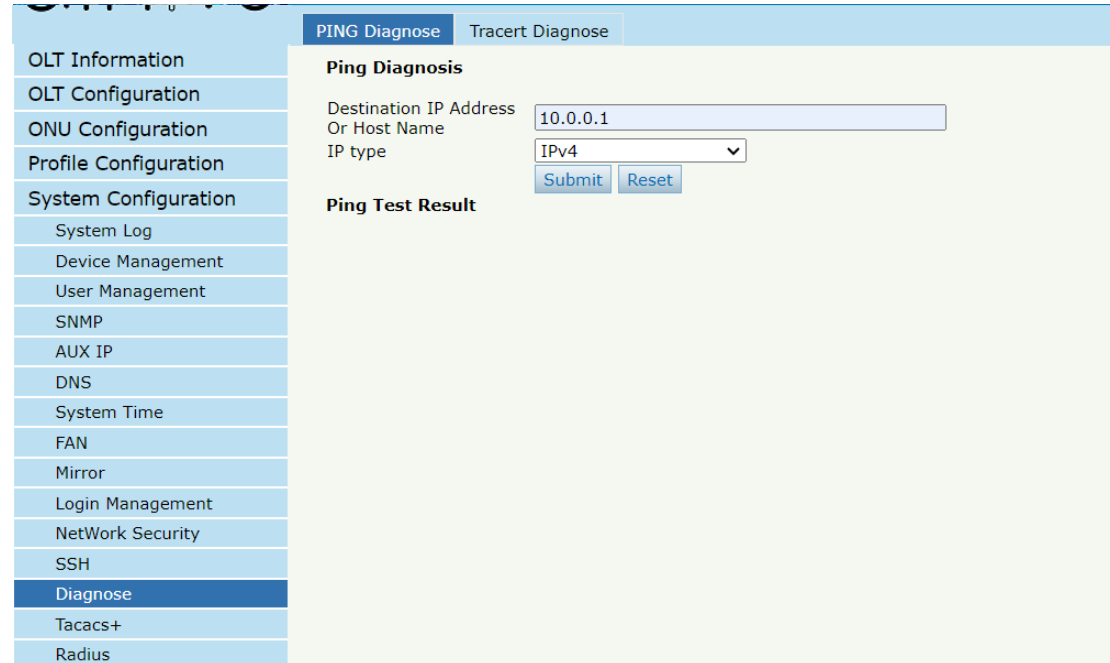


## Third party SNMP software cannot monitor OLT

1. Reconfirm the availability of the SNMP server and verify its accessibility via OLT by pinging. Normally, the OLT can ping the SNMP server, and SNMP server can ping OLT.

If not, please check your network.



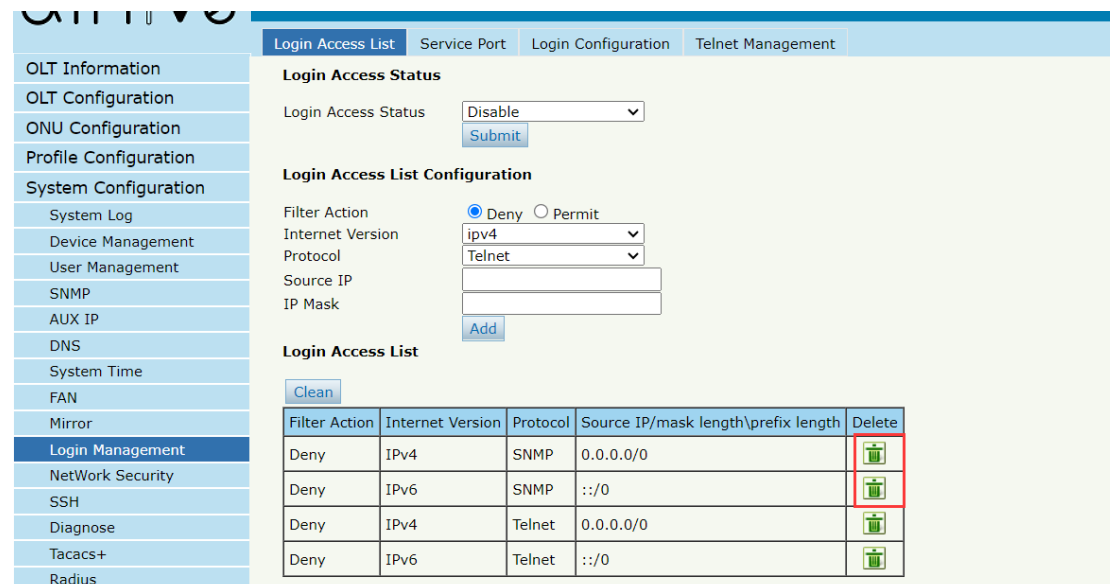
The screenshot shows the OLT web interface with the 'PING Diagnose' tab selected. The 'Ping Diagnosis' section contains the following fields:

- Destination IP Address Or Host Name: 10.0.0.1
- IP type: IPv4
- Buttons: Submit, Reset

The 'Ping Test Result' section is currently empty.

2. Pinging but SNMP server still cannot connect to the OLT.





1) Check the Login management setting, by default the OLT will Deny the SNMP connection, you would need to remove the SNMP Deny configuration first and then add a Permit rule for the SNMP.



The screenshot shows the OLT web interface with the 'Login Access List' tab selected. The 'Login Access Status' is set to 'Disable'. The 'Login Access List Configuration' section shows the following settings:

- Filter Action: Deny (selected)
- Internet Version: ipv4
- Protocol: Telnet
- Source IP: (empty)
- IP Mask: (empty)
- Button: Add

The 'Login Access List' table shows the following entries:

Filter Action	Internet Version	Protocol	Source IP/mask length\prefix length	Delete
Deny	IPv4	SNMP	0.0.0.0/0	
Deny	IPv6	SNMP	:::/0	
Deny	IPv4	Telnet	0.0.0.0/0	
Deny	IPv6	Telnet	:::/0	

2) Check the OLT SNMP community, it should be consistent with the SNMP server settings.

SNMPV1/V2    SNMPV3    Remote Server

**Add Community**

Community Name:

Access Right:

**Community Table**

Community Name	Access Right	Delete
public	Read-Only	
private	Read-Write	
public11	Read-Only	
12345678911! @#	Read-Write	

**Add Trap**

Host IP:

UDP Port:  (1-65535)

Community Name:

SNMP Version:

**Trap Table**

Host IP	UDP Port	SNMP Version	Community Name	Delete
192.168.6.113	162	2c	public	
192.168.6.128	162	2c	public	
192.168.6.141	162	2c	public	
192.168.6.25	162	2c	public	

3) Check the OLT SNMP port

The SNMP port is 161 by default, check whether the OLT and SNMP server port are consistent.

Login Access List    **Service Port**    Login Configuration    Telnet Management

**Service Port**

Web Port:  (1-65535)

Telnet Port:  (1-65535)

SSH Port:  (1-65535)

**SNMP Port:  (1-65535)**