

Verifying That Q-in-Q Tunneling Is Working

Purpose After creating a Q-in-Q VLAN, verify that it is set up properly.

Action 1. Use the `show configuration vlans` command to determine if you successfully created the primary and secondary VLAN configurations:

```
user@switch> show configuration vlans

svlan {
    vlan-id 300;
    dot1q-tunneling {
        customer-vlans [ 101-200 ];
    }
}
```

2. Use the `show vlans` command to view VLAN information and link status:

```
user@switch> show vlans s-vlan-name extensive

VLAN: svlan, Created at: Thu Oct 23 16:53:20 2008
802.1Q Tag: 300, Internal index: 2, Admin State: Enabled, Origin: Static
Dot1q Tunneling Status: Enabled
Customer VLAN ranges:
    101-200
Protocol: Port Mode
Number of interfaces: Tagged 1 (Active = 0), Untagged 1 (Active = 0)
    ge-0/0/1, tagged, trunk
    ge-0/0/2, untagged, access
```

Meaning The output confirms that Q-in-Q tunneling is enabled and that the VLAN is tagged, and lists the customer VLANs that are associated with the tagged VLAN.

Related Topics

- Configuring Q-in-Q Tunneling (CLI Procedure)
- Example: Setting Up Q-in-Q Tunneling on EX-series Switches

