

Configuration of Native VLAN on the SF and SG 200/300 Series Managed Switches

Objective

Virtual LAN (VLAN) allows a group of hosts that are not connected to the same switch to communicate as if they were on the same broadcast domain. An interface that has VLAN traffic needs to have the VLANs assigned to that interface, or packets may be dropped. When GARP VLAN registration protocol (GVRP) is enabled for an interface, then VLANs can be dynamically assigned and it is not necessary to manually assign them.

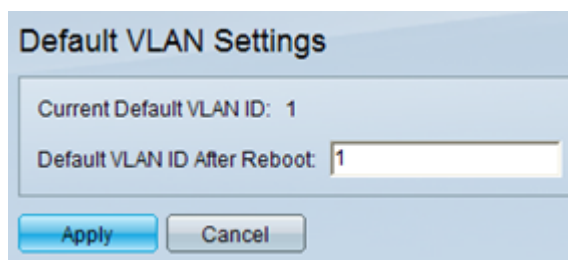
This document explains how to configure Native VLAN on the 200/300 switch series.

Applicable Devices

- 200 Series Switches
- 300 Series Switches

Native VLAN Configuration

Step 1. In the web configuration utility, choose **VLAN Management > Default VLAN Settings**. The *Default VLAN Settings* page opens:



The screenshot shows a web configuration window titled "Default VLAN Settings". Inside the window, there are two labels: "Current Default VLAN ID: 1" and "Default VLAN ID After Reboot:". Next to the second label is a text input field containing the number "1". At the bottom of the window, there are two buttons: "Apply" and "Cancel".

Step 2. In the Default VLAN ID After Reboot field enter the VLAN which is your Native VLAN ID number.

Step 3. In the web configuration utility, choose **Administration > Management Interface > IPv4 Interface**. The *IPv4 Interface* page opens:

IPv4 Interface

Management VLAN:	<div>1 ▾</div>
IP Address Type:	<input type="radio"/> Dynamic <input checked="" type="radio"/> Static
IP Address:	<input type="text" value="50.1.1.2"/>
Mask:	<input checked="" type="radio"/> Network Mask <input type="text" value="255.255.255.0"/> <input type="radio"/> Prefix Length <input type="text"/> (Range)
Default Gateway	<input type="radio"/> User defined <input type="text"/> <input checked="" type="radio"/> None
Operational Default Gateway:	
Renew IP Address Now:	<input type="checkbox"/> Enable
Auto Configuration via DHCP:	Enabled

Use the Pull down menu and choose the VLAN you want to be your Management VLAN. You will need to assign a IP address for that VLAN. Our Small Business devices will only work with Class C subnets.

Step 4. Choose the VLAN you want to be the Management/Native VLAN in the Management VLAN drop-down list.

Step 5. Assign an IP address to the management VLAN in the IP Address field.

Step 6. Click **Apply** to save settings.