VLAN Configuration on ESW2-550X Switches

Objective

A VLAN helps a group of hosts to communicate as if they are on the physical network, regardless of their location. In scenarios where the division of traffic and security are priority, VLANs can be created to enhance the security of your network with the separation of traffic. Only users that belong to a VLAN are able to access and manipulate data traffic in the VLAN. This is also needed in scenarios where multiple subnets need to pass through an uplink for the device.

This document explains how to manage VLAN on ESW2-550X stackable managed switch.

Note: Refer article Port and VLAN Mirroring Configuration on ESW2-550X Switch for Port and VLAN mirror configuration.

Applicable Devices

- ESW2-550X
- ESW2-550X-DC

Software Version

- v1.2.9.44

VLAN Configuration

Step 1. Log in to the web configuration utility and choose VLAN Management > Create VLAN. The Create VLAN page opens:

Add VLAN
Step 1. Click **Add**. The *Add VLAN* page opens:

![Add VLAN page](image1)

Step 2. VLAN can be added in two different methods, click the desired method such as:

- **VLAN** — Use this method to create a specific VLAN.
- **Range** — Use this method to create a range of VLANs.

![VLAN method](image2)

Step 3. If VLAN is clicked in Step 2, enter the VLAN ID in the VLAN ID field.

Step 4. If VLAN is clicked in Step 2, enter the name for the VLAN in the VLAN Name field.

![VLAN Name field](image3)

Step 5. If Range is clicked in Step 2, enter the range of the VLAN in the VLAN Range field.
Note: Only up to 100 VLANs can be created at a time.

Step 6. Click **Apply**.

**Edit VLAN**

Step 1. Check the check box for the desired VLAN to be edited and click **Edit**. The *Edit VLAN* page opens:

Step 2. Choose the desired VLAN from the VLAN ID drop-down list.

Step 3. Re-enter the name of the VLAN in the VLAN Name field.

Step 4. Click **Apply**.

**Delete VLAN**

Step 1. Check the desired VLAN to be deleted and click **Delete**.