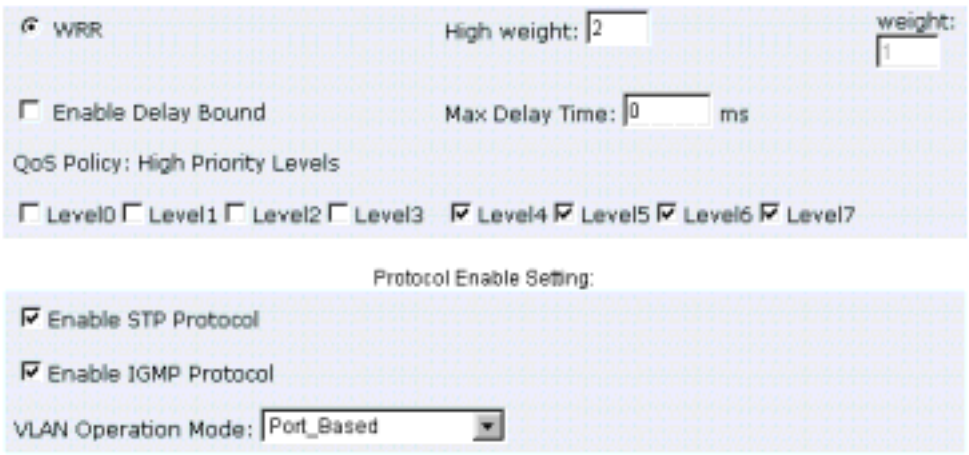


Example of VLAN Setting

1. Port_Based VLAN Setting

Web management → Administrator → Switch settings → Advanced:
Protocol Enable Setting → VLAN Operation Mode: Select
“Port_Based”

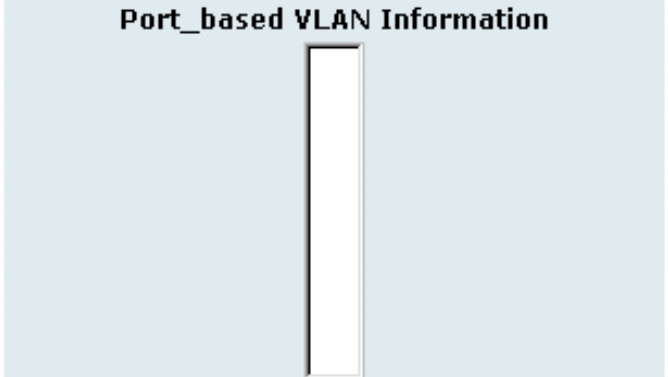


The screenshot shows a configuration page with the following elements:

- WRR** (Weighted Round Robin) section:
 - High weight:
 - weight:
 - Enable Delay Bound
 - Max Delay Time: ms
 - QoS Policy: High Priority Levels
 - Level0 Level1 Level2 Level3 Level4 Level5 Level6 Level7
- Protocol Enable Setting:**
 - Enable STP Protocol
 - Enable IGMP Protocol
 - VLAN Operation Mode:
- Buttons:

Web management → Administrator → Switch settings → VLAN
Configuration:

VLAN Configuration



The screenshot shows a table titled "Port_based VLAN Information" with a single empty row. Below the table are navigation buttons:

Add VLAN Group 1, member: port 1 and port 9

The screenshot shows a configuration window for adding a VLAN group. At the top, there are two input fields: "VLAN Name:" with the value "1" and "Grp ID:" with the value "1". Below these are two vertical lists of port numbers. The left list contains ports 2, 3, 4, 5, 6, 7, 8, and 10. The right list contains ports 1 and 9. Between the lists are two buttons: "Add >>" and "<< Remove". At the bottom of the window are "Apply" and "Help" buttons.

2. Tag_Based (IEEE 802.1Q) VLAN Setting

Web management → Administrator → Switch settings → Advanced:
Protocol Enable Setting → VLAN Operation Mode: Select "**802.1Q without GVRP**"

The screenshot shows the "Protocol Enable Setting" configuration page. It features two checkboxes: "Enable STP Protocol" which is checked, and "Enable IGMP Protocol" which is unchecked. Below these is a dropdown menu for "VLAN Operation Mode" with "802.1Q without GVRP" selected. At the bottom are "Apply", "Default", and "Help" buttons.

Administrator → VLAN Configuration: Select “**Port VID**” in this stage, you can define each port’s PVID and set traffic rules for each port.

Note: There are two basic rules for setting traffic filtering rule while you use Tag VLAN.

1. Ingress rule will be taking effect when the packet is "incoming" packet.

2. Ingress rule 1 and 2 will be checked when you use tag. Otherwise the ingress rule will be meaningless.

Tag-based (IEEE 802.1Q) VLAN

Basic
Port VID

Assign a Port VLAN ID (1~4094) for untagged traffic on each port, then click Submit to apply the changes on this page.

No.	PVID	Ingress Filtering 1	Ingress Filtering 2	NO	PVID	Ingress Filtering 1	Ingress Filtering 2
1	<input type="text" value="1"/>	Enable ▾	Disable ▾	6	<input type="text" value="1"/>	Enable ▾	Disable ▾
2	<input type="text" value="1"/>	Enable ▾	Disable ▾	7	<input type="text" value="1"/>	Enable ▾	Disable ▾
3	<input type="text" value="1"/>	Enable ▾	Disable ▾	8	<input type="text" value="1"/>	Enable ▾	Disable ▾
4	<input type="text" value="1"/>	Enable ▾	Disable ▾	T	<input type="text" value="1"/>	Enable ▾	Disable ▾
5	<input type="text" value="1"/>	Enable ▾	Disable ▾	E	<input type="text" value="1"/>	Enable ▾	Disable ▾

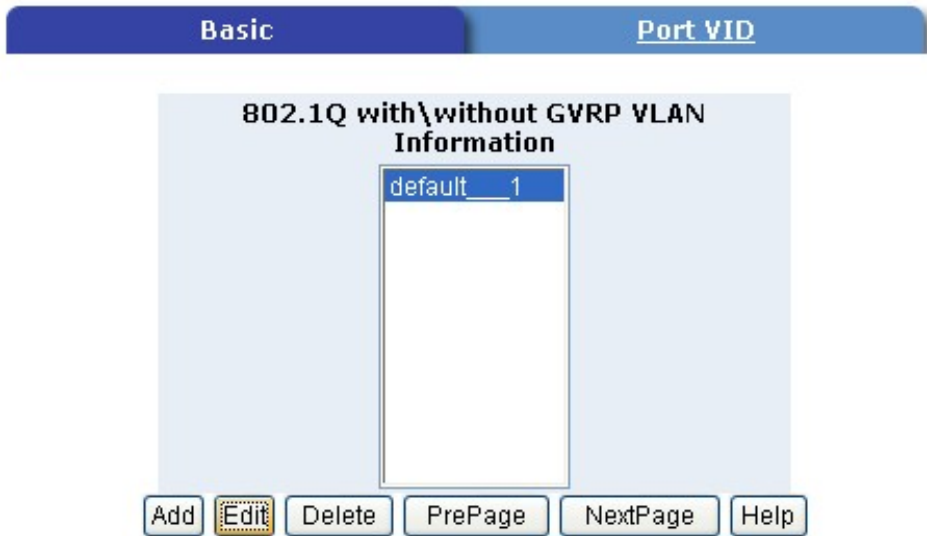
Ingress Filtering Rule 1
(Forward only packets with VID matching this port's configured VID)

Ingress Filtering Rule 2
(Drop Untagged Frame)

VLAN Configuration: Select “**Basic**”

- Default_1 exists when you use **802.1Q Tag VLAN**.
- Highlight default_1 and click Edit button to add/remove each port.

Tag-based (IEEE 802.1Q) VLAN



In default_1 group, add in or remove group members.
 Click Next button to set Tag or Untag for each assigned port.

Tag-based (IEEE 802.1Q) VLAN

Basic | **Port VID**

VLAN Name: default
VID: 1

Protocol Vlan: NONE

7
8
T
E

1
2
3
4
5
6

Add >>

<< Remove

Next Help

From this page, you can set Tag or Untag for assigned port and click Apply button.

Tag-based (IEEE 802.1Q) VLAN

VLAN Name: default
VLAN ID: 1

Port_NO	Setting	Port_NO	Setting
1	Untag	6	Tag
2	Untag	7	N/A
3	Untag	8	N/A
4	Untag	T	N/A
5	Tag	E	N/A

Apply

Add in new group.

- Click Add button into new group setting page.

Tag-based (IEEE 802.1Q) VLAN

Basic		Port VID			
802.1Q with\without GVRP VLAN Information					
default__1					
Add	Edit	Delete	PrePage	NextPage	Help

Add in new group page.

- Fill in new group name into VLAN Name.
- Set the VID number.
- Add in new group members.
- Click Next button.

Tag-based (IEEE 802.1Q) VLAN

Basic **Port VID**

VLAN Name:

VID:

Protocol Vlan:

3
4
5
6
7
8

1
2
T
E

Add >>

<< Remove

Next Help

Set Tag or Untag for group members and click Apply button.

Tag-based (IEEE 802.1Q) VLAN

VLAN Name: **Sample**

VLAN ID: **2**

Port_NO	Setting	Port_NO	Setting
1	Untag	6	N/A
2	Untag	7	N/A
3	N/A	8	N/A
4	N/A	T	Untag
5	N/A	E	Tag

Apply

New group has been created, now you can highlight each group and click Edit or Delete button to modify or delete VLAN Group.

Tag-based (IEEE 802.1Q) VLAN

