



How to set up two GSW-2473 with two VLANs and a Gateway?

Scenario:

- A GSW-2473 with port 1 – 10 & B GSW-2473 with port 1 – 10 VLAN 1
- A GSW-2473 with port 9 – 26 & B GSW-2473 with port 9 – 26 VLAN 2
- A & B GSW-2473 port 9 for interconnecting together.
- Port 10: Connect to Internet

- VLAN 1 members will be able to communicate on both GSW-2473 A&B
- VLAN 2 members will be able to communicate on both GSW-2473 A&B
- VLAN 1 & 2 will be able to get on internet

Test Environment :

- Switch 1 IP: 192.168.0.73
- Switch 2 IP: 192.168.0.173

Please refer to set up procedure below:

1. Switch A VLAN Member → Port 1~10 -> vlan 1

The screenshot shows the web interface for configuring a GSW-2473 switch. The main content area is titled "VLAN Member Setting (Tag Based)". It features a table for assigning ports to VLANs. The "VID" is set to 10. The "Dest PORT" section shows ports 01 through 10 are selected for VLAN 10, while ports 14 through 26 are not selected. An "Update" button is visible below the table.

VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
2	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
3	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
4	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
5	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
6	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
7	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
8	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																

2. Switch A VLAN Member → Port 9~26 -> vlan 2

The screenshot shows the 'VLAN Member Setting (Tag Based)' page. At the top, 'VLAN Entry No.' is set to 20 and 'VID' is 20. Below this is a table for configuring ports for VLAN 20. The 'Dest PORT' row shows ports 01-13 are unselected, while ports 14-26 are selected. An 'Update' button is visible below the table.

VLAN Entry No.	VID	01	02	03	04	05	06	07	08	09	10	11	12	13
select	20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
Dest PORT		14	15	16	17	18	19	20	21	22	23	24	25	26
select		<input checked="" type="checkbox"/>												

Below the configuration table is a 'VLAN MEMBER' table showing the mapping of ports to VLANs. For VLAN 2, ports 14 through 26 are marked with 'v', indicating they are members of that VLAN.

VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	1	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
2	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
3	3	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	5	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
6	6	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
7	7	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
8	8	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v

3. Switch A VLAN mode → set up Port 9 to uplink.

The screenshot shows the 'Uplink Port / Tag Mode' configuration page. It displays a grid of ports from 01 to 26. Each port has three radio button options: 'Uplink', 'AddTag', and 'RemoveTag'. Port 09 is highlighted with a red box, and a red arrow points from it to the text 'Uplink to other GSW-2473'.

Port	Uplink	AddTag	RemoveTag
01	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
02	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
03	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
04	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
05	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
06	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
07	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
08	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
09	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
11	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
12	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
13	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
14	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
15	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
16	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
17	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
18	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
19	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
20	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
21	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
22	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
23	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
24	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
25	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
26	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Note: two vlans will exchange packets across uplink port. You can set only one uplink port.

4. Switch A VLAN PVID: Port 1~8 PVID 10 / Port 10 PVID 30 / Port 9 + 11~26 PVID 20.

VLAN PVID Index Setting

Note: PVID Index indicates the corresponding tag-based vlan entry id.
When PVID Index was set, the port pvid will equal to the vlan id of the same vlan id entry no.

PVID index	PVID index value is 1~32												
Port/ PVID Index	01	02	03	04	05	06	07	08	09	10	11	12	13
	10	10	10	10	10	10	10	10	20	30	20	20	20
Port/ PVID Index	14	15	16	17	18	19	20	21	22	23	24	25	26
	20	20	20	20	20	20	20	20	20	20	20	20	20

Update Refresh

Connect Internet port

4. Switch B VLAN Member → Port 1~10 -> vlan 1

VLAN Entry No. 10 VID: 10 (1-4095) Read

Dest PORT	01	02	03	04	05	06	07	08	09	10	11	12	13
select	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
Dest PORT	14	15	16	17	18	19	20	21	22	23	24	25	26
select	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

Update

VLAN MEMBER

VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	1	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
2	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
3	3	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	5	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
6	6	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
7	7	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
8	8	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
9	9	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v

6. Switch B VLAN Member → Port 9~26 -> vlan 2

GSW-2473 - Windows Internet Explorer

http://192.168.0.173/

level one

VLAN Member Setting (Tag Based)

VLAN Entry No. VID: (1-4095)

Dest PORT	01	02	03	04	05	06	07	08	09	10	11	12	13
select	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
Dest PORT	14	15	16	17	18	19	20	21	22	23	24	25	26
select	<input checked="" type="checkbox"/>												

VLAN MEMBER

VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	1	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
2	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
3	3	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	5	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
6	6	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
7	7	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
8	8	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v

完成

7. Switch B VLAN mode → set up Port 9 to **uplink**.

GSW-2473 - Windows Internet Explorer

http://192.168.0.173/

level one

UplinkPort / Tag Mode

01	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input type="radio"/> RemoveTag	02	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	03	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	04	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	05	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	06	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag
07	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	08	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	09	<input type="radio"/> Uplink <input checked="" type="radio"/> AddTag <input type="radio"/> don't care <input type="radio"/> RemoveTag	10	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	11	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	12	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag
13	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	14	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	15	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	16	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	17	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	18	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag
19	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	20	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	21	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	22	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	23	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	24	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag
25	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	26	<input type="radio"/> Uplink <input type="radio"/> AddTag <input type="radio"/> don't care <input checked="" type="radio"/> RemoveTag	Uplink to other GSW-2473							

Note: two vlans will exchange packets across uplink port. You can set only one uplink port.

完成

8. Switch B VLAN mode → Port 1~8 PVID 10 / Port 9~16 PVID 20.



VLAN PVID Index Setting

**Note: PVID Index indicates the corresponding tag-based vlan entry id.
 When PVID Index was set, the port pvid will equal to the vlan id of the same vlan id entry no.**

PVID index	PVID index value is 1~32												
Port/ PVID Index	01	02	03	04	05	06	07	08	09	10	11	12	13
	10	10	10	10	10	10	10	10	20	20	20	20	20
Port/ PVID Index	14	15	16	17	18	19	20	21	22	23	24	25	26
	20	20	20	20	20	20	20	20	20	20	20	20	20

- Open all
- [-] Main Page
- [-] Administrator
- [-] Port Management
- [-] VLAN Setting
 - [-] VLAN Member
 - [-] VLAN mode
 - [-] VLAN PVID Index
- [-] Per Port Counter
- [-] QoS Setting
- [-] Security Filter
- [-] Trunk
 - [-] Configuration
 - [-] Backup/Recovery
 - [-] Firmware Update
 - [-] Load default setting
 - [-] Reboot
 - [-] Logout