

# 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

🕞 👻 🙋 http://192.168.0.7							~	-													¥ \$9		Googl					
🍄 😸 🕶 🏈 GSW-2473	€ GS₩-2473	x	🔊 illustr	ator cs3	- Yahoo	奇摩																• 6	] - 6	•	🕑 網頁	(@) •	© I	具(())
one.	VLAN Member S	Setting	or	1E N	ase	2002 2002 2002 2002		21+16182					12 14				] [		;									
oen all 🗟 Main Page				_																								
Administrator	VLAN Entry No.											L	10 🔽	VID:	10	_(1~	4095)	Read	]									
🔌 VLAN Setting	Dest PORT		01	lĝ –	02		03		04		05		06	i	0'	7	0	3	0	9	1	0	1	1	1	2	1	13
<ul> <li>VLAN Member</li> <li>VLAN mode</li> </ul>	select		V	]				(	<b>V</b>		<b>v</b>	1	~	1		2	V	2	E	2	E	~	[		0		1	
VLAN PVID Index	Dest PORT		14	ŧ.	15		16	(	17		18		19		2	0	2	1	2	2	2	3	2	24	2	:5	2	26
QoS Setting	select		E	]										]			E	]	E		E		[		0		I	
<ul> <li>☐ Trunk</li> <li>③ Configuration</li> <li>Backup/Recovery</li> <li>④ Firmware Update</li> <li>③ Load default setting</li> </ul>										855		date																
Reboot			-	-			-	-	_	V	LANN	ИЕМІ	BER			1		1	T.	1	-	1	1	-	Terror		T	1
E) Logout	VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	$\begin{vmatrix} 1 \\ 7 \end{vmatrix}$	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6
	1	1	٧	۷	v	v	v	v	v	۷	v	۷	۷	v	v	v	v	v	v	۷	v	v	v	٧	٧	۷	v	v
	2	2	۷	v	v	v	v	v	v	v	v	۷	۷	۷	v	v	v	v	v	v	v	v	۷	٧	٧	۷	v	v
	3	3	٧	V	v	v	V	v	v	۷	v	٧	۷	٧	۷	v	v	v	v	v	v	v	٧	V	٧	٧	V	V
	4	4	v	v	v	v	v	v	v	v	v	٧	٧	v	v	v	v	v	v	v	v	v	v	٧	v	v	v	v
	5	5	۷	v	V	v	V	v	V	v	V	۷	٧	v	V	v	V	v	v	v	v	v	V	۷	۷	۷	V	v
	6	6	¥	V	V	v	V	V	V	V	V	٧	۷	V	V	v	V	v	v	v	v	v	V	¥	V	V	V	V
	7	7	٧	v	v	v	v	v	v	V	٧	۷	٧	۷	v	v	v	v	v	v	v	v	v	٧	٧	۷	۷	v
	8	8								V		V	V	V	V	V	V	v	v	v	V	V	V				V	

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

🚫 🗸 🙋 http://192.168.0.73	1																			8	v +4	×	Googl	e)			_	8
🛠 🔠 🕶 🌈 GSW-2473	GSW-2473	×	🕫 illustra	ntor cs3	- Yahoo	奇摩																• 6	] - d	• [	1) 網)	₹(P) •	0 I	具(0)
	VLAN Member S	Setting	40	е 0	Pore G rad Edion	Sources Sources Sources Sources					ŢŮŢ Į <sub>s</sub> Į					22 24 21 23												
en all 🗃 Main Page	VLAN Entry No.											ī	20	VID:	20	4	1095)	Read										
Administrator     Port Management	Dest PORT		01		02	,	03		04		05	-	20 💌	-	20 0'		1095) 08			9	1	0	1	1	0	12		13
VLAN Setting	select		U.		02	~		-		-		-		-				-		2		2		<b>v</b>	-			I.J
<ul> <li>VLAN mode</li> <li>VLAN PVID Index</li> </ul>	Dest PORT		14		15		16	-	17		18		19		20		2.	0		2		:3	-	24	1	25	-	26
Per Port Counter QoS Setting	select			]		1			<b>v</b>		~		~	1	V	3	V	3	B	2	B	2	[	~				<b>&gt;</b>
Security Filter Trunk Configuration Backup/Recovery Firmware Update Load default setting											U	odate																
Reboot			-							V	LANI	MEMI	BER			1				1		1					-	
) Logout	VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6
	1	1	۷	v	v	v	v	v	v	v	v	۷	۷	۷	v	v	v	v	v	v	v	v	v	v	٧	٧	۷	v
	2	2	¥	v	v	v	v	v	٧	v	¥	¥	۷	٧	v	v	v	v	v	v	v	v	¥	v	٧	٧	٧	v
	3	3	٧	v	v	v	v	v	v	۷	v	۷	٧	۷	v	v	v	v	v	v	v	۷	۷	٧	٧	٧	٧	V
	4	4	۷	v	v	v	v	v	v	v	v	A	¥	v	v	v	v	v	v	v	v	v	v	v	A.	¥	v	v
	5	5	¥	v	v	v	v	v	V	v	V	۷	¥	٧	v	v	v	v	v	v	v	v	¥	٧	¥	٧	V	v
	6	6	٧	v	v	v	v	v	V	v	v	۷	۷	۷	v	v	v	v	v	v	v	V	۷	٧	۷	٧	۷	v
	7	7	۷	v	v	v	v	v	v	v	۷	۷	۷	۷	v	v	v	v	v	v	v	v	۷	v	٧	۷	۷	v
							v		v	v	1					v	v	1									v	V

## 3. Switch A VLAN mode $\rightarrow$ set up Port 9 to uplink.

🥭 GSI	W-2473 🗙 😽 ill	ustrator cs3 - Yahoo!奇摩			👌 • 🖻	- 🖶 • 🔂 網頁(12) • 🎲 エ
mode		In year 2-Part Fast Boundet - 2-Part Signet Em- Comp Hes Benefict - 2-Part Signet Em- (and the Benefict - 2-Part Signet Em- (and th				
	01 O <b>Uplink</b> O AddTag O don't care @ RemoveTag	02 • <b>Uplink</b> • AddTag • don't care • RemoveTag	03 • <b>Uplink</b> • AddTag • don't care • RemoveTag	04 • <b>Uplink</b> • Add Tag • don't care • Remove Tag	05 <b>Uplink</b> AddTag don't care RemoveTag	06 <b>Uplink</b> AddTag don't care RemoveTag
	07 • <b>Uplink</b> • Add Tag • don't care • Remove Tag	08 • <b>Uplink</b> • AddTag • don't care • RemoveTag	09 <b>○ Uplink</b> ④ AddTag ○ don't care ○ RemoveTag	10 <b>Uplink</b> AddTag don't care RemoveTag	11 • <b>Uplink</b> • AddTag • don't care • RemoveTag	12 <b>Uplink</b> AddTag don't care RemoveTag
UplinkPort / Tag Mode	13 • <b>Uplink</b> • AddTag • don't care • RemoveTag	14 • Uplink • AddTag • don't care • RemoveTag	15 <b>Uplink</b> AddTag don't care RemoveTag	16 <b>Uplink</b> AddTag don't care RemoveTag	17 • <b>Uplink</b> • AddTag • don't care • RemoveTag	18 • Uplink • AddTag • don't care • RemoveTag
	19 • <b>Uplink</b> • Add Tag • don't care • Remove Tag	20 <b>Uplink</b> AddTag don't care RemoveTag	21 • Uplink • AddTag • don't care • RemoveTag	22 <b>Uplink</b> AddTag don't care RemoveTag	23 • Uplink • AddTag • don't care • RemoveTag	24 <b>Uplink</b> AddTag don't care RemoveTag
	25 <b>Uplink</b> Add Tag don't care Remove Tag	26 <b>Uplink</b> AddTag don't care RemoveTag	Uplink to other G	sw-2473		
	Woue UplinkPort /	UplinkPort / Tag Mode Uplink AddTag Of Uplink AddTag Of Uplink AddTag Odon't care RemoveTag I3 O'Uplink AddTag Odon't care RemoveTag I3 Uplink AddTag Odon't care RemoveTag I9 Uplink AddTag Odon't care RemoveTag I9 Uplink AddTag Odon't care RemoveTag I9 O'Uplink AddTag Odon't care RemoveTag I9 O'Uplink AddTag Odon't care RemoveTag I9 O'Uplink AddTag Odon't care RemoveTag I9 O'Uplink AddTag Odon't care RemoveTag I9 O'Uplink	UplinkPort / Tag Mode Uplink Oto	UplinkPort / Tag Mode       01 0       02 0       03 0       0       01 0       02 0       03 0       01 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       01 0       02 0       03 0       02 0       01 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       03 0       02 0       01 0       02 0       03 0       02 0       01 0       02 0       03 0       02 0       03 0       02 0       01 0       03 0       03 0       0	UplinkPort / Tag Mode       01       02       03       04       01       02       03       04       01       02       03       04       01       02       03       04       01       02       03       04       01       02       03       04       02       03       04       02       03       04 <t< td=""><td>UplinkPort /       01       02       03       04       05         Vplink       0       0       0       0       0         0 don't care       0       0       0       0       0         0 don't care       0       0       0       0       0       0         0 don't care       0       0       0       0       0       0       0         0 don't care       0&lt;</td></t<>	UplinkPort /       01       02       03       04       05         Vplink       0       0       0       0       0         0 don't care       0       0       0       0       0         0 don't care       0       0       0       0       0       0         0 don't care       0       0       0       0       0       0       0         0 don't care       0<

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

GSW-2473 - Windows Internet Explorer																						
😋 🕞 👻 http://192.168.0.73/																	<b>~</b>	G 🗙	oogle			P-
😭 🏘 🔠 🕶 🌈 GSW-2473	GS 🏈	W-2473			× 777 ilb	istrator cs3	- Yahoo	奇摩							_		6	• 🖻	-	▶ 網頁(	) • 🍈 工具	.@ • <sup>»</sup>
level one							W-2473 Port Fast En Hoo Web Sh Down Shee D Wata Dator		ri Gigaen Eri 6 8 10 12 1 6 8 1 10 12 1 6 7 6 11 6													
VLA	N PV	ID I	nde	x S	etting																	_
Administrator     When I     Port Management	VID Inc VID Inc	dex in dex w	idicate as set	s the ,the p	corresp ort pvid	onding will ec	tag-ba jual to	ased v the v	vlan e vlan ic	ntry i I of ti	d. he sai	ne vla	ın id	entry no.								
PVID ind	lex				PVID	ndex va	lue is .	1~32						Connect Interne	t port							
VLAN mode     Port/     VLAN PVID Index     PVID Index     PVID Index     PVID Index		02	03	04 10	05 06 10 10		08	09 20	10 30	11 20	12 20	13 20	7	connect interne	A port							
QoS Setting     Security Filter     Trunk     VID Inc		15 20	16 20	17 20	18 19 20 2		21 20	22 20	23 20	24 20	25 20	26 20										
Configuration Backup/Recovery Firmware Update				(	Update	Refresh	]															
<ul> <li>Load default setting</li> <li>Reboot</li> <li>Logout</li> </ul>																						
完成																		- i i i i i i i i i i i i i i i i i i i	網際網路	ê	<b>a</b> 100	1% -

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

🔿 🗸 🙋 http://192.168.0.173/																				1	v 49	×	Googl	le				
🛠 🔠 🔻 🏉 GSW-2473	🗙 🌈 GSW-2473	3	🤊 illustr	ator cs3	- Yahoo	奇摩																• 6	3 - 6	•	已 網	頁例,	0I	具(0)
eve! onc					Wr2473 Rot Fast Er NDO Web B Pare Pare Val Buller					ĹΤ							1 _											
en all	VLAN Entry No.											Ĩ	10 🗸	VID:	10	(1~	4095)	Read	1									
Main Page	Dest PORT		0.	1	02		03		04		05	_	06		0		0,000	-	0	9	1	.0		11	Ĩ.	12	1	13
Port Management	select				v2									21 16				2		2	22	<b>v</b>						
🔛 VLAN Member	Dest PORT		14		15		16	-	17		18		19	-	2		2	20 1	2			23		24		25		26
VLAN mode  VLAN PVID Index  Per Port Counter	select			-		-		-		1		_											-		-			
☐ Trunk Configuration Backup/Recovery Firmware Update										V	LAN	MEM	BER															
<ul> <li>Load default setting</li> <li>Reboot</li> <li>Logout</li> </ul>	VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6
	1	1	v	v	v	v	v	v	v	v	v	v	v	۷	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	2	2	٧	v	v	v	v	v	v	V	V	٧	٧	V	v	v	v	v	v	v	v	v	v	٧	٧	٧	٧	V
	3	3	v	v	v	v	v	v	v	۷	V	۷	۷	۷	v	v	v	v	v	v	v	v	v	v	v	v	۷	V
					v	v	v	v	V	۷	۷	۷	۷	۷	V	v	V	v	v	v	V	v	۷	۷	۷	۷	۷	V
	4	4	٧	V	V	× –	- C	-					V	٧	V	v	v	v	v	v	V	V	v	V	٧	V	٧	V
-	5	5	v v	v	v	v	v	v	v	V	V	۷		-									-	-	-	-	-	-
-	5	5	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	٧	۷	v
-	5 6 7	5 6 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	V V	V V	V V	V V	1 20
	5	5	V V	v v	v v	V V	v	v	v	v	v	V	12-1	- 22	19	10	<u></u>	100	2	10	- 2	18	100	2 N	10	- 22	19	v v v

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

🕥 🗸 🙋 http://192.168.0.17	3/																				¥ 4	×	Googl	e				
🛠 😸 🕶 🌽 GSW-2473	× 🌈 GSW-2473	Y	• illustra	tor cs3 ·	- Yahoo	奇摩																• 6	3 - d	•	副網	₹(P) •	() I	具(())
					N-2473 Pot Fast E0 noo Web Br Down Powe waa Batian	Sound -									18 20 17 19	22 24			3									
	VLAN Member S	etting	(Та	gВ	ase	d)																						
en all ) Main Page Administrator	VLAN Entry No.											[	20 🗸	VID:	20	(1~4	4095)	Read	]									
Port Management VLAN Setting	Dest PORT		01		02		03		04		05		0	5	0'		0			9	1	0	1	1	0	12	1	13
VLAN Member VLAN mode	select			1									E			]	E	]	E	2	1	~	[	~		<b>V</b>	[	<b>&gt;</b>
VLAN PVID Index Per Port Counter	Dest PORT		14	3	15		16		17		18		19	9	20	)	2	1	2	2	2	23	2	24	1	25	2	26
QoS Setting	select		V	1					<b>v</b>		~		v	2	v	3		•	B	•	[	~	[	~		<b>V</b>	[	<b>V</b>
☐ Trunk S Configuration Backup/Recovery Firmware Update Load default setting												odate																
<ul> <li>Reboot</li> <li>Logout</li> </ul>			1	-	<u> </u>	-	<u> </u>		r	V T	LANI		BER		<u>.</u>		1		1	1.2	T <sub>2</sub>	1	1	-	-		-	
. Logour	VLAN Entry No.	VID	1	2	3	4	5	6	7	8	9	1	1	1 2	1 3	4	1 5	1 6	$\begin{vmatrix} 1 \\ 7 \end{vmatrix}$	18	19	2 0	2 1	2 2	2 3	2 4	2 5	26
	1	1	v	v	v	v	v	v	v	v	۷	v	¥	v	v	v	v	v	v	v	v	v	v	v	v	٧	v	v
	2	2	v	v	v	v	v	v	v	v	¥	v	¥	v	v	v	v	v	v	v	v	v	٧	v	¥	v	v	V
	3	3	٧	v	v	v	v	v	v	٧	٧	٧	V	٧	v	v	v	v	v	v	v	v	v	٧	٧	٧	۷	v
	4	4	V	v	v	v	v	v	v	v	¥	A	¥	¥	v	v	v	v	v	v	v	v	V	v	۷	¥	v	v
	5	5	v	v	v	v	v	v	v	v	٧	۷	¥	٧	v	v	v	v	v	v	v	v	V	V	٧	٧	v	V
	6	6	۷	v	v	v	V	v	V	v	۷	۷	¥	۷	v	v	v	v	v	v	v	v	V	۷	۷	۷	V	v
	7	7	V	v	v	v	v	v	v	V	٧	۷	V	۷	۷	v	v	v	v	v	v	V	V	V	٧	۷	۷	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

7. Switch B VLAN mode  $\rightarrow$  set up Port 9 to uplink.

<ul> <li>+ @ http://192.168.0.3</li> <li>+ @ GSW-2473</li> </ul>	× 🏉 GSI	N-2473 🌚 ill	ustrator cs3 - Yahoo!奇摩				- 👼 • 🔂 網頁 (P) • 🎯 工具 (
n C	Mode		EXAMINE A GOVERNMENT & PORT CAN BE AN ADDRESS OF TAXES Description of the Second of t	فتقاشقا ويبديه			
n all   Main Page ] Administrator ] Port Management		01 O <b>Uplink</b> O AddTag O don't care	02 • Uplink • AddTag • don't care	03 • <b>Uplink</b> • AddTag • don't care	04 <b>Uplink</b> AddTag don't care	05 <b>Uplink</b> AddTag don't care	06 <b>Uplink</b> O AddTag O don't care
Port Management VLAN Setting ULAN Member VLAN Mode VLAN Mode VLAN Mode VLAN PVID Index Per Port Counter Cost Setting Security Filter Trunk Configuration Backup/Recovery Firmware Update Load default setting Reboot Logout		<ul> <li>Remove Tag</li> <li>07</li> <li>Uplink</li> <li>Add Tag</li> <li>don't care</li> <li>Remove Tag</li> </ul>	<ul> <li>Remove Tag</li> <li>Uplink</li> <li>Add Tag</li> <li>don't care</li> <li>Remove Tag</li> </ul>	<ul> <li>RemoveTag</li> <li>Uplink</li> <li>AddTag</li> <li>don't care</li> <li>RemoveTag</li> </ul>	<ul> <li>RemoveTag</li> <li>Uplink</li> <li>AddTag</li> <li>don't care</li> <li>RemoveTag</li> </ul>	<ul> <li>Remove Tag</li> <li>Uplink</li> <li>AddTag</li> <li>don't care</li> <li>Remove Tag</li> </ul>	RemoveTag     I2     Uplink     AddTag     don't care     ® RemoveTag
	UplinkPort / Tag Mode	13 • <b>Uplink</b> • AddTag • don't care • RemoveTag	14 <b>Uplink</b> AddTag don't care RemoveTag	15 <b>Uplink</b> AddTag don't care RemoveTag	16 <b>Uplink</b> Add Tag don't care Remove Tag	17 <b>Uplink</b> AddTag don't care RemoveTag	18 • Uplink • AddTag • don't care • RemoveTag
		19 • <b>Uplink</b> • AddTag • don't care • RemoveTag	20 <b>Uplink</b> AddTag don't care RemoveTag	21 • Uplink • AddTag • don't care • RemoveTag	22 • Uplink • Add Tag • don't care • Remove Tag	23 • Uplink • AddTag • don't care • RemoveTag	24 • <b>Uplink</b> • AddTag • don't care • RemoveTag
		25 • <b>Uplink</b> • Add Tag • don't care • Remove Tag	26 <b>Uplink</b> AddTag don't care RemoveTag	Uplink to other GS	SW-2473		

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

