

# UBS-5324z Port 切 VALN(Multi TO 1)設定

## [目的]

每一個網路孔都能與第一個網路孔通，但彼此都不互通。

PS：第一個網路孔接防火牆或頻寬管理器。

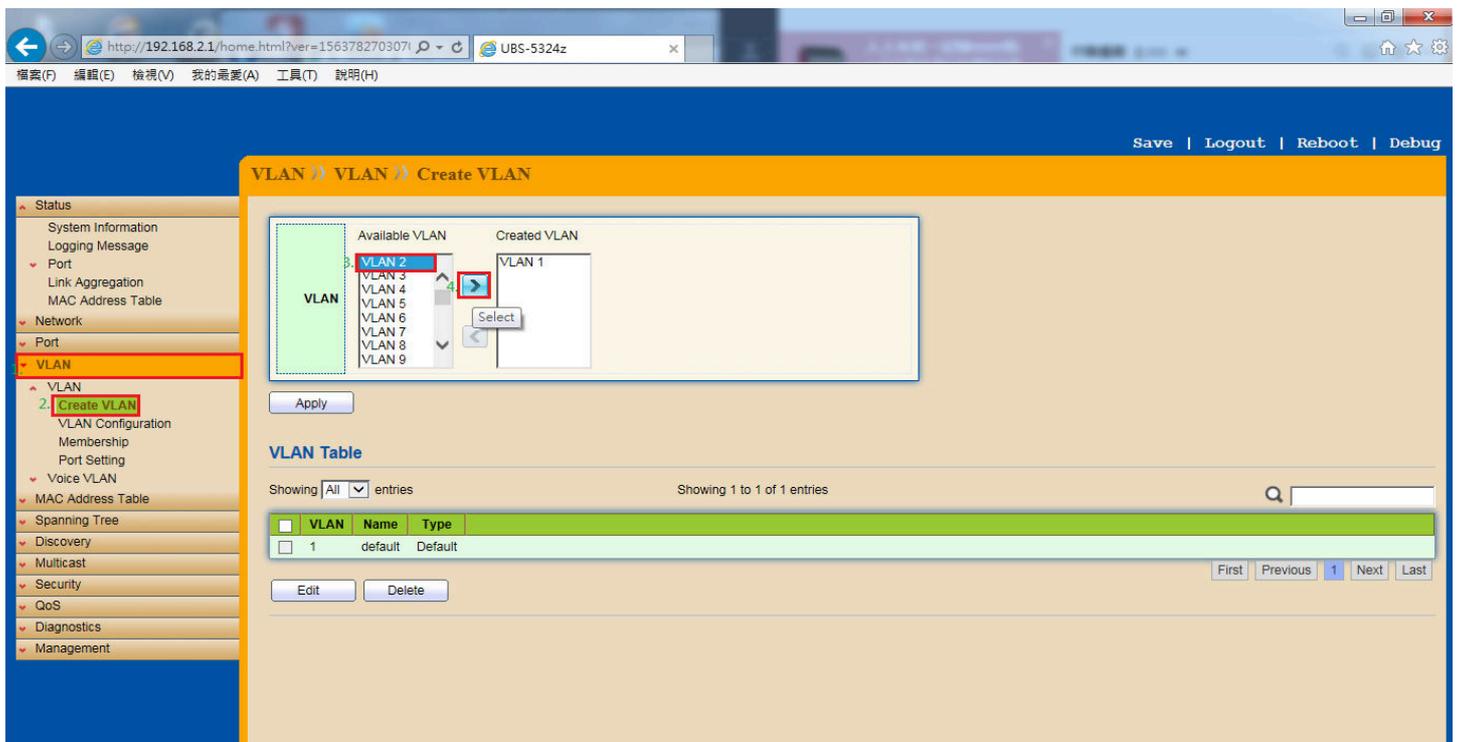
## [準備工作]

1. 一台桌上型電腦(或筆記型電腦)。
2. 一條網路線。
3. 電腦有線網路卡手動自定 IP->192.168.2.100
4. 將網路線一端插入有線網路卡,一端插到 UBS-5324z 第一孔。

[步驟 1] 電腦瀏覽器網址輸入 192.168.2.1，然後依照下面畫面操作。



[步驟 2] 建立 VLAN2，請依照下面畫面操作。



[步驟 3] 依序將需要的 VLAN 從左邊拉到右邊 Created VLAN 框框內，請依照下面畫面操作。

Save | Logout | Reboot | Debug

VLAN > VLAN > Create VLAN

Available VLAN: VLAN 25, VLAN 26, VLAN 27, VLAN 28, VLAN 29, VLAN 30, VLAN 31, VLAN 32

Created VLAN: VLAN 17, VLAN 18, VLAN 19, VLAN 20, VLAN 21, VLAN 22, VLAN 23, VLAN 24

4. Apply

VLAN Table

Showing All entries Showing 1 to 1 of 1 entries

<input type="checkbox"/>	VLAN	Name	Type
<input type="checkbox"/>	1	default	Default

Edit Delete

First Previous 1 Next Last

[步驟 4] 設定好 VLAN 之後，就會看到如下的 VALN 狀態表。

Save | Logout | Reboot | Debug

VLAN > VLAN > Create VLAN

Available VLAN: VLAN 25, VLAN 26, VLAN 27, VLAN 28, VLAN 29, VLAN 30, VLAN 31, VLAN 32

Created VLAN: VLAN 1, VLAN 2, VLAN 3, VLAN 4, VLAN 5, VLAN 6, VLAN 7, VLAN 8

Apply

VLAN Table

Showing All entries Showing 1 to 24 of 24 entries

<input type="checkbox"/>	VLAN	Name	Type
<input type="checkbox"/>	1	default	Default
<input type="checkbox"/>	2	VLAN0002	Static
<input type="checkbox"/>	3	VLAN0003	Static
<input type="checkbox"/>	4	VLAN0004	Static
<input type="checkbox"/>	5	VLAN0005	Static
<input type="checkbox"/>	6	VLAN0006	Static
<input type="checkbox"/>	7	VLAN0007	Static
<input type="checkbox"/>	8	VLAN0008	Static
<input type="checkbox"/>	9	VLAN0009	Static
<input type="checkbox"/>	10	VLAN0010	Static
<input type="checkbox"/>	11	VLAN0011	Static
<input type="checkbox"/>	12	VLAN0012	Static
<input type="checkbox"/>	13	VLAN0013	Static
<input type="checkbox"/>	14	VLAN0014	Static
<input type="checkbox"/>	15	VLAN0015	Static
<input type="checkbox"/>	16	VLAN0016	Static
<input type="checkbox"/>	17	VLAN0017	Static
<input type="checkbox"/>	18	VLAN0018	Static
<input type="checkbox"/>	19	VLAN0019	Static
<input type="checkbox"/>	20	VLAN0020	Static
<input type="checkbox"/>	21	VLAN0021	Static
<input type="checkbox"/>	22	VLAN0022	Static
<input type="checkbox"/>	23	VLAN0023	Static
<input type="checkbox"/>	24	VLAN0024	Static

Edit Delete

First Previous 1 Next Last

[步驟 5] 接下來設定每 Port 的 VLAN ID，首先先從第 2 Port 開始設定 VLAN ID，請依照下面畫面操作。

VLAN > VLAN > Port Setting

Port Setting Table

Entry	Port	Mode	PVID	Accept Frame Type	Ingress Filtering	
<input type="checkbox"/>	1	GE1	Hybrid	1	All	Enabled
<input checked="" type="checkbox"/>	2	GE2	Hybrid	1	All	Enabled
<input type="checkbox"/>	3	GE3	Hybrid	1	All	Enabled
<input type="checkbox"/>	4	GE4	Hybrid	1	All	Enabled
<input type="checkbox"/>	5	GE5	Hybrid	1	All	Enabled
<input type="checkbox"/>	6	GE6	Hybrid	1	All	Enabled
<input type="checkbox"/>	7	GE7	Hybrid	1	All	Enabled
<input type="checkbox"/>	8	GE8	Hybrid	1	All	Enabled
<input type="checkbox"/>	9	GE9	Hybrid	1	All	Enabled
<input type="checkbox"/>	10	GE10	Hybrid	1	All	Enabled
<input type="checkbox"/>	11	GE11	Hybrid	1	All	Enabled
<input type="checkbox"/>	12	GE12	Hybrid	1	All	Enabled
<input type="checkbox"/>	13	GE13	Hybrid	1	All	Enabled
<input type="checkbox"/>	14	GE14	Hybrid	1	All	Enabled
<input type="checkbox"/>	15	GE15	Hybrid	1	All	Enabled
<input type="checkbox"/>	16	GE16	Hybrid	1	All	Enabled
<input type="checkbox"/>	17	GE17	Hybrid	1	All	Enabled
<input type="checkbox"/>	18	GE18	Hybrid	1	All	Enabled
<input type="checkbox"/>	19	GE19	Hybrid	1	All	Enabled
<input type="checkbox"/>	20	GE20	Hybrid	1	All	Enabled
<input type="checkbox"/>	21	GE21	Hybrid	1	All	Enabled
<input type="checkbox"/>	22	GE22	Hybrid	1	All	Enabled
<input type="checkbox"/>	23	GE23	Hybrid	1	All	Enabled
<input type="checkbox"/>	24	GE24	Hybrid	1	All	Enabled
<input type="checkbox"/>	25	LAG1	Trunk	1	All	Enabled
<input type="checkbox"/>	26	LAG2	Trunk	1	All	Enabled
<input type="checkbox"/>	27	LAG3	Trunk	1	All	Enabled
<input type="checkbox"/>	28	LAG4	Trunk	1	All	Enabled
<input type="checkbox"/>	29	LAG5	Trunk	1	All	Enabled
<input type="checkbox"/>	30	LAG6	Trunk	1	All	Enabled
<input type="checkbox"/>	31	LAG7	Trunk	1	All	Enabled
<input type="checkbox"/>	32	LAG8	Trunk	1	All	Enabled

Edit

[步驟 6] 將第 2 Port 的 VLAN ID 設定為 2，請依照下面畫面操作。

VLAN > VLAN > Membership

Edit Port Setting

Port: GE2

Mode:  Hybrid  
 Access  
 Trunk

PVID: 2 (1 - 4094)

Accept Frame Type:  All  
 Tag Only  
 Untag Only

Ingress Filtering:  Enable

Apply Close

[步驟 7] 依序將每個 Port 的 VLAN ID 都設定好之後，就會看到如下的 Port 設定狀態表。

VLAN > VLAN > Port Setting

Port Setting Table

Entry	Port	Mode	PVID	Accept Frame Type	Ingress Filtering
<input type="checkbox"/>	1	GE1	Hybrid	1 All	Enabled
<input type="checkbox"/>	2	GE2	Hybrid	2 All	Enabled
<input type="checkbox"/>	3	GE3	Hybrid	3 All	Enabled
<input type="checkbox"/>	4	GE4	Hybrid	4 All	Enabled
<input type="checkbox"/>	5	GE5	Hybrid	5 All	Enabled
<input type="checkbox"/>	6	GE6	Hybrid	6 All	Enabled
<input type="checkbox"/>	7	GE7	Hybrid	7 All	Enabled
<input type="checkbox"/>	8	GE8	Hybrid	8 All	Enabled
<input type="checkbox"/>	9	GE9	Hybrid	9 All	Enabled
<input type="checkbox"/>	10	GE10	Hybrid	10 All	Enabled
<input type="checkbox"/>	11	GE11	Hybrid	11 All	Enabled
<input type="checkbox"/>	12	GE12	Hybrid	12 All	Enabled
<input type="checkbox"/>	13	GE13	Hybrid	13 All	Enabled
<input type="checkbox"/>	14	GE14	Hybrid	14 All	Enabled
<input type="checkbox"/>	15	GE15	Hybrid	15 All	Enabled
<input type="checkbox"/>	16	GE16	Hybrid	16 All	Enabled
<input type="checkbox"/>	17	GE17	Hybrid	17 All	Enabled
<input type="checkbox"/>	18	GE18	Hybrid	18 All	Enabled
<input type="checkbox"/>	19	GE19	Hybrid	19 All	Enabled
<input type="checkbox"/>	20	GE20	Hybrid	20 All	Enabled
<input type="checkbox"/>	21	GE21	Hybrid	21 All	Enabled
<input type="checkbox"/>	22	GE22	Hybrid	22 All	Enabled
<input type="checkbox"/>	23	GE23	Hybrid	23 All	Enabled
<input type="checkbox"/>	24	GE24	Hybrid	24 All	Enabled
<input type="checkbox"/>	25	LAG1	Trunk	1 All	Enabled
<input type="checkbox"/>	26	LAG2	Trunk	1 All	Enabled
<input type="checkbox"/>	27	LAG3	Trunk	1 All	Enabled
<input type="checkbox"/>	28	LAG4	Trunk	1 All	Enabled
<input type="checkbox"/>	29	LAG5	Trunk	1 All	Enabled
<input type="checkbox"/>	30	LAG6	Trunk	1 All	Enabled
<input type="checkbox"/>	31	LAG7	Trunk	1 All	Enabled
<input type="checkbox"/>	32	LAG8	Trunk	1 All	Enabled

Edit

[步驟 8] 接下來設定 VLAN 成員，首先設定 VLAN2(第 2 孔)，請依照下面畫面操作。

VLAN > VLAN > VLAN Configuration

VLAN Configuration Table

VLAN: VLAN0002

Entry	Port	Mode	Membership				PVID
1	GE1	Hybrid	<input type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input type="checkbox"/>
2	GE2	Hybrid	<input type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input checked="" type="checkbox"/>
3	GE3	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
4	GE4	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
5	GE5	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
6	GE6	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
7	GE7	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
8	GE8	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
9	GE9	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
10	GE10	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
11	GE11	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
12	GE12	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
13	GE13	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
14	GE14	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
15	GE15	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
16	GE16	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
17	GE17	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
18	GE18	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
19	GE19	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
20	GE20	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
21	GE21	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
22	GE22	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
23	GE23	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
24	GE24	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
25	LAG1	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
26	LAG2	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
27	LAG3	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
28	LAG4	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
29	LAG5	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
30	LAG6	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
31	LAG7	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
32	LAG8	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>

5. Apply

**[步驟 9]** 接著設定 VLAN3(第 3 孔)的成員，請依照下面畫面操作。

**PS：**依照步驟 9 的設定方式，請依序完成第 4-24 孔的 VLAN 成員設定。

VLAN Configuration Table

Entry	Port	Mode	Membership				PVID
1	GE1	Hybrid	<input type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input type="checkbox"/>
2	GE2	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
3	GE3	Hybrid	<input type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input checked="" type="checkbox"/>
4	GE4	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
5	GE5	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
6	GE6	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
7	GE7	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
8	GE8	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
9	GE9	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
10	GE10	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
11	GE11	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
12	GE12	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
13	GE13	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
14	GE14	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
15	GE15	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
16	GE16	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
17	GE17	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
18	GE18	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
19	GE19	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
20	GE20	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
21	GE21	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
22	GE22	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
23	GE23	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
24	GE24	Hybrid	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
25	LAG1	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
26	LAG2	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
27	LAG3	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
28	LAG4	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
29	LAG5	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
30	LAG6	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
31	LAG7	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>
32	LAG8	Trunk	<input checked="" type="radio"/> Excluded	<input type="radio"/> Forbidden	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>

4. Apply

**[步驟 10]** 當所 VLAN 成員都設定好之後，請將設定資料儲存，請依照下面畫面操作。

1. Save | Logout | Reboot | Debug

VLAN Configuration Table

Save running configuration to startup configuration. Do you want to continue?

3. OK Cancel

以上就完成了 UBS-5324z Port 切 VALN(Multi TO 1)設定。