

4. RUSTLE 3124

4.1 VLAN

VLAN , Port VLAN ID 1(Default VLAN) , Por .N 가 .RUSTLE 3124S VLAN Port가 , VLAN
VLAN ,
Main Opt1 Opt2 916 1724 18 18
00000000 00000000
Por NN 7 RUSTLE 3124S VLAN Port7 , VLAN VLAN , I Main Opt1 Opt2 916 1724 18

Port Based VLAN

Default VLAN 3 VLAN VLAN 1-8, 9-16, 17-24 Port .

Step 1. VLAN 2, 3

vlan add <vlan_id>

SWITCH(config)>> vlan add 2 SWITCH(config)>> vlan add 3





Step 2. Step 1

VLAN Port

vport add <vlan_id> <main|opt1|opt2> <port_num>

SWITCH(config)>> vport add 2 main 9,10,11,12,13,14,15,16 SWITCH(config)>> vport add 3 main 17-24

Port

Comma(,) Hyphen(-)

Step 3. Step 2

VLAN

Port

Switch Port

swport vlanid <main|opt1|opt2> <port_num> <vlan_id>

SWITCH(config)>> swport vlanid main 9-16 2 SWITCH(config)>> swport vlanid main 17-24 3

Step 4. Default VLAN(VLAN ID 1)

Port

vport del <vlan_id> <main|opt1|opt2> <port_num>

SWITCH(config)>> vport del 1 main 9-24

VLAN Port

Port

VLAN

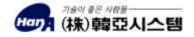
, Switch Port

Step 5. VLAN

show vlan all

SWITCH(co	nfig)>> s	how vlan al	I			
VLAN ID	Group	18	Main 916	1724	Opt1 18	Opt2 18
1	0	00000000				
2	0		00000000)		
3	0			00000000		
1010	0					

VLAN 1, 2, 3 VLAN 가 **Broadcast Domain**





VLAN

RUSTLE 3124 VLAN Port가
VLAN . VLAN VLAN
Port .
VLAN 3 Port(17~24 Port) VLAN 2 , VLAN
3 .

Step 1. VLAN 3 Port Port Based VLAN Step 2~3 Port VLAN 2 가 .

SWITCH(config)>> vport add 2 main 17-24 SWITCH(config)>> swport vlanid main 17-24 2

Step 2. VLAN 3 Port

vport del <vlan_id> <main|opt1|opt2> <port_num>

SWITCH(config)>> vport del 3 main 17-24

Step 3. VLAN 3

vlan del <vlan_id>

SWITCH(config)>> vlan del 3

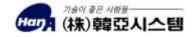
Step 4. VLAN

SWITCH(config)>> show vlan all

Main Opt1 Opt2

VLAN ID Group 1....8 9...16 17...24 1.....8 1.....8

1 0 00000000
2 0 00000000 00000000
1010 0 ------





VLAN

Default VLAN 4 VLAN , VLAN 1 1-8, 24, VLAN 2 9-16, 24, VLAN 3 17-24 Port 24 Port Port . VLAN (VLAN

4), Port VLAN

Step 1. Switching mode basic mode

SWITCH(config)>> mode basic Mode changed Basic ... Now reboot

VLAN switching mode basic mode reboot . tag mode

Step 2. VLAN 2-4

SWITCH(config)>> vlan add 2 SWITCH(config)>> vlan add 3 SWITCH(config)>> vlan add 4

Step 3. VLAN Port

SWITCH(config)>> vport add 2 main 9-16, 24 SWITCH(config)>> vport add 3 main 17-24 SWITCH(config)>> vport add 4 main 1-24

VLAN VLAN 4 VLAN Port

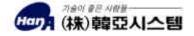
Step 4. VLAN Port Switch Port

SWITCH(config)>> swport vlanid main 9-16 2 SWITCH(config)>> swport vlanid main 17-23 3 SWITCH(config)>> swport vlanid main 24 4

Port 24 Port VLAN 4 VLAN 4 Switch Port .

Step 5. VLAN 1 VLAN 2, 3 Port . (Port)

 $SWITCH(config) >> vport \ del \ 1 \ main \ 9 - 23$





Step 6. Switching mode VLAN

SWITCH(co Start switch	•	
SWITCH(co	nfig)>> s	show vlan all
VLAN ID	Group	Main Opt1 Opt2 18 916 1724 18 18
1	0	00000000
2	0	00000000 0
3	0	00000000000
4	0	0000000 0000000 00000000
1010	0	-

VLAN 1-3Broadcast DomainNetworkIPプト, VLAN 4VLANIPプト.