

How to configure G.8032 on Case G. Series Switches

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A. Single-Ring Configuration

- 1. Form SW1 SW4 into a single ring through ERPS.
- 2. Users can ping SW1-SW4 from a PC, they can also ping them if Ring is disconnected.



3. Set the IP Address of SW1-SW4 as (192.168.2.1) - (192.168.2.4), and set the ports to trunk port, which are to be used to connect with the ring.

►Information & Status ►MLD Snooping	IP Config	juratio	n									
▶DHCP	Mode	H	ost 💌									
▶Security	DNS Serv	er 0 N	lo DNS serv	ver	•							
▶QoS	DNS Serv	er 1 N	lo DNS serv	ver	•							
 Network Admin 	DNS Serv	er 2 N	lo DNS serv	ver	•							
= IP	DNS Serv	er 3 N	lo DNS serv	ver	•							
= NIP = Timezone	DNS Prox	y 🛛										
►SNMP ■ SysLog	IP Interfa	ces										
▶Port Configure				DHCPv4		IPv4			DHCPv6		IPv6	
	Delete	VLAN		E-marketer	Current	A	Mask	Enchie	Rapid	Current	Addross	Mask
PoE			Enable	гапраск	Lease	Address	Length	Enable	Commit	Lease	Address	Length
PoE ▼Advanced Configure		1	Enable	0	Lesse	192. 168. 2. 2	24		Commit	Lease	Address	Length
 ▶PoE ★Advanced Configure ▶Security Configure 		1	Enable	0	l esse	192. 168. 2. 2	24		Commit	Lease	Autress	Length
 PoE Advanced Configure Security Configure QoS Configure 	Add Inter	1 rface		0		192. 168. 2. 2	24		Commit	Lease	Address	Length
Advanced Configure Security Configure QoS Configure Diagnostics	Add Inter	1 rface S		0	<u> </u>	192. 168. 2. 2	24		Commit	Lease	Autress	Length
 PoE Advanced Configure Security Configure QoS Configure Diagnostics Maintenance 	Add Inter IP Route: Delete	1 rface S Networ	rk Mask	Length G	l esse	192. 168. 2. 2	24		Commit	Lease	AUUIESS	Length
POE →Advanced Configure >Security Configure ↓QoS Configure >Diagnostics Maintenance	Add Inter IP Routes Delete	1 cface S Networ	rk Mask	Length G	ateway Ne	192.168.2.2	24		Commit	Lease	Audress	Length



 Information & Status MLD Snooping >DHCP >Security >QoS ▼Network Admin 	Globa Allow Ethern Port V	I VLAN C ed Access type for Cu /LAN Con	onfigur VLANs stom S-p figurati	ation orts 1 88A8 ion			-		
Port Configure PoF	Port	Mode	Port VLAN	Port Type	Ingress Filtering	Ingress Acceptance	Egress Tagging	Allowed VLANs	Forbidden VLANs
Advanced Configure	*	♦ 🔻	1	\diamond	- 7	<	<> ▼	1	
- MAC Table	1	Access 💌	1	C-Port	▼	Tagged and Untagged 💌	Untag All 💌	1	
Ethernet Services	2	Access 💌	1	C-Port	- V	Tagged and Untagged 🔻	Untag All 🔻	1	
MLANS	3	Access 💌	1	C-Port	▼	Tagged and Untagged 🕶	Untag All 👻	1	
Port Isolation	4	Access 💌	1	C-Port	- 7	Tagged and Untagged -	Untag All 💌	1	
 Loop Protection 	5	Access 🔻	1	C-Port	- V	Tagged and Untagged -	Untag All 🔻	1	
Spanning Tree	6	Access 💌	1	C-Port	- V	Tagged and Untagged -	Untag All 👻	1	
►IPMC Profile	7	Trunk 💌	1	C-Port	▼	Tagged and Untagged 🔻	Untag Port VLAN 💌	1-4095	
• ERPS	8	Trunk 💌	1	C-Port	- V	Tagged and Untagged -	Untag Port VLAN 💌	1-4095	
IGMP Snooping	9	Access 💌	1	C-Port	▼	Tagged and Untagged ¥	Untag All 💌	1	
▶IPV6 MLD Snooping	10	Access 🔻	1	C-Port	- U	Tagged and Untagged	Untag All	1	

- 4. Set SW1 as Ring1, the type of ring is Major.
- 5. Set control VLAN as 3002. Enable APS Protocol in MEP, the type is R-APS.
- 6. Set Port 7 as the East port, Port 8 as the West port. Port 8 is as the owner.







7. Set SW2-SW4 as Ring1, the type of Ring is Major. Set control VLAN to 3002.

8. Enable APS Protocol in MEP, the type is R-APS.

9. Set Port 7 as the East port, Port 8 as the West port.

10. The difference in the configuration of Port 8 in SW1, is there is **no need to** set port 8 on SW2-SW4 as the Owner.

 ►Information & Status ►MLD Snooping ►DHCP 	Rapid Ring Configuration 1 Auto-ref Instance Data Auto-ref	fre
► <u>Security</u>	Ring ID East Port West Port East Port SF MEP West Port SF MEP East Port APS MEP West Port APS MEP Ring ID East Port APS MEP East Port APS MEP Ring ID East Port APS MEP East Port APS MEP Ring ID East Port APS MEP East Port APS MEP Ring ID East	nç
▼Network Admin	1 7 8 7 8 7 8 Ma	ajc
Port Configure	Instance Configuration	
▶PoE	Configured WTR(Wait to Restore) Time Revertive VLAN config	
✓Advanced Configure	1min 🔽 🛛 VLAN Config	
 MAC Table Ethernet Services 	RPL Configuration	
■ VLANs ▶ Port Isolation ■ Loop Protection	RPL Role RPL Port Clear None None Image: Clear	
Spanning Tree	Instance State	
IPMC Profile MEP ERPS	Protection East West Transmit East Port West Port WTR RPL Un- No APS East Port State Port Port APS East Port Receive Remaining blocked Received Receive	W



B. Coupling-Ring Configuration

1. Form SW1 - SW7 into a coupling ring through ERPS, Users can ping SW1-SW7 from the PC, and they can also ping them if Ring is disconnected.



2. Set the IP of SW1-SW7 to (192.168.2.1) - (192.168.2.7), and set the ports used to connect the switches into trunk ports.



HINFORMATION & Status MLD Snooping HOHCP Security PQoS Network Admin IIP NTP	IP Config Mode DNS Serv DNS Serv DNS Serv	guration Ver 0 No DN Ver 1 No DN Ver 3 No DN	S server S server S server S server	V V V							
Timezone SNMD	UNS Prop	ку									
SysLog	IP Interfa	aces									
▶ Port Configure	Dalata			DHCPv4		IPv4		DHCPv6	Current int	IP	/6
PoE	Delete	VLAN En	able Fa	allback Lea	Addr	ess Length	Enabl	e Commit	Lease	Address	Length
Advanced Configure		1	0		192.168.2	. 2 24					
Security Configure	Add Teta										
▶QoS Configure	Add Inte	liace									
▶Diagnostics	IP Route	S									
Maintenance	Delete	Network	Mask Lei	ngth Gateway	Next Hop VI	AN					
	Add Rout	e									
		<u> </u>									
	Save	Reset									
Enformation & Status											
►MLD Snooping	Globa	I VLAN C	onfigur	ation							
▶DHCP	Allow	ed Access	VLANs	1							
►Security	Ether	type for Cu	stom S-p	orts 88A8				1			
▶QoS	Port \		figurati	on				_			
Network Admin	TOIL		ngurau	011							
→Port Configure	Port	Mode	Port	Port Type	Ingress	Ingress		Egress		Allowed	Forbidden
POE		\diamond	1	\diamond			<u>ve</u>		▼ 1	VLAN3	VLANS
 Advanced Configure 	1	Access 👻	1	C-Port	- 7	Tagged and Unta	agged 🔽	Untag All	▼ 1		
 MAC Table Ethernet Services 	2	Access 💌	1	C-Port	- V	Tagged and Unta	agged 👻	Untag All	- 1		
• MLANS	3	Access 💌	1	C-Port	- V	Tagged and Unta	agged 👻	Untag All	- 1		
Port Isolation	4	Access 💌	1	C-Port	- V	Tagged and Unta	agged 🔻	Untag All	- 1		
 Loop Protection 	5	Access 💌	1	C-Port	▼	Tagged and Unta	agged 🔻	Untag All	× 1		
Spanning Tree	6	Access 💌	1	C-Port	-	Tagged and Unta	agged 🖵	lintag All	- 1		
MEP	7	Trunk 💌	1	C-Port	▼	Tagged and Unta	agge l 💌	Untag Port VL	AN 💌 1-4	095	
• ERPS	8	Trunk 💌	1	C-Port	▼	Tagged and Unta	aggel 👻	Untag Port VL	AN 💌 1-4	095	
IGMP Snooping	9	Trunk 💌	1	C-Port	▼ √	Tagged and Unta	aggel 🔻	Untag Port VL	AN ▼ 1-4	095	
▶IPV6 MLD Snooping	10	Trunk 💌	1	C-Port	▼ ✓	Tagged and Unta	aggel 🔻	Untag Port VL	AN 💌 1-4	095	
• LLUP											

- 3. Set SW1 as Ring1, the type is Major, and set control VLAN to 3002.
- 4. Enable APS Protocol in MEP, the type is R-APS.
- 5. Set Port 7 as the East port, Port 8 as the West port. Port 8 is the owner. Add VLAN 3003 to protect Ring1 from messages from Ring2.











6. Set SW2 as Ring1, the type of Ring is Major.

7. Set control VLAN to 3002. Set Port 7 as the East port, Port 8 as the West port.

8. Add VLAN 3003 to protect Ring1 from message from Ring2. The configuration of MEP is same with step 3.







►Information & Status ►MLD Snooping	Rapid Ring VLAN Configuration 1
▶DHCP	Delete VLAN ID
▶ Security	
▶QoS	3003
✓Network Admin	
▶Port Configure	Add New Entry Back
▶PoE	Save Reset
Advanced Configure	
MAC Table	
Ethernet Services	
VLANs	
Port Isolation	
 Loop Protection 	
Spanning Tree	
IPMC Profile	
MEP	
ERFS	
NEV6 MLD Spooping	
IL DP	
✓Security Configure	
▶QoS Configure	
▶Diagnostics	
Maintenance	
mantenance	

9. Set port 7-8 of SW3 as Ring1, the type is Major.

10. Set control VLAN to 3002. Set Port 7 as the East port, Port 8 as the West port.

11. Add VLAN 3003 to protect Ring1 from messages from Ring2.

12. Set port 9-10 of SW3 as Ring2, the type is Major.

13. Set control VLAN as 3003. And set Port 9 as the East port, Port 10 as the West port.

14. Add VLAN 3002 to protect Ring 2 from messages from Ring1. Click Interconnected Node for RING1 and RING2.

RING1:

►Information & Status ►MLD Snooping	Ма	intenan	ce Er	ntity Point								Ref
►DHCP	De	elete In	stanc	e Domain	Mode	Direction	Residence Port	Level	Flow Instance	Tagged VIE) This MAC	Alarm
▶Security			Z	Port	Mep	Down	7	0		3002	9A-86-03-3B-58-08	
▶QoS			<u>8</u>	Port	Mep	Down	8	0		3002	9A-86-03-3B-58-09	
Network Admin			9	Port	Мер	Down	9	0		3003	9A-86-03-3B-58-0A	
					_							
▶PoE	Ad	ld New MEI	P [Save Rese	t							
 Advanced Configure 												
 MAC Table Ethernet Services 												
 VLANs 												
Port Isolation												
 Loop Protection 												
Spanning Tree												
MEF ERPS												
►IGMP Snooping												
▶IPV6 MLD Snooping												
 LLDP 												
▶Security Configure												
▶QoS Configure												
▶Diagnostics												
Maintenance												







RING2:





15. Same configuration with SW3 for SW4.

16. The difference is the requirement to set port 9 as the owner.



► Information & Status	Rapid Ring Configuration 2
DHCP	Instance Data
▶ Security	Ring ID East Port West Port East Port SF MEP West Port SF MEP East Port APS MEP West Port APS MEP Ring Type
Notwork Admin	2 9 0 9 0 9 0 Sub Ring
▶Port Configure	Instance Configuration
▶PoE	Configured WTR(Wait to Restore) Time Revertive VLAN config
Advanced Configure	Imin VLAN Config
MAC Table Ethernet Services	RPL Configuration
VLANs Port Isolation	RPL Role RPL Port Clear RPL_Owner East Port
 Loop Protection Spanning Tree 	Sub Ring Configuration
IPMC Profile MEP	Ring Type Topology Change
ERPS MGMP Seconing	Sub King V
►IPV6 MLD Snooping	Instance State
LLDP Security Configure	Protection State East Port West Port Transmit APS East Port APS West Port Receive APS WTR Remaining RPL Un- blocked No APS Received East Port Block FOP Block Variation APS APS APS APS Remaining No APS East Port Received Block Block Alarm
VQ05 Configure	Idle OK OK NR RB BPR0 0 Blocked Unblocked
►Diagnostics ►Maintenance	Save Reset

17. Set SW5 as Ring 2, the type is Sub, and set control VLAN as 3003. Set Port 9 as the East port, Port 10 as the West port. Add VLAN 3002 to protect Ring2 from messages from Ring1. Configuration of MEP is same with Step 3.







17. Configuration of SW6 & SW7 is same with SW5.

18. Test the configuration result. Users can ping SW1-SW7 from a PC, they can also ping them if the ring is disconnected.



C. Intersecting-ring Configuration

1. Form SW1 - SW9 to an intersecting ring through ERPS. Users can ping SW1-SW9 from the PC, and can also ping them if Ring is disconnected.



2. Set the IP of SW1-SW9 as (192.168.2.1) - (192.168.2.9), and set the ports used to connect the switches into a ring to trunk port.

►Information & Status ►MLD Snooping	IP Confi	guratio	on									
▶DHCP	Mode	1	Host 💌									
▶ Security	DNS Ser	ver 0	No DNS ser	ver	•							
▶QoS	DNS Ser	ver 1	No DNS ser	ver	•							
Network Admin	DNS Ser	ver 2	No DNS ser	ver	•							
= IP	DNS Ser	ver 3	No DNS ser	ver	•							
• NTP	DNS Pro	xy										
Innezone ▶SNMP	IP Interf	2000										
 SysLog 		aces	_									
Port Configure				DHCPv4	-	IPv4			DHCPv6	-	IPv6	
▶PoE	Delete	VLAN	Enable	Fallback	Lease	Address	Mask Length	Enable	Commit	Current Lease	Address	Mask Length
 Advanced Configure 		1		0		192. 168. 2. 2	24					
Security Configure												
▶QoS Configure	Add Inte	erface										
▶Diagnostics	IP Route	es										
▶ Maintenance	Delete	Netwo	rk Mask	Length	ateway Ne	ext Hop VLAN						
	Add Rou	te										
	Save	Reset										



▶Information & Status ▶MLD Snooping	Globa	I VLAN C	Configu	ration					
►DHCP	Allow	ed Access	VLANs	1					
► Security	Ether	type for Cu	istom S-	ports 88A8					
▶QoS									
Network Admin	Port V	LAN Co	nfigurat	ion					
	Dent	Mada	Port	Dant Turna	Ingress	Ingress	Egress	Allowed	Forbidden
▶PoE	Pon	Wode	VLAN	Port Type	Filtering	Acceptance	Tagging	VLANs	VLANs
▼Advanced Configure	*	<> ▼	1	<	V	<> ▼	<	1	
- MAC Table	1	Access 💌	1	C-Port -	\checkmark	Tagged and Untagged 💌	Untag All 🔻	1	
Ethernet Services	2	Access 💌] 1	C-Port 💌	V	Tagged and Untagged 💌	Untag All 💌	1	
MLANs	3	Access 💌	1	C-Port 💌	1	Tagged and Untagged 💌	Untag All 💌	1	
Port Isolation	4	Access 💌	1	C-Port -	V	Tagged and Untagged 💌	Untag All 💌	1	
 Loop Protection 	5	Access 💌	1	C-Port 💌	V	Tagged and Untagged -	Untag All 🔻	1	
Spanning Tree	6	Access 💌	1	C-Port 🔻	V	Tagged and Untagged	Untag All		
▶IPMC Profile	7	Trunk 🔻	1 1	C-Port V		Tagged and Untagged -	Untag Port VLAN 💌	1-4095	
• MEP	8	Trunk 💌	1 1	C-Port v		Tagged and Untagged	Untag Port VLAN	1-4095	
IGMP Snooping	9	Trunk	1	C-Port ×		Tagged and Untagged	Untag Port VIAN	1-4095	
▶IPV6 MLD Snooping	10	Trunk -		C-Port		Tagged and Untagged	Unter Port VLAN	1-4005	
• LLDP	10	II unit	1	0 1010		Taggeu anu Dittagget	oncag fort vEAN	1 4000	
▶Security Configure	Save	Reset							

- 3. Set SW1 as Ring1, the type is Major.
- 4. Set control VLAN as 3002. Enable APS Protocol in MEP, the type is R-APS.
- 5. Set Port 7 as the East port, and Port 8 as the West port.
- 6. Set Port 8 as the owner.
- 7. Add VLAN 3003 & 3004 to protect Ring1 from message from Ring 2 & Ring3.

►Information & Status	Mainten	ance Enti	tv Point								Re
MLD Snooping								-	-		1.4.
DHCP	Delete	Instance	Domain	Mode	Direction	Residence Port	Level	Flow Instance	Tagged VID	Inis MAC	Alarm
> Security		Ĺ	Port	Мер	Down	1	U		3002	9A-86-03-3B-69-08	
=Notwork Admin		<u>8</u>	Port	Мер	Down	8	0		3002	9A-86-03-3B-69-09	
*Network Admin	Add New	MED	Rear								
Port Configure	Add New	MEP	ave Rese	τ							
PoE											
 Advanced Configure 											
 MAC Table 											
Ethernet Services									vlan		
VLANs											
Port isolation											
Spanning Tree											
►IPMC Profile											
• MER											
 ERPS 											
►IGMP Snooping											
▶IPV6 MLD Snooping											
 LLDP 											
 Security Configure 											
▶QoS Configure											
▶Diagnostics											
Maintenance											
maintenance											









8. Configuration of SW2 is same with SW1.

9. Set port 7-8 of SW3 as Ring1, the type is Major. Set control VLAN as 3002.

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10. Set Port 7 as the East port.

11. Add VLAN 3003 & 3004 to protect Ring1 from message from Ring 2 & Ring3.

12. Set port 9-10 of SW3 to Ring 2, the type is Major, and set control VLAN as 3003.

13. Set Port 9 as the East port

14. Set Port 10 as the West port. Add VLAN 3002 & 3004 to protect Ring 2 from message from Ring 1 & Ring3.



MLD Snooping	Maintena	ance Entity	Point								Ret
DHCP	Delete	Instance	Domain	Mode [Direction	Residence Port	Level	Flow Instance	Tagged VID	This MAC	Alarm
Security		Z	Port	Мер	Down	7	0		3002	9A-86-03-3B-58-08	
Qo S		8	Port	Мер	Down	8	0		3002	9A-86-03-3B-58-09	
letwork Admin		9	Port	Мер	Down	9	0		3003	9A-86-03-3B-58-0A	
Port Configure		10	Port	Мер	Down	10	0		3003	9A-86-03-3B-58-0B	•
юE				7							
dvanced Configure	Add New 1	MEP Save	Reset								
MAC Table											
Ethernet Services											
Port Isolation											
Loop Protection											
Spanning Tree											
►IPMC Profile											
• ERPS											
►IGMP Snooping	1										
Notormation & Status											
MLD Snooping	Ett	nernet Ra	pid Ring	g Prote	ction Sw	vitching			de Meleo		
DHCP		elete Rin		ast Port	vvesti	ort Ring Ty	be Int	erconnected No	ode Iviajor		1
►Security			1	1	8	Major		No		1	
▶QoS			2	9	10	Major		No		2	
Network Admin		11 M D'	<u> </u>			-					
Port Configure	AC	id New King	Group	Save	Reset						
DoE											
Advanced Configu	ire										
 MAC Table Ethernet Services 											
Etnernet Services											
VLANS Port Isolation											
Loop Protection											
Spanning Tree											
▶IPMC Profile											
MEP											
MEP ERPS											
MEP ERPS											
•MEP •ERPS NG1:											
•MEP •ERPS NG1:	1										
• MEP • ERPS NG1: Information & Status	Parid Bi	- Canfin									
• MEP • ERPS NG1: Information & Status MLD Snooping	Rapid Rin	ng Configu	ration 1							Auto-refresh	Refresh
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP	Rapid Rin Instance	ng Configui Data	ration 1							Auto-refresh	Refresh
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security Ocs	Rapid Rin Instance Ring ID	ng Configui Data East Port	ration 1 West Por	t East F	Port SF ME	P West Port SF	MEP E	ast Port APS MER	P West Port /	Auto-refresh	Refresh
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security QoS Vectwork Admin	Rapid Rin Instance Ring ID 1	ng Configur Data East Port 7	ration 1 West Por 8	t East F	Port SF ME	P West Port SF 8	MEP E	ast Port APS MER 7	• West Port A	Auto-refresh E APS MEP Ring Typ Major Rin	Refresh 9
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security QoS Vetwork Admin Port Configure	Rapid Rin Instance Ring ID 1 Instance	ng Configur Data East Port 7 Configurati	ration 1 <u>West Por</u> 8	t East F	Port SF ME	P West Port SF 8	MEP E	East Port APS MER 7	P West Port. 8	Auto-refresh APS MEP Ring Typ Major Rin	Refresh 9
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security QoS Network Admin Port Configure PorE	Rapid Rin Instance Ring ID 1 Instance	ng Configur Data T Configurat	ration 1 West Por 8 ion	t East F	Port SF ME 7	P West Port SF 8	MEP E	ast Port APS MER 7	P West Port. 8	Auto-refresh E APS MEP Ring Typ Major Rin	Refresh 9
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Secury Quety Network Admin Port Configure POE Advanced Configure	Rapid Rin Instance Ring ID 1 Instance Configur	ng Configur Data East Port 7 Configurati ed WTR(M	ration 1 West Por 8 Jon Juni V	t East F	Port SF ME 7 ne Revert	P West Port SF 8 ive VLAN confi	MEP E	ast Port APS MEP 7	• West Port 8	Auto-refresh E APS MEP Ring Typ Major Rin	Refresh 9
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP - Security - QoS Network Admin Port Configure PoE Advanced Configure • MACT Table	Rapid Rin Instance Ring ID 1 Instance Configur	ng Configur Data East Port 7 Configurati ed WTR(W	ration 1 8 ion (ait to Res 1min •	t East F itore) Tim	Port SF ME 7 ne Revert	P West Port SF 8 ive VLAN confi VLAN Config	MEP E	tast Port APS MER 7	9 West Port . 8	Auto-refresh APS MEP Ring Typ Major Rin	Refresh De g
• MEP • ERPS Information & Status MLD Snooping -DHCP • Security -Qos Network Admin Port Configure PoE Advanced Configure • MAC Table • Ethemet Services	Rapid Rii Instance Ring ID 1 Instance Configur RPL Con	ng Configur Data T Configurati figuration	ration 1 8 ion <u>(ait to Res</u> 1min •	t East F tore) Tim	Port SF ME 7 Ie Revert I	P West Port SF 8 ive VLAN confi VLAN Config	MEP E	East Port APS MER 7	P West Port 8	Auto-refresh APS MEP Ring Typ Major Rin	Refresh De g
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security qos Network Admin Port Configure PoE Advanced Configure • Ethemet Services • VLANS	Rapid Rin Instance Ring ID 1 Instance Configur RPL Con	ng Configui Data East Port 1 7 Configurati figuration ole RPI	West Por 8 ion <u>/ait to Res</u> imin •	t East F tore) Tim	Port SF ME 7 Ie Revert I	P West Port SF 8 ive VLAN config VLAN Config	MEP E	East Port APS MEP 7	P West Port 8	Auto-refresh E APS MEP Ring Typ Major Rin	Refresh 9 g
• MEP • ERPS NG1: Information & Status MLD Snooping DHCP Security Qos Network Admin Port Configure POE Advanced Configure • Enternet Services • VLANS • Port Isolation • Long Protection	Rapid Rin Instance Ring ID 1 Instance Configur RPL Con RPL Con None	ng Configur Data East Port 7 Configurati red WTR(W figuration iole RPI Vone	Vest Por 8 ion /ait to Res 1min v	t East F tore) Tim	Port SF ME 7 ie Revert 7	P West Port SF 8 ive VLAN confi VLAN Config	MEP E	East Port APS MER 7	9 West Port. 8	Auto-refresh APS MEP Ring Typ Major Rin	Refresh 9
• MEP • ERPS NG1: MG1: MLD Snooping DHCP Security Qos Network Admin Port Configure POE Advanced Configure • MAC Table • Ethernet Services • VLANS • VLANS • VLANS • Spanning Tree	Rapid Rin Instance Ring ID 1 Instance Configur RPL Con None Instance	ng Configun Data T Configurati red WTR(W figuration ole RPI v None State	west Por 8 ion l≡in ▼ Port C ▼	t East F tore) Tim	Port SF ME 7 In Revert I	P West Port SF 8 ive VLAN confi VLAN Config	MEP E	ast Port APS MEP 7	9 West Port A 8	Auto-refresh E APS MEP Ring Typ Major Rin	Refresh 9

East Port Receive

West Port Receive

WTR

RPL Un-

No APS

East Port West Port FOP Block Block Alarm

MEP
 ERPS

Protection East West Transmit State Port Port APS





RING2:





- 15. Set Port 9-10 of SW5 as Ring2, the type is Major. Set control VLAN as 3003.
- 16. Set Port 9 as the East port, Port 10 as the West port.

17. Add VLAN 3002 & 3004 to protect Ring2 from messages from Ring1 & Ring3.

►Information & Status ►MLD Snooping	Rapid Ring Configu	ration 2							Auto	-refresh
DHCP	Instance Data									
▶ Security	Ring ID East Port	West Po	rt East P	ort SF MEP	West Port SF M	IEP East Po	ort APS MEP	West Port		Ring Ty
Network Admin	2 9	10		9	10		9	10)	Major Rir
▼Port Configure	Instance Configura	tion								
PoF	Configured WTR()	Vait to Rev	store) Tim	e Revertive	VI AN config	1				
✓Advanced Configure										
MAC Table	PPI Configuration		_			1				
Ethernet Services	KPE Configuration		_							
■ VLANS ▶Port Isolation	RPL Role RP	L Port C	Clear							
Loop Protection	None									
Spanning Tree	Instance State									
MEP	Brotaction East	West	Transmit	East Port	West Port		DDI Un		East Por	t We
• ERPS	State Port	Port	APS	Receive	Receive	Remaining	blocked	Received	Block	Blo
_										
►Information &	& Status									
MID Second	x Status	Rapio	d Ring	3 VLAN	Configur	ration 2				
MILD Shoopin	ig									
▶DHCP		Del	ete	VLAN I						
► Security					1					
▶QoS			_							
	tests.	Del	.ete	3002	2					
Network A	amin	Del	ete	3004	1					
→Port Confid	ure				<u> </u>					
10-E										
POE		Add	New En	try Ba	ack					
 Advanced 	Configure									
- MAC Table		Save Reset								
Fthernet R	en visco									
▶Etrieffiet 3	ervices									
 VLANs 										
▶Port Isolati	on									
Loop Prote	ection									
Spanning [*]	Tree									
▶IPMC Prof	ile									
- MED										
	1									
• ERPS	.									
IPMC Prof MEP ERPS IGMP Sno										

18. Configuration of SW4 is same as SW3.

19. Configuration of SW6-9 is same as SW5.