

# Quant

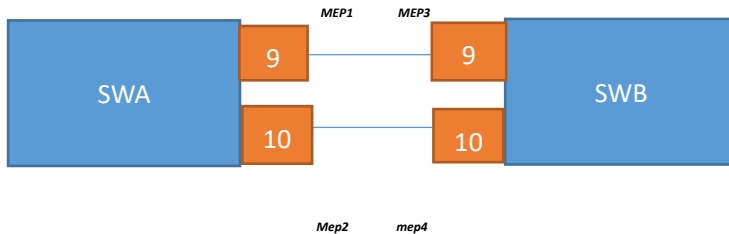
ELEVATING TECHNOLOGY

## ERPS Configuration



Q-M-4800-24P-L3-4S-V	Q-M-4800-48P-L3-4S-V	Q-IE-6600-28P-L3-4G-E	Q-IE-6600-48P-L3-4G-E
Q-EP-9300-24P-L3-4G	Q-EP-9300-48P-L3-4G	Q-IE-9600-24P-L3-4G-E	Q-IE-9600-48P-L3-4G-E

## 1.1. Test the Program



### 2. 1. SWA Configuration (interface mode)

```
interface GigabitEthernet 1/9-10
switchport hybrid port-type c-port
switchport mode hybrid
no lldp receive
no lldp transmit
no spanning-tree
```

*switch1:(Global mode)*

```
mep 9 down domain port flow 9 level 0 interface GigabitEthernet 1/9
```

```
mep 9 vid 3001
```

```
mep 9 peer-mep-id 3
```

```
mep 9 cc 0
```

```
mep 9 aps 0 raps
```

```
mep 10 down domain port flow 10 level 0 interface GigabitEthernet 1/10
```

```
mep 10 mep-id 2
```

```
mep 10 vid 3001
```

```
mep 10 peer-mep-id 4
```

```
mep 10 cc 0
```

```
mep 10 aps 0 raps
```

```
erps 1 major port0 interface GigabitEthernet 1/9 port1 interface GigabitEthernet 1/10
```

```
erps 1 mep port0 sf 9 aps 9 port1 sf 10 aps 10
```

```
erps 1 rpl owner port0
```

```
erps 1 vlan 1
```

### 1.2. SWB Configuration (interface mode)

```
interface GigabitEthernet 1/9-10
```

**switchport hybrid port-type c-port**

**switchport mode hybrid**

**no lldp receive**

**no lldp transmit**

**no spanning-tree**

**Global mode**

mep 9 down domain port flow 9 level 0 interface GigabitEthernet 1/9

mep 9 mep-id 3

mep 9 vid 3001

mep 9 peer-mep-id 1

mep 9 cc 0

mep 9 aps 0 raps

mep 10 down domain port flow 10 level 0 interface GigabitEthernet 1/10

mep 10 mep-id 4

mep 10 vid 3001

mep 10 peer-mep-id 2

mep 10 cc 0

mep 10 aps 0 raps

erps 1 major port0 interface GigabitEthernet 1/9 port1 interface GigabitEthernet 1/10

erps 1 mep port0 sf 9 aps 9 port1 sf 10 aps 10

erps 1 rpl neighbor port0

erps 1 vlan 1

## 2. 2. Results certification

### 1. In normal condition

ERPS Configuration 1

Instance Data

ERPS ID	Port 0	Port 1	Port 0 SF MEP	Port 1 SF MEP	Port 0 APS MEP	Port 1 APS MEP	Ring Type
1	9	10	9	10	9	10	Major Ring

Instance Configuration

Configured	Guard Time	WTR Time	Hold Off Time	Version	Revertive	VLAN config
<input checked="" type="checkbox"/>	500	1min	0	v2	<input checked="" type="checkbox"/>	VLAN Config

RPL Configuration

RPL Role	RPL Port	Clear
RPL_Owner	Port0	<input type="checkbox"/>

Instance Command

Command	Port
None	None

Instance State

Protection State	Port 0	Port 1	Transmit APS	Port 0 Receive APS	Port 1 Receive APS	WTR Remaining	RPL Un-blocked	No APS Received	Port 0 Block Status	Port 1 Block Status	FOP Alarm
Idle	OK	OK	NR RB BPR0			0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Blocked	Unblocked	<input checked="" type="checkbox"/>

Save | Reset

ERPS Configuration 1 Auto-ret

Instance Data

ERPS ID	Port 0	Port 1	Port 0 SF MEP	Port 1 SF MEP	Port 0 APS MEP	Port 1 APS MEP	Ring Type
1	9	10	9	10	9	10	Major Ring

Instance Configuration

Configured	Guard Time	WTR Time	Hold Off Time	Version	Revertive	VLAN Config
<input checked="" type="checkbox"/>	500	1min	0	v2	<input checked="" type="checkbox"/>	VLAN Config

RPL Configuration

RPL Role	RPL Port	Clear
RPL_Neighbour	Port0	<input type="checkbox"/>

Instance Command

Command	Port
None	None

SWB

Instance State

Protection State	Port 0	Port 1	Transmit APS	Port 0 Receive APS	Port 1 Receive APS	WTR Remaining	RPL Un-blocked	No APS Received	Port 0 Block Status	Port 1 Block Status	FOP Alarm
Idle	OK	OK		NR RB BPR0 02-00-C1-52-4F-6F	NR RB BPR0 02-00-C1-52-4F-6F	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Blocked	Unblocked	<input checked="" type="checkbox"/>

Save | Reset