

QinQ

, VLAN, S-tag (vlan id) -tag (vlan id). MES5448/MES7048 .

QinQ .

interface 1/0/1 vlan id 10-15 interface 1/0/9 . vlan id 21 vlan id 31, vlan id 22 vlan id 32. vlan id 23,24 vlan id 25

1) uni-p nni .

NNI - . UNI -

```
console(Config)# dot1ad mode nni 1/0/9
```

```
console(Config)# dot1ad mode uni-p 1/0/1
```

2) dot1ad service. dot1ad service *service name* svid *svid* e-lan nni *port list*

```
console(Config)# dot1ad service permit10 svid 10 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service permit11 svid 11 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service permit12 svid 12 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service permit13 svid 13 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service permit14 svid 14 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service permit15 svid 15 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service add25 svid 25 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service change21 svid 31 e-lan nni 1/0/9
```

```
console(Config)# dot1ad service change22 svid 32 e-lan nni 1/0/9
```

3) subscribe UNI dot1ad service.

- (vlan id 10-15) (remove-ctag)

- vlan id (vlan id 21-22) s-tag (vlan id 31-32) -tag

- c-tag (vlan id 23-24) s-tag (vlan id 25)

```
console(Interface 1/0/1)# subscribe permit10 permit10-port match cvid 10 remove-ctag
```

```
console(Interface 1/0/1)# subscribe permit11 permit11-port match cvid 11 remove-ctag
```

```
console(Interface 1/0/1)# subscribe permit12 permit12-port match cvid 12 remove-ctag
```

```
console(Interface 1/0/1)# subscribe permit13 permit13-port match cvid 13 remove-ctag
```

```
console(Interface 1/0/1)# subscribe permit14 permit14-port match cvid 14 remove-ctag
```

```
console(Interface 1/0/1)# subscribe permit15 permit15-port match cvid 15 remove-ctag
```

```
console(Interface 1/0/1)# subscribe add25 add23-25 match cvid 23
```

```
console(Interface 1/0/1)# subscribe add25 add24-25 match cvid 24
```

```
console(Interface 1/0/1)# subscribe change21 change21-port match cvid 21 remove-ctag
```

```
console(Interface 1/0/1)# subscribe change22 change22-port match cvid 22 remove-ctag
```

```
vlan database
vlan 10-40
exit
```

```
!
dot1ad mode nni 1/0/9
dot1ad mode uni-p 1/0/1
dot1ad service permit10 svid 10 e-lan nni 1/0/9
dot1ad service permit11 svid 11 e-lan nni 1/0/9
dot1ad service permit12 svid 12 e-lan nni 1/0/9
dot1ad service permit13 svid 13 e-lan nni 1/0/9
dot1ad service permit14 svid 14 e-lan nni 1/0/9
dot1ad service permit15 svid 15 e-lan nni 1/0/9
dot1ad service add25 svid 25 e-lan nni 1/0/9
dot1ad service change21 svid 31 e-lan nni 1/0/9
dot1ad service change22 svid 32 e-lan nni 1/0/9
```

```
interface 1/0/1
no shutdown
dot1ad mode uni-p
subscribe permit10 permit10-port match cvid 10 remove-ctag
subscribe permit11 permit11-port match cvid 11 remove-ctag
subscribe permit12 permit12-port match cvid 12 remove-ctag
subscribe permit13 permit13-port match cvid 13 remove-ctag
subscribe permit14 permit14-port match cvid 14 remove-ctag
subscribe permit15 permit15-port match cvid 15 remove-ctag
subscribe add25 add23-25 match cvid 23
subscribe add25 add24-25 match cvid 24
subscribe change21 change21-port match cvid 21 remove-ctag
subscribe change22 change22-port match cvid 22 remove-ctag
vlan acceptframe admituntaggedonly
vlan ingressfilter
vlan participation include 10-15,25,31-32
vlan tagging 10-15,25,31-32
exit
```

```
interface 1/0/9
no shutdown
dot1ad mode nni
vlan participation include 10-15,25,31-32
vlan tagging 10-15,25,31-32
mode dvlan-tunnel
exit
```