

Selective QinQ MES23xx/33xx/35xx/5324

VLAN (Customer VLAN) SPVLAN (Service Provider's VLAN), Customer VLAN, .
2 (), () VLAN:

1) , .

2) , , , -.

. Selective Q-in-Q .

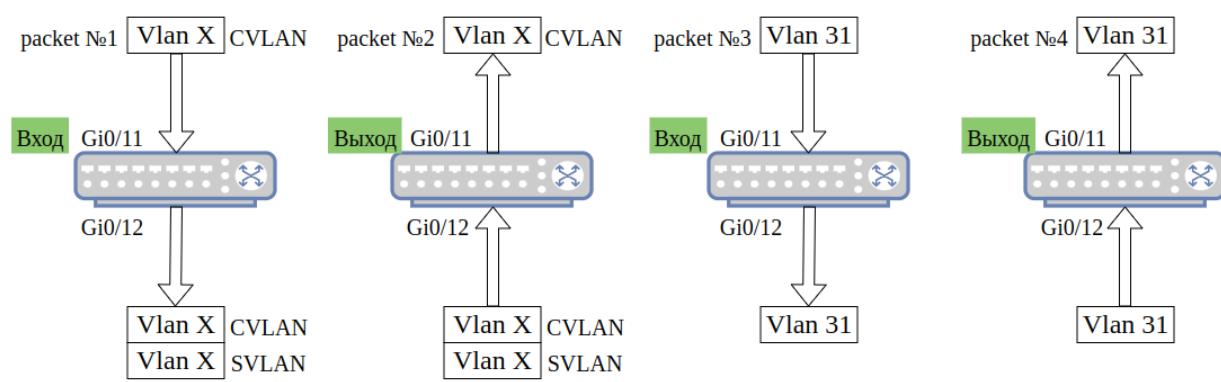
SQinQ

1): vlan 31 , , 11, 30.

:

```
interface gigabitethernet1/0/11
```

```
switchport mode general
switchport general allowed vlan add 31 tagged
switchport general allowed vlan add 30 untagged
selective-qinq list ingress permit ingress_vlan 31
selective-qinq list ingress add_vlan 30
exit
!
interface gigabitethernet1/0/12
switchport mode trunk
switchport trunk allowed vlan add 30-31
exit
```



Условные обозначения:

- X - любой VLAN, кроме 31
- При добавлении метки SVLAN является внешней, а CVLAN - внутренней

, , VLAN (VLAN X), 30 (SVLAN), : .

```
selective-qinq list ingress add_vlan 30 -      gi0/11 (" ",       ,       )
switchport general allowed vlan add 30 untagged -      gi0/11
vlan 31 ,  ():
switchport general allowed vlan add 31 tagged
selective-qinq list ingress permit ingress_vlan 31
```

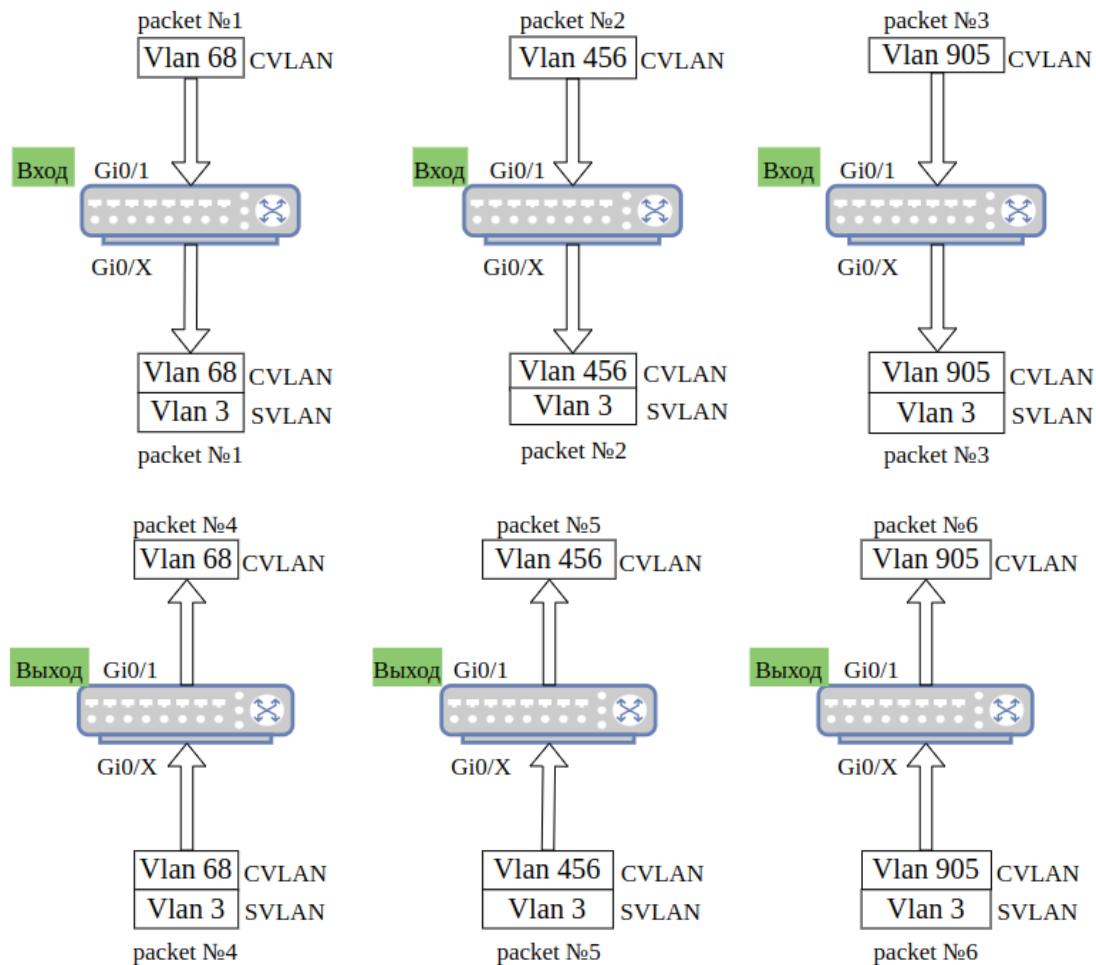
2): vlan 68,456,905 (CVLAN) 3 (SVLAN). vlan 234,324,657 (CVLAN) 4 (SVLAN).

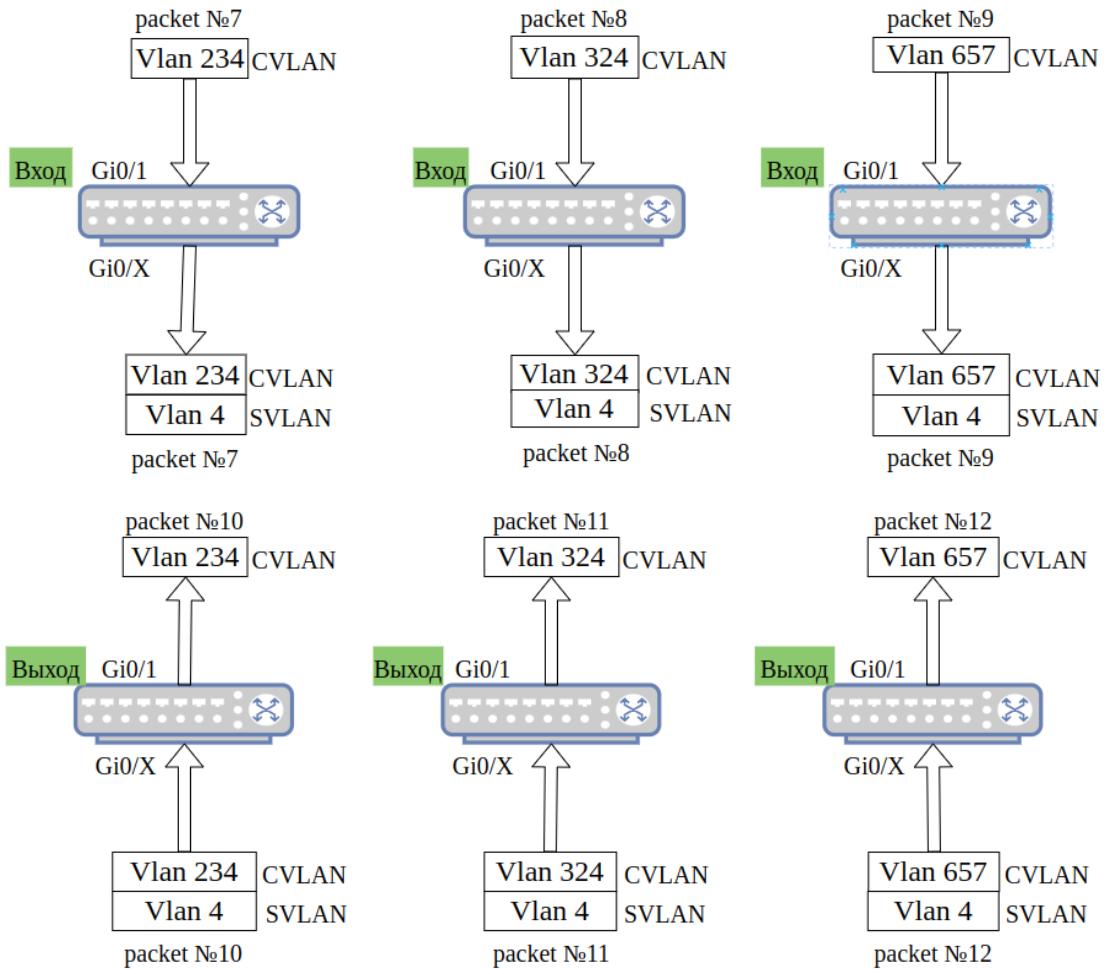
:

```

interface gigabitethernet 1/0/1
switchport mode general
switchport general allowed vlan add 3,4 untagged
selective-qinq list ingress add_vlan 3 ingress_vlan 68,456,905
selective-qinq list ingress add_vlan 4 ingress_vlan 234,324,657
exit

```





, CVLAN = 68, 456, 905 SVLAN = 3, :

```
selective-qinq list ingress add_vlan 3 ingress_vlan 68,456,905
```

, CVLAN = 234, 324, 657 SVLAN = 4, :

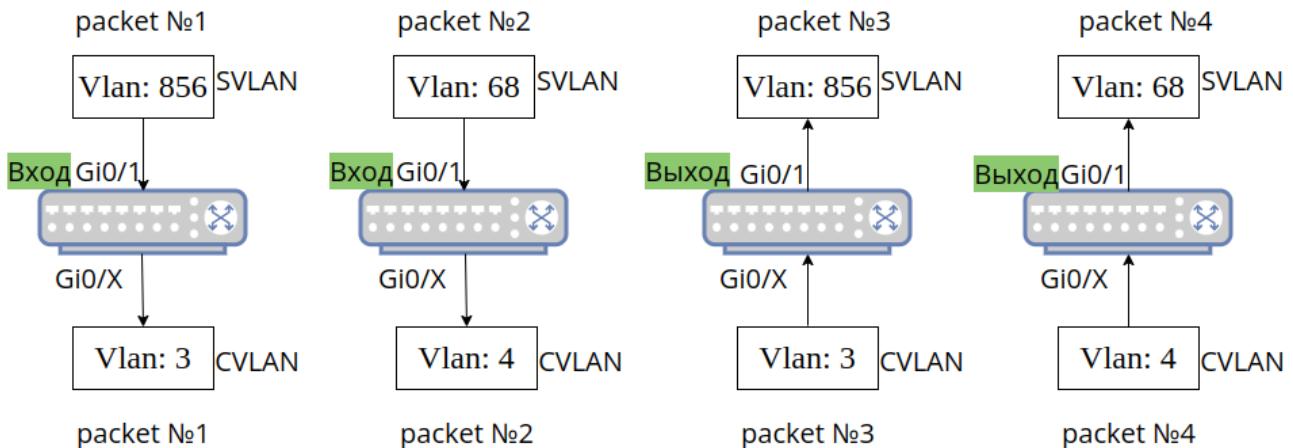
```
selective-qinq list ingress add_vlan 4 ingress_vlan 234,324,657
```

, SVLAN . . . :

```
switchport general allowed vlan add 3,4 untagged
```

3) . . . vlan 856 -> vlan 3, vlan 68 -> vlan 4. vlan 3 -> vlan 856, vlan 4 -> vlan 68.

```
:
interface gigabitethernet 1/0/1
switchport mode general
switchport general allowed vlan add 3,4 tagged
selective-qinq list ingress override_vlan 3 ingress_vlan 856
selective-qinq list ingress override_vlan 4 ingress_vlan 68
selective-qinq list egress override_vlan 856 ingress_vlan 3
selective-qinq list egress override_vlan 68 ingress_vlan 4
exit
```



```
, 856 3 68 4 :
selective-qinq list ingress override_vlan 3 ingress_vlan 856
selective-qinq list ingress override_vlan 4 ingress_vlan 68
```

```
, 3 856 4 68 :
selective-qinq list egress override_vlan 856 ingress_vlan 3
selective-qinq list egress override_vlan 68 ingress_vlan 4
```

Gi0/X Gi0/1:

```
switchport general allowed vlan add 3,4 tagged
```

4): , 11 30

(SVLAN) - , .

1- :

```
interface gigabitethernet1/0/11
switchport mode general
switchport general allowed vlan add 30 untagged
selective-qinq list ingress add_vlan 30
exit
```

2- :

```
interface gigabitethernet 1/0/11
switchport mode customer
switchport customer vlan 30
exit
```

