SP Configuration Example

As shown in Fig 1, ge-1/1/1 and ge-1/1/2 are ingress ports, and ge-1/1/3 is an egress port. Use default scheduling model: priority trust model is IEEE 802.1.

Fig 1. Configure SP

Configure two forwarding-classes

Configure forwarding-class f1 and f2 and their local-priorities.

```
admin@XorPlus# set class-of-service forwarding-class f1 local-priority 3
admin@XorPlus# set class-of-service forwarding-class f2 local-priority 6
admin@XorPlus# commit
Commit OK.
Save done.
```

Configuring classifier

Configure classifier c1, c2, and trust mode. Also configure classifier relevant to forwarding class and code point.

```
admin@XorPlus# set class-of-service classifier c1 trust-mode ieee-802.1
admin@XorPlus# set class-of-service classifier c1 forwarding-class f1 code-point 5
admin@XorPlus# set class-of-service classifier c2 trust-mode ieee-802.1
admin@XorPlus# set class-of-service classifier c2 forwarding-class f2 code-point 7
admin@XorPlus# commit
Commit OK.
Save done.
```

Apply classifiers to two ingress ports

Configure classifier c1 and apply it to port ge-1/1/1. Configure classifier c2 and apply it to port ge-1/1/2.

```
admin@XorPlus# set class-of-service interface ge-1/1/1 classifier c1
admin@XorPlus# set class-of-service interface ge-1/1/2 classifier c2
admin@XorPlus# commit
Commit OK.
Save done.
admin@XorPlus# run show class-of-service interface ge-1/1/1
Interface : ge-1/1/1

trust mode : ieee-802.1
Default ieee-802.1 : 0
Default dscp : 0
Default inet-precedence : 0
Local-priority   Queue-Schedule                Code-points
--------------   -------------------------   ------------------------------
0                SP,0kbps                     0
1                SP,0kbps                     1
2                SP,0kbps                     2
3                SP,0kbps                     3,5
4                SP,0kbps                     4
5                SP,0kbps
6                SP,0kbps                     6
7                SP,0kbps                     7

admin@XorPlus# run show class-of-service interface ge-1/1/2
Interface : ge-1/1/2


trust mode : ieee-802.1
Default ieee-802.1 : 0
Default dscp : 0
Default inet-precedence : 0
Local-priority   Queue-Schedule                Code-points
--------------   -------------------------   ------------------------------
0                SP,0kbps                     0
1                SP,0kbps                     1
2                SP,0kbps                     2
3                SP,0kbps                     3
4                SP,0kbps                     4
5                SP,0kbps                     5
6                SP,0kbps                     6,7
7                SP,0kbps
```

Generate Traffic

PC1 and PC2 generates traffic, which is matched with the corresponding classifier. Port PC1 and PC2 send 100% traffic to PC3 at the same time.

The expected result is that PC3 only can receive packets from PC2.