

组网及说明

不涉及

问题描述

现场配置本地端口镜像时发现镜像资源不够用，于是使用流镜像配置但配置后却镜像不到任何数据，通过命令查看时发现QOS策略为failed状态。
通过“dis qos policy interface Ten-GigabitEthernet 1/2/0/34 inbound”查看时发现Classifier状态为失败状态：

```
[H3C]dis qos policy interface Ten-GigabitEthernet 1/2/0/34 inbound
Interface: Ten-GigabitEthernet1/2/0/34
Direction: Inbound
Policy: test
Classifier: test (Failed)
Operator: AND
Rule(s) :
If-match acl 2100
Behavior: test
Mirroring:
Mirror to the interface: GigabitEthernet1/4/0/2
```

过程分析

交换机一个芯片有4个镜像资源。目前本地镜像已经把1框2槽位的4个镜像资源用完了，所以现在会报错且显示failed

```
[H3C]dis mirroring-group all
Mirroring group 1:
Type: Local
Status: Active
Mirroring port:
Ten-GigabitEthernet1/2/0/39 Both
Ten-GigabitEthernet1/2/0/40 Both
Ten-GigabitEthernet2/2/0/39 Both
Ten-GigabitEthernet2/2/0/40 Both
Monitor port: Ten-GigabitEthernet1/2/0/11
```

```
Mirroring group 2:
Type: Local
Status: Active
Mirroring port:
Ten-GigabitEthernet1/2/0/39 Both
Ten-GigabitEthernet1/2/0/40 Both
Ten-GigabitEthernet2/2/0/39 Both
Ten-GigabitEthernet2/2/0/40 Both
Monitor port: Ten-GigabitEthernet1/2/0/12
```

在配置流镜像时也会日志也会有报错。

```
%May 15 11:25:00:888 2019 HDA-GYW-DS-12504-IRF SHELL/6/SHELL_CMD: -Line=vty0-IPAddr=10.10.66.6-User=miaoxiaohua; Command is interface Ten-GigabitEthernet1/2/0/34
%May 15 11:26:24:607 2019 HDA-GYW-DS-12504-IRF SHELL/6/SHELL_CMD: -Line=vty0-IPAddr=10.10.66.6-User=miaoxiaohua; Command is qos apply policy bangonglianruan inbound
%May 15 11:26:27:319 2019 HDA-GYW-DS-12504-IRF QOS/4/QOS_POLICY_APPLYIF_CBFAIL: -Chassis=1-Slot=2; Failed to apply classifier-behavior bangonglianruan in policy bangonglianruan to the inbound direction of interface Ten-GigabitEthernet1/2/0/34. Not enough resources to complete the operation.
```

解决方法

端口镜像和流镜像可以在同一物理端口上调用，但是他们的资源是共用的，共同占用交换机镜像资源，因此本地镜像资源不够时无法通过流镜像解决。现场问题也只能减少端口镜像源端口数量或者增加板卡来弥补镜像资源不足的问题。