

知 S12510-S 配置首个本地镜像报错monitor资源不足

镜像 QoS 普招维 2022-05-10 发表

组网及说明

做本地镜像，不涉及复杂组网。

告警信息

Monitor resources are insufficient.

问题描述

现场不方便反馈配置信息，反馈配置首个本地镜像就报错monitor资源不足。

```
[xin-hexin]display mirroring-group 1
Mirroring group 1:
  Type: Local
  Status: Incomplete
  Mirroring port:
    Ten-GigabitEthernet1/3/0/27 Both
```

```
[xin-hexin]
```

```
[xin-hexin]mirroring-group 1 monitor-port ten
[xin-hexin]mirroring-group 1 monitor-port Ten-GigabitEthernet2/4/0/21
Monitor resources are insufficient.
```

```
[xin-hexin]display mirroring-group all
Mirroring group 1:
  Type: Local
  Status: Incomplete
  Mirroring port:
    Ten-GigabitEthernet1/3/0/27 Both
```

过程分析

1、部分设备存在不支持跨机框、跨版镜像，为排除影响，在镜像源目地址配置在同一个板卡上，但现象依旧。

```
[xin-hexin]mirroring-group 1 monitor-port Ten-GigabitEthernet 1/3/0/18
```

Monitor resources are insufficient.

2、由于转发芯片限制，S12500/S9500E只支持入方向流镜像，只做inbound单向的配置，也是有问题。

3、后面怀疑是不是配置了流镜像，也占用了镜像资源。现场反馈接口配置，发现存在qos策略，再仔细看策略相关动作为镜像到接口。

```
interface Ten-GigabitEthernet1/3/0/1
```

```
port link-mode bridge
```

```
port link-type trunk port trunk permit vlan all
```

```
packet-filter 3999 inbound
```

```
packet-filter 3888 outbound
```

```
mirroring-group 1 mirroring-port inbound
```

```
qos apply policy SJ-SJ inbound
```

```
interface Ten-GigabitEthernet1/3/0/27
```

```
port link-mode bridge
```

```
port link-type trunk
```

```
port trunk permit vlan all
```

```
packet-filter 3999 inbound
```

```
packet-filter 3888 outbound
```

```
mirroring-group 1 mirroring-port inbound
```

```
qos apply policy SJ-SJ inbound
```

```
[xin-hexin]display qos policy interface Ten-GigabitEthernet 1/3/0/1
```

```
Interface: Ten-GigabitEthernet1/3/0/1
```

```
Direction: Inbound Policy: SJ-SJ
```

```
Classifier: SJSJ
```

```
Operator: AND
```

```
Rule(s) :
```

```
If-match acl 3666
```

```
Behavior: SJ Mirroring:
```

```
Mirror to the interface: Ten-GigabitEthernet1/4/0/10
```

```
[xin-hexin]display qos policy interface Ten-GigabitEthernet 1/3/0/27
```

```
Interface: Ten-GigabitEthernet1/3/0/27
```

```
Direction: Inbound
```

```
Policy: SJ-SJ
```

```
Classifier: SJSJ
```

```
Operator: AND
```

```
Rule(s) :
```

```
If-match acl 3666
```

```
Behavior: SJ Mirroring:
```

```
Mirror to the interface: Ten-GigabitEthernet1/4/0/10
```

解决方法

配置了两个流镜像占用了monitor端口资源，后面删除相关QOS策略后本地镜像配置正常。

