

知 某据点125X-AF配置流镜像提示资源不足

镜像 赵卓 2021-12-01 发表

组网及说明

无

问题描述

问题描述: 现场设备1/4单板是FX单板, 在ten1/4/0/47, ten1/4/0/48端口应用流镜像到端口1/4/0/45, 提示资源不足

Nov 29 17:43:15:591 2021 HQ-OA-S12510-ST-C01 QOS/4/QOS_POLICY_APPLYIF_CBFAIL: -Chassis=1-Slot=4; Failed to apply classifier-behavior TAP-Mirror in policy TAP-Mirror to the outbound direction of interface Ten-GigabitEthernet1/4/0/47. Not enough resources are available to complete the operation.

Nov 29 17:43:26:968 2021 HQ-OA-S12510-ST-C01 QOS/4/QOS_POLICY_APPLYIF_CBFAIL: -Chassis=1-Slot=4; Failed to apply classifier-behavior TAP-Mirror in policy TAP-Mirror to the inbound direction of interface Ten-GigabitEthernet1/4/0/48. Not enough resources are available to complete the operation.

Nov 29 17:43:28:623 2021 HQ-OA-S12510-ST-C01 QOS/4/QOS_POLICY_APPLYIF_CBFAIL: -Chassis=1-Slot=4; Failed to apply classifier-behavior TAP-Mirror in policy TAP-Mirror to the outbound direction of interface Ten-GigabitEthernet1/4/0/48. Not enough resources are available to complete the operation.

Nov 29 17:52:54:128 2021 HQ-OA-S12510-ST-C01 QOS/4/QOS_POLICY_APPLYIF_CBFAIL: -Chassis=1-Slot=4; Failed to apply classifier-behavior TAP-Mirror in policy TAP-Mirror to the inbound direction of interface Ten-GigabitEthernet1/4/0/47. Not enough resources are available to complete the operation.

过程分析

查看1/4单板的底层acl资源，出方向只占了bank10，入方向占了bank0-10.下发流镜像时出入方向都提示资源不足。删除sflow后还是提示资源不足。

```
====debug qacl show acl-resc chassis 1 slot 4 chip 1====
```

```
-----Qacl Group UsedResc Info-----
```

```
Acl Hw Resource: EFP
```

```
-----  
L2 PROGRAM : Line 0x8000-0 Prold 0  
-----
```

```
Pri 1, Group 7,usedEntries 30,mode Single,  
ResDb 7, KeySize 160Bit, Bank 10/First-pass KeyA
```

```
=====
```

```
acl type          usedEntries[30]
```

```
=====
```

```
[96 ]PktFilter IP on VRF      30
```

```
=====
```

```
Qset Info:
```

```
SrcIp-ForwardingType-StageEgress-Ip4-OutVPort-
```

```
Aset Info:
```

```
PriIntNew-RedirectPort-Drop-MirrorEgress-DropPrecedence-RedirectVportPort-Stat0-QosMapIdNe  
w-
```

```
-----  
-----  
Acl Hw Resource: IFP
```

```
-----  
IPV6 PROGRAM : Line 0x0-8 Prold 8 PriPoll 1  
-----
```

```
Pri 91, Group 1,usedEntries 9,mode Quad,  
ResDb 1, KeySize 320Bit, Bank 0/1/Second-pass KeyA/B
```

```
=====
```

```
acl type          usedEntries[9]
```

```
=====
```

```
[14 ]RX IPv6 Middle_High      1
```

```
[70 ]RX Middle Low           2
```

```
[74 ]SFLOW                    2
```

```
[110]IFP HIGH                 1
```

```
[141]PDT HIGH INITIAL         1
```

```
[239]Rport Isolate           2
```

```
=====
```

```
Qset Info:
```

```
DstIp6-DstIp6High-DstIp6Low-DstMac-InPort-Drop-L4SrcPort-L4DstPort-EtherType-IpProtocol-DstPo  
rt-IpType-ForwardingType-StageIngress-IpFrag-Ip6-MplsTerminated-IngressStpState-L3DestRouteHi  
t-DstL3Egress-DstMulticastGroup-FlowId-
```

```
Aset Info:
```

```
PriIntNew-DropPrecedence-VportTcNew-Stat0-PolicerLevel0-Trap-UsePolicerResult-Snoop-
```

```
-----  
-----  
Acl Hw Resource: IFP
```

```
-----  
L2 PROGRAM : Line 0x0-1f0 Prold 12 PriPoll 2  
-----
```

```
Pri 92, Group 2,usedEntries 126,mode Quad,  
ResDb 2, KeySize 320Bit, Bank 0/1/Second-pass KeyA/B
```

```
=====
```

```
acl type          usedEntries[126]
```

```
=====
```

```
[8 ]RX IPv4 High              81
```

```
[9 ]RX IPv4 Middle High       2
```

```
[10]RX IPv4 Middle            31
```

```

[47]OAM-High          2
[70]RX Middle Low    3
[74]SFLOW            2
结合实际情况对rule规则中的logging字段做删减，预留足够的镜像资源
[239]Rport Isolate   2
=====
Qset Info:
DstMac-DstIp-InPort-Drop-L4SrcPort-L4DstPort-EtherType-IpProtocol-Ttl-DstPort-ForwardingType-StageIngress-InterfaceClassL2-IpFrag-Ip4-MplsTerminated-IngressStpState-DstL3Egress-DstMulticast-Group-FlowId-
Aset Info:
PriIntNew-DropPrecedence-VportTcNew-Stat0-PolicerLevel0-Trap-UsePolicerResult-Snoop-
-----
Pri 56, Group 3,usedEntries 1430,mode Quad,
ResDb 3, KeySize 320Bit, Bank 2/3/6/7/First-pass KeyC/D
=====
acl type          usedEntries[1430]
=====
[96]PktFilter IP on VRF      1430
=====
Qset Info:
SrcIp-DstIp-RangeCheck-L4SrcPort-L4DstPort-EtherType-IpProtocol-TcpControl-ForwardingType-StageIngress-Ip4-IngressStpState-ForwardingVlanId-
Aset Info:
DropPrecedence-Stat0-
-----
Pri 38, Group 4,usedEntries 450,mode Double,
ResDb 4, KeySize 320Bit, Bank 4/5/Second-pass KeyC/D
=====
acl type          usedEntries[450]
=====
[0]MQC Vlan          450
=====
Qset Info:
SrcIp-DstIp-EtherType-StageIngress-Ip4-IngressStpState-ForwardingVlanId-
Aset Info:
PriIntNew-VportTcNew-Stat0-PolicerLevel0-UsePolicerResult-
-----
-----
Acl Hw Resource: IFP
-----
VXLAN OVERLAY PROGRAM : Line 0x20000000-0 Prold 9 PriPoll 4
-----
Pri 4, Group 6,usedEntries 2,mode Single,
ResDb 6, KeySize 80Bit, Bank 9/First-pass KeyA
=====
acl type          usedEntries[2]
=====
[236]SFLOW VXLAN ROO      2
=====
Qset Info:
InPort-StageIngress-
Aset Info:
Snoop-
-----
-----
Acl Hw Resource: IFP
-----
VXLAN DEFAULT PROGRAM : Line 0x40000000-0 Prold 7 PriPoll 0
-----
Pri 90, Group 0,usedEntries 3,mode Single,
ResDb 0, KeySize 320Bit, Bank 0/1/Second-pass KeyC/D
=====
acl type          usedEntries[3]

```

