

知 某局点NTA组件netstream监控接口流量无数据

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组网及说明

无特殊组网

问题描述

现场接口流量任务中添加了一个路由器的物理接口，等待一段时间后发现始终没有采集到数据

sFlow设置

sFlow采样率动态调整

采样率 * ?

Collector ID ?

VPN 名称

网卡IP

启用sFlow的接口列表

接口索引	接口描述	接口别名
14	GigabitEthernet0/0/17	



过程分析

- 1、检查现场iMC部署监控代理中processer和receiver进程，都是正常启动，尝试重启后现象依旧
- 2、检查设备配置未发现问题
- 3、设备上查看netstream flow的确有转发记录

```
[GZ-Route]dis ip netstream cache slot 0
IP NetStream cache information:
Active flow timeout      : 30 min
Inactive flow timeout   : 30 sec
Max number of entries   : 2048000
IP active flow entries  : 0
MPLS active flow entries : 0
L2 active flow entries  : 0
IPL2 active flow entries : 0
IP flow entries counted  : 4678
MPLS flow entries counted : 0
L2 flow entries counted : 0
IPL2 flow entries counted : 0
Last statistics resetting time : Never

IP packet size distribution (9174 packets in total):
1-32 64 96 128 160 192 224 256 288 320 352 384 416 448 480
.000 .299 .153 .153 .011 .029 .001 .004 .000 .000 .000 .000 .045 .005 .001 .002 .026

512 544 576 1024 1536 2048 2560 3072 3584 4096 4608 >4608
.001 .001 .002 .040 .372 .000 .000 .000 .000 .000 .000 .000

Protocol      Total Flows  Packets /sec  Flows /sec  Packets /flow  Active(sec) /flow  Idle(sec) /flow
-----
UDP-other     19          0          0          1          1          30
TCP-other    4498        0          0          1          4          29
ICMP         5           0          0          1          0          30
TCP-HTTP     156         0          0          10         4          29

Type DstIP(Port)  SrcIP(Port)  Pro ToS VNI  If(Direct)  Pkts
-----
DstMAC(VLAN)  SrcMAC(VLAN)
TopLblType(IP/MASK)  Lbl-Exp-S-List
```

- 4、检查iMC/data/receiverData下也有文件生成
- 5、收集现场抓包发现，入接口的流里的接口索引是17989，和现场接口流量任务中配置的接口索引不一致

```
1708 2022-09-25 11:17:46.405483  CFLOW  374 total: 3 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]
1722 2022-09-25 11:17:47.061382  CFLOW  376 total: 1 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]
1844 2022-09-25 11:17:50.951324  CFLOW  376 total: 3 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]
1983 2022-09-25 11:17:55.493244  CFLOW  386 total: 1 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]
2145 2022-09-25 11:17:59.354195  CFLOW  270 total: 2 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]
7307 2022-09-25 11:18:08.451117  CFLOW  270 total: 2 (v9) records Obs-Domain-ID= 0 [Data:1381] [Data:1381]

-----
Flow: 1 (Data: 1381)
Flowlet ID: (Data: 1381)
Flowlet Length: 361
TimeLate From: 1722
Flow: 1
Packets: 1
Octets: 343
[Duration: 0.00000000 seconds (switched)]
Output: 1708
OutputSize: 4292034336
SrcAddr: 18.222.76.0
DstAddr: 118.212.143.150
NextHop: 0.0.0.0
SrcAS: 0
DstAS: 0
```

- 6、进一步排查发现在该路由器的接口列表中，对应索引是17989的是vlan虚接口，在接口流量任务中添加此虚接口后，问题解决

解决方法

在接口流量任务中添加vlan虚接口

