

知 某局点SR6602-X2部署本地端口镜像后目的端口没流量

镜像 郝聚显 2019-07-08 发表

组网及说明

不涉及

问题描述

客户反馈部署本地端口镜像之后目的端口没有流量，源端口有业务再跑流量很大，但是目的端口上没有流量过来。

过程分析

1、检查配置以及版本信息，现场为V7版本，不涉及有关V5版本的镜像限制。

```
=====display version=====
```

H3C Comware Software, Version 7.1.064, Release 7614

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```
#
```

```
interface GigabitEthernet0/0/0
```

```
port link-mode route
```

```
combo enable fiber
```

```
duplex full
```

```
speed 1000
```

```
mirroring-group 1 mirroring-port both
```

```
#
```

```
interface GigabitEthernet0/0/0.101
```

```
description to RJY8H-ZDHLRT-HW3260-01_G0/0/4(CT_M1246239_100M)
```

```
bandwidth 100000
```

```
ip address X.X.X.X X.X.X.X
```

```
ospf network-type p2p
```

```
ospf bfd enable
```

```
qos apply policy ZD-RJY8H-QOS outbound
```

```
vlan-type dot1q vid 101
```

```
bfd min-transmit-interval 999
```

```
bfd min-receive-interval 999
```

```
bfd detect-multiplier 3
```

```
#
```

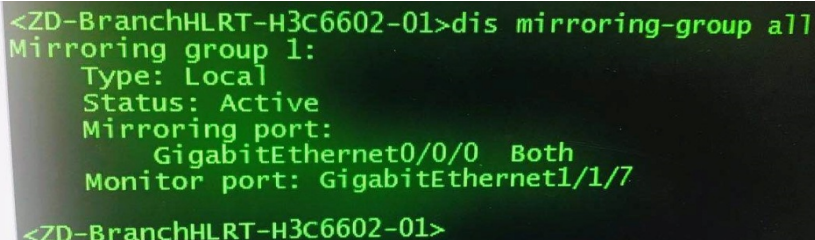
```
interface GigabitEthernet1/1/7
```

```
port link-mode bridge
```

```
undo stp enable(后续增加的配置，诊断中没有)
```

```
mirroring-group 1 monitor-port
```

2、查看了镜像组的状态是active的状态



```
<ZD-BranchHLRT-H3C6602-01>dis mirroring-group all
Mirroring group 1:
  Type: Local
  Status: Active
  Mirroring port:
    GigabitEthernet0/0/0 Both
  Monitor port: GigabitEthernet1/1/7

<ZD-BranchHLRT-H3C6602-01>
```

3、检查源端口和目的端口的接口状态信息：

```
GigabitEthernet0/0/0
```

```
Current state: UP
```

```
Line protocol state: UP
```

```
Description: GigabitEthernet0/0/0 Interface
```

```
Bandwidth: 1000000 kbps
```

```
Maximum transmission unit: 1500
```

```
Internet protocol processing: Disabled
```

```
IP packet frame type: Ethernet II, hardware address: 5cc9-993e-1261
```

```
IPv6 packet frame type: Ethernet II, hardware address: 5cc9-993e-1261
```

```
Loopback is not set
```

Media type is optical fiber, port hardware type is 1000_BASE_LX_SFP
Promiscuous mode is not set
1000Mbps-speed mode, Full-duplex mode
Link speed type is force link, link duplex type is force link
Flow-control is not enabled
Maximum frame length:9600
Output queue - Urgent queuing: Size/Length/Discards 0/100/0
Output queue - Protocol queuing: Size/Length/Discards 0/500/0
Output queue - FIFO queuing: Size/Length/Discards 0/1024/0
Last link flapping: 10 weeks 1 days 15 hours 50 minutes
Last clearing of counters: Never
Peak input rate: 30348940 bytes/sec, at 2019-07-03 16:25:48
Peak output rate: 44216612 bytes/sec, at 2019-06-26 15:43:25
Last 300 second input: 87157 packets/sec 21656020 bytes/sec 18%
Last 300 second output: 90794 packets/sec 35849596 bytes/sec 30%
Input (total): 161184081455 packets, 39330458166277 bytes
161182267747 unicasts, 4 broadcasts, 1813704 multicasts, - pauses/接口下有流量
Input (normal): 161184081455 packets, 39330458166277 bytes
161182267747 unicasts, 4 broadcasts, 1813704 multicasts, - pauses
Input: 0 input errors, 0 runts, 0 giants, - throttles
0 CRC, - frame, 0 overruns, - aborts
- ignored, - parity errors
Output (total): 163505000387 packets, 54598326326179 bytes
163503453317 unicasts, 479 broadcasts, 1546591 multicasts, - pauses
Output (normal): 163505000387 packets, 54598326326179 bytes
163503453317 unicasts, 479 broadcasts, 1546591 multicasts, - pauses
Output: 0 output errors, 0 underruns, - buffer failures
- aborts, 0 deferred, 0 collisions, 0 late collisions
0 lost carrier, - no carrier

GigabitEthernet1/1/7
Current state: UP
Line protocol state: UP
IP packet frame type: Ethernet II, hardware address: b0f9-63b4-2449
Description: GigabitEthernet1/1/7 Interface
Bandwidth: 1000000 kbps
Loopback is not set
Media type is twisted pair
Promiscuous mode set
1000Mbps-speed mode, full-duplex mode
Link speed type is autonegotiation, link duplex type is autonegotiation
Flow-control is not enabled
Maximum frame length: 9664
Allow jumbo frames to pass
Broadcast max-ratio: 100%
Multicast max-ratio: 100%
Unicast max-ratio: 100%
PVID: 1
MDI type: Automdix
Port link-type: Access
Tagged VLANs: None
Untagged VLANs: 1
Output queue - Urgent queuing: Size/Length/Discards 0/100/0
Output queue - Protocol queuing: Size/Length/Discards 0/500/0
Output queue - FIFO queuing: Size/Length/Discards 0/1024/0
Last link flapping: 0 hours 16 minutes 58 seconds
Last clearing of counters: Never
Peak input rate: 0 bytes/sec, at 2019-07-04 15:37:23
Peak output rate: 18 bytes/sec, at 2019-07-04 15:27:19
Last 300 second input: 0 packets/sec 0 bytes/sec 0%
Last 300 second output: 0 packets/sec 11 bytes/sec 0%
Input (total): 0 packets, 0 bytes
0 unicasts, 0 broadcasts, 0 multicasts, - pauses/接口下没有流量

Input (normal): 0 packets, 0 bytes
0 unicasts, 0 broadcasts, 0 multicasts, - pauses
Input: 0 input errors, 0 runts, 0 giants, - throttles
0 CRC, - frame, 0 overruns, - aborts
- ignored, - parity errors
Output (total): 73 packets, 25258 bytes
0 unicasts, 0 broadcasts, 73 multicasts, - pauses
Output (normal): 73 packets, 25258 bytes
0 unicasts, 0 broadcasts, 73 multicasts, - pauses
Output: 0 output errors, 0 underruns, - buffer failures
- aborts, 0 deferred, 0 collisions, 0 late collisions
0 lost carrier, - no carrier

解决方法

经确认客户的业务在子接口上，镜像子接口的流量，源端口应该配置在子接口上，修改配置后解决。