

DR01 (G2/0/2, 10.59.164.233) ----- (G2/0/2, 10.59.164.234) DR0R2

现场两台SR8808X直连，在DR01上面tracert DR02的接口地址不通，DR02上面tracert DR01是能通的。两端互ping都可以通，

<SY-JTXCF-DR01-SR8808X>ping 10.59.164.234  
Ping 10.59.164.234 (10.59.164.234): 56 data bytes, press CTRL\_C to break  
56 bytes from 10.59.164.234: icmp\_seq=0 ttl=255 time=3.307 ms  
56 bytes from 10.59.164.234: icmp\_seq=1 ttl=255 time=3.471 ms

<SY-JTXCF-DR01-SR8808X>tracert 10.59.164.234  
traceroute to 10.59.164.234 (10.59.164.234), 30 hops at most, 52 bytes each packet, press CTRL\_C to break  
1 \*\*\*  
2 \*\*\*

在DR02上面debug ip icmp，显示ICMP速率达到限制，被丢弃，  
\*Jul 4 00:44:51:871 2017 SY-JTXCF-DR02-SR8808X SOCKET/7/ICMP: -MDC=1-Slot=2;  
ICMP Discard:ICMP reached rate limit.

之后请现场在DR02上面将ICMP差错报文的令牌桶改为40后，tracert正常。现场排查过，没有其他设备持续tracert经过DR02，DR02上面按说不应该恢复差错报文到达速率限制，display icmp statistics中，差错报文增长不是很快，

[SY-JTXCF-DR02-SR8808X]ip icmp error-interval 100 40

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=====display icmp statistics=====
Input: bad formats 0          bad checksum 0
      echo 345007          destination unreachable 81
      source quench 0        redirects 0
      echo replies 105      parameter problem 0
      timestamp 0           information requests 0
      mask requests 0       mask replies 0
      time exceeded 368     invalid type 0
      router advert 0       router solicit 0
      broadcast/multicast echo requests ignored 0
      broadcast/multicast timestamp requests ignored 0
Output: echo 126           destination unreachable 11638 //现场反馈该数值增长并不快，该
      source quench 0       redirects 0
      echo replies 345007   parameter problem 0
      timestamp 0           information replies 0
      mask requests 0       mask replies 0
      time exceeded 141     bad address 0
      packet error 14143    router advert 0
```