

# 知 ACG1000设备做策略路由访问服务器慢

策略路由 ACG1000 杨凌轩 2019-10-25 发表

## 组网及说明

acg作为出口设备，下连核心交换

## 问题描述

现场acg有三条出口，在唯一内网下联口配置策略路由后发现内网终端访问内网服务器很慢，不配置时访问正常

## 过程分析

从配置上看，策略路由与服务器访问慢并没有直接关系

通过正常时候抓包和故障时候抓包发现域名都能够正常解析，对比异常抓包有多次重传报文

19288 22.901391	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/5.png HTTP/1.1
19294 22.901398	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1/av/moduler/carousel.js HTTP/1.1
19308 22.911456	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/5.png HTTP/1.1
19391 23.491452	192.168.5.148	TCP	53728 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19392 23.491453	192.168.5.148	TCP	53729 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19393 23.491412	192.168.5.148	TCP	53730 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19394 23.501437	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/5.png HTTP/1.1
19395 23.501445	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1/av/moduler/carousel.js HTTP/1.1
19396 23.511457	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1.png HTTP/1.1
19399 23.537457	192.168.5.148	HTTP	TCP Retransmission	GET /acogoo/ew/01.jpg HTTP/1.1
19419 24.891530	192.168.5.148	TCP	53728 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19419 24.891530	192.168.5.148	TCP	53728 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19420 24.891488	192.168.5.148	TCP	53730 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19483 24.101458	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/5.png HTTP/1.1
19483 24.101515	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1/av/moduler/carousel.js HTTP/1.1
19483 24.111522	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1.png HTTP/1.1
19484 24.936953	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1/av/moduler/carousel.js HTTP/1.1
19664 27.091600	192.168.5.148	TCP	53729 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19665 27.091601	192.168.5.148	TCP	53728 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19666 27.091601	192.168.5.148	TCP	53730 > http [FIN, ACK] Seq=473 Ack=5841 Win=65700 Len=0	
19667 27.101396	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/5.png HTTP/1.1
19668 27.101600	192.168.5.148	HTTP	TCP Retransmission	GET /r/asm/www/5.js?default/11bs/img/1/av/moduler/carousel.js HTTP/1.1

怀疑是否传输路由存在问题，进行两次tracert对比，发现两次路径并不一致

查看acg配置发现在内网口配置了DNAT

怀疑配置策略路由后进行了DNAT地址转换，导致路由绕行网页打开变慢

## 解决方法

在策略路由里将服务器地址做例外排除后正常。