

知 S12508-AC-3直连S6520X互ping不通

QoS 韩佳鑫 2022-12-27 发表

问题描述

现场反馈S12508直连S6520X: 直连互ping不通

过程分析

在12508和6520X上都可以学习到arp。两边stp都没有阻塞，两边cpu利用率也不高，接口下最近300s也没有打满。

```
Current state: UP
IP packet frame type: Ethernet II, hardware address: 741f-4a90-4c00
Description: To TangXI_6520 Eth to Trunk7 10.209.97.18
Bandwidth: 30000000 kbps
30Gbps-speed mode, full-duplex mode
Link speed type is autonegotiation, link duplex type is autonegotiation
PVID: 1
Port link-type: Trunk
VLAN Passing: 3-5, 8, 136, 191, 199, 213, 243, 258-259, 269, 273, 290
VLAN permitted: 3-5, 8, 136, 191, 199, 213, 243, 258-259, 269, 273, 290
Trunk port encapsulation: IEEE 802.1q
Last clearing of counters: 10:37:22 Tue 12/20/2022
Last 300 seconds input: 757450 packets/sec 452591570 bytes/sec 12%
Last 300 seconds output: 1215580 packets/sec 1427661910 bytes/sec 38%
```

解决方法

经确认问题原因是设备下发了一个全局的策略，过滤了S125的回包。

对于老的S125，CPU发包也能流统到并过滤。

```
traffic classifier iptv_deny-32 operator and
if-match acl 3512
if-match service-vlan-id 3254
```

```
qos policy iptv-out
classifier iptv_deny-32 behavior deny
```

```
qos apply policy iptv-out global outbound
```

