

知 S7503X 组播 pim sm RP未配置依然可以拉倒组播流

PIM IGMP 组播VLAN IGMP Snooping 王英凯 2020-09-16 发表

问题描述

组播源和组播接收者在同一台设备同一块单板上，配置pim sm，*.0.1这个组播源和接收者都在同一台7503的情况，但是可以正常拉流，表项如下，

表项下RP是null的，

```
<XinYuanShuRu-S7503X>dis pim routing-table *.120.0.1
```

```
Total 651 (*, G) entries; 364 (S, G) entries
```

```
Total matched 1 (*, G) entries; 1 (S, G) entries
```

```
(*, *.120.0.1)
```

```
RP: NULL
```

```
Protocol: pim-sm, Flag: WC NIIF
```

```
UpTime: 4w:3d
```

```
Upstream interface: NULL
```

```
Upstream neighbor: NULL
```

```
RPF prime neighbor: NULL
```

```
Downstream interface information:
```

```
Total number of downstream interfaces: 1
```

```
1: Vlan-interface609
```

```
Protocol: igmp, UpTime: 4w:3d, Expires: -
```

```
(10.*.255.22, *.*.0.1)
```

```
RP: NULL
```

```
Protocol: pim-sm, Flag: SPT LOC ACT
```

```
UpTime: 3w:3d
```

```
Upstream interface: Vlan-interface505
```

```
Upstream neighbor: NULL
```

```
RPF prime neighbor: NULL
```

```
Downstream interface information:
```

```
Total number of downstream interfaces: 1
```

```
1: Vlan-interface609
```

```
Protocol: pim-sm, UpTime: 3w:3d, Expires: -
```

解决方法

当组播源和组播接收者在同一个单板上的话，是不看RP信息，是看 Downstream interface information信息。