

知 某局点开局IRF测试重启主设备后IRF无法UP问题经验案例

IRF 柴鹏辉 2020-08-27 发表

组网及说明

AC做IRF

问题描述

某局点开局，AC做IRF，堆叠成功后重启主设备进行业务切换测试，发现主设备up后堆叠无法up

过程分析

堆叠一般情况下没有问题，现场是堆叠成功后，重启主设备后IRF无法up。首先查看配置，发现：现场主备的topo-domain不一致

备AC:

```
=====display irf=====
Member ID   Role    Priority CPU MAC      Description
 *+2        Master  1       542b-dedb-69b8 ---
-----
The asterisk (*) indicates the master.
The plus sign (+) indicates the device through which you are logged in.
The right angle bracket (>) indicates the device's stack capability is disabled.

Bridge MAC of the IRF: 542b-dedb-69b8
Auto upgrade      : Enabled
MAC persistence   : 6 min
Topo-domain ID    : 0
Auto merge        : Enabled
```

主AC:

```
=====display irf=====
Member ID   Role    Priority CPU MAC      Description
 *+1        Master  2       542b-dedb-6b30 ---
-----
The asterisk (*) indicates the master.
The plus sign (+) indicates the device through which you are logged in.
The right angle bracket (>) indicates the device's stack capability is disabled.

Bridge MAC of the IRF: 542b-dedb-6b30
Auto upgrade      : Enabled
MAC persistence   : 6 min
Topo-domain ID    : 10
Auto merge        : Enabled
```

现场在ac堆叠前更改了topo域的domain ID，该配置是重启后生效，因此重启前topo-domain ID不一致，堆叠没问题，主AC重启后Topo-domain ID发生变化，导致堆叠无法up

解决方法

更改主备topo-domain id，保证一致，问题解决