

知 某局点交换机堆叠线断开测试后，再堆叠时备机不停重启

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组网及说明

现场开局，客户反馈两台设备正常堆叠起来之后，做断开堆叠线测试，然后再接上堆叠线，发现slot2设备不断重启。

问题描述

display hardware-resource查看两个设备的硬件资源一致，堆叠配置没有异常，irf-port-configuration active重新激活IRF断开配置故障依旧。

Slot1在堆叠设备重启过程中无异常信息：

```
<JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47>%Jan 4 13:00:27:859 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 IFNET/3/PHY_UPDOWN: Physical state on the interface FortyGigE1/0/53 changed to up.
```

```
%Jan 4 13:00:27:860 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 IFNET/5/LINK_UPDOWN: Line protocol state on the interface FortyGigE1/0/53 changed to up.
```

```
%Jan 4 13:00:28:675 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 STM/6/STM_LINK_UP: IRF port 2 came up.
```

```
%Jan 4 13:00:29:021 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 STM/4/STM_MERGE: IRF merge occurred.
```

```
%Jan 4 13:00:29:269 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 LAGG/6/LAGG_INACTIVE_PHYSTATE: Member port XGE1/0/47 of aggregation group BAGG1023 changed to the inactive state, because the physical state of the port is down. //这个BFD检测端口
```

```
%Jan 4 13:00:29:270 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 IFNET/3/PHY_UPDOWN: Physical state on the interface Ten-GigabitEthernet1/0/47 changed to down.
```

```
%Jan 4 13:00:29:271 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 IFNET/5/LINK_UPDOWN: Line protocol state on the interface Ten-GigabitEthernet1/0/47 changed to down.
```

```
%Jan 4 13:00:29:279 2011 JXGCLXY-1F-C-09_C-08-ASW-H6900-01U47 STM/3/STM_LINK_DOWN: IRF port 2 went down.
```

过程分析

再次核对两个设备配置，发现部分配置不一致，按理来讲堆叠成功后备机会同步主机配置，分裂后两个设备配置应该一致。

设备A:

```
#
irf mac-address persistent timer
irf auto-update enable
irf link-delay 0
irf member 1 priority 30
#
#
interface Bridge-Aggregation13
description dT:cunchu:JXGCLXY-1F-C-09-SEV-ZXR5300G4X-02U17.Bond0
port access vlan 2110
link-aggregation mode dynamic
stp edged-port
stp port bpdu-protection enable
#
```

设备B

```
#
irf mac-address persistent timer
irf auto-update enable
undo irf link-delay
irf member 2 priority 20
#
#
interface Bridge-Aggregation13
description dT:cunchu:JXGCLXY-1F-C-09-SEV-ZXR5300G4X-02U17.Bond0
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 2110
link-aggregation mode dynamic
stp edged-port
stp port bpdu-protection enable
#
```

解决方法

将两端配置修改成一致后，正常堆叠成功。

后经确认客户第一次堆叠起来之后修改了irf link-delay配置，但没有保存配置就断开堆叠线，造成备机配置与主机不一致。

