

知 某局点S6813-48X6 IRF倒换丢包长问题

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组网及说明

不涉及

告警信息

无

问题描述

现场堆叠，用户reboot重启slot1（irf master）之后期间丢包大约20S左右，从slot1上日志看：

```
%@157917%Sep 15 17:59:58:896 2022 BJYZ109-T-11-41-IB-S6813-134.Int SHELL/6/SHELL_CMD  
_CONFIRM: Confirm option of command reboot slot 1 is yes.
```

GigabitEthernet2/0/30 changed to down.

在slot2上日志看

```
%@836%Sep 15 18:00:23:399 2022 BJYZ109-T-11-41-IB-S6813-134.Int STM/2/STM_LINK_TIMEO  
UT: IRF port 1 went down because the heartbeat timed out.
```

```
%@837%Sep 15 18:00:23:588 2022 BJYZ109-T-11-41-IB-S6813-134.Int STM/3/STM_LINK_DOWN:  
IRF port 1 went down.
```

期间经过大约20S才感知到irf port down

设备配置link-delay 0

BGP配置NSR

```
irf mac-address persistent timer
```

```
irf auto-update enable
```

```
irf link-delay 0
```

```
irf member 1 priority 16
```

```
irf member 2 priority 1
```

```
irf member 1 description BJYZ109-T-11-41-IB-S6813-134
```

```
irf member 2 description BJYZ109-T-12-41-IB-S6813-135
```

过程分析

当进行主备倒换时，有其他口（比如mad口）与堆叠口几乎同时down，因消息处理任务需顺序执行，堆叠口down消息可能靠后处理，引起备升主慢，产生较多丢包

