

问题描述

S5820V2_5830V2交换机IRF2堆叠后如何升级?

解决方法

1. 升级前的准备工作

- 1 准备好升级所需的软件版本文件S5820V2_5830V2-CMW710-R2208P01.ipe;
- 1 通过ftp或tftp将版本文件上传到slot1和slot2的flash:/目录下;

1.1. 先升级Master设备, 再升级Slave步骤

步骤	工作内容
1	先删除配置中关于mad检测的配置 [ASW-T06-I03.CM3]interface Bridge-Aggregation 100 [ASW-T06-I03.CM3-Bridge-Aggregation100]undo mad enable
2	将slot 1设备中的所有业务端口shutdown, 并保存配置 [ASW-T06-I03.CM3]interface range Ten-GigabitEthernet 1/0/1 to Ten-GigabitEthernet 1/0/48 [ASW-T06-I03.CM3-if-range]shutdown <ASW-T06-I03.CM3>save The current configuration will be written to the device. Are you sure? [Y/N]:y Please input the file name(*.cfg)[flash:/config.cfg] (To leave the existing filename unchanged, press the enter key): flash:/config.cfg exists, overwrite? [Y/N]:y Validating file. Please wait... Saved the current configuration to mainboard device successfully. Slot 2: Save next configuration file successfully.
3	指定boot-loader, 重启升级slot1设备到R2208P01版本; 重启完slot 1后立即通过Slot2的Console口, 在Slot 2设备上shutdown 所有IRF端口。 <ASW-T06-I03.CM3>boot-loader file flash:/S5820V2_5830V2-CMW710-R2208P01.ipe slot 1 main <ASW-T06-I03.CM3> reboot slot 1 Start to check configuration with next startup configuration file, please wait.....DONE! This command will reboot the specified slot, Continue? [Y/N]:y Now rebooting, please wait... %Jan 3 04:00:55:522 2011 ASW-T06-I03.CM3 DEV/5/BOARD_REBOOT: Board is rebooting on Slot 1. <ASW-T06-I03.CM3> sys [ASW-T06-I03.CM3] interface range FortyGigE 2/0/49 to FortyGigE 2/0/52 [ASW-T06-I03.CM3-if-range]shutdown 注意: 1、此处千万别reboot错了槽位号, slot 1! 切记切记! 需通过console连接到Slot 2上, shutdown IRF端口, 该操作要求快速, reboot后立即执行。
4	Console连接到Slot 1设备上, 将升级完成后的Slot 1设备中的业务端口全部undo shutdown打开。 [ASW-T06-I03.CM3]interface range Ten-GigabitEthernet 1/0/1 to Ten-GigabitEthernet 1/0/48 [ASW-T06-I03.CM3-if-range]undo shutdown 注意: 此处切勿保存配置!
5	Console连接到Slot 2设备上, 指定启动文件为R2208P01, 重启slot 2升级版本; <ASW-T06-I03.CM3>boot-loader file flash:/S5820V2_5830V2-CMW710-R2208P01.ipe slot 2 main <ASW-T06-I03.CM3>reboot slot 2 Start to check configuration with next startup configuration file, please wait..... DONE! Current configuration may be lost after the reboot, save current configuration? [Y/N]:N This command will reboot the specified slot, Continue? [Y/N]:Y 注意: 此处弹出是否保存配置时, 务必选择N
6	查看堆叠是否成功, 聚合组状态是否正常, 配置是否完整
7	恢复之前删除的mad检测的配置, 并保存配置。 [ASW-T06-I03.CM3]interface Bridge-Aggregation 100 [ASW-T06-I03.CM3-Bridge-Aggregation100] mad enable

- 1、升级后配置不会丢失;
- 2、升级过程中, 除第2、7步, 其他步骤都不需要保存配置;
- 3、升级的中间状态, 两台设备版本不一致, 业务端口全部打开时, 由于IRF分裂后桥MAC地址是一致的, 所以LACP邻居与这两台S58V2相连时无法区分位两台设备, 端口状态都会置为Select状态;
- 4、升级到R2208P01后再打上补丁版本S5820V2_5830V2-CMW710-R2208P01H03。

