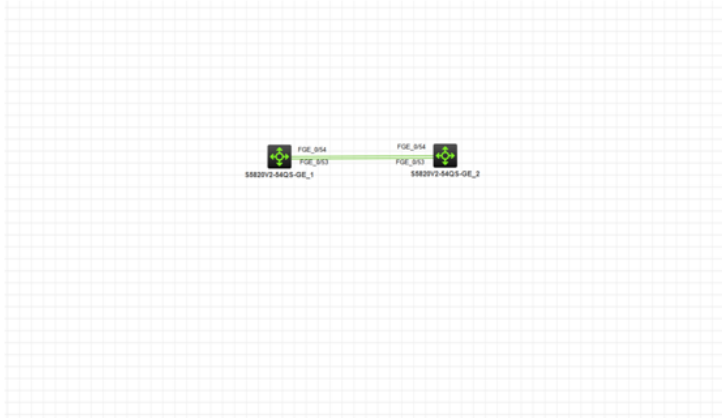


# 知 HCL模拟器S5820交换机使用40G IRF堆叠的案例

堆叠 IRF2 H3C模拟器 韦家宁 2020-10-18 发表

## 组网及说明

本案例为HCL模拟器S5820交换机使用40G 进行IRF堆叠的案例



## 配置步骤

1号设备配置:

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]irf member 1 renumber 1 //指定成员1
Renumbering the member ID may result in configuration change or loss. Continue?[Y/N]:y
[H3C]int range FortyGigE 1/0/53 to FortyGigE 1/0/54
[H3C-if-range]shutdown
[H3C-if-range]quit

[H3C]irf-port 1/1 //创建IRF端口组
[H3C-irf-port1/1]port group int FortyGigE 1/0/54 //绑定物理端口到IRF组
[H3C-irf-port1/1]port group int FortyGigE 1/0/54
[H3C-irf-port1/1]quit

[H3C]int range FortyGigE 1/0/53 to FortyGigE 1/0/54
[H3C-if-range]undo shutdown
[H3C-if-range]quit

[H3C]irf-port-configuration active //激活IRF
[H3C]save
The current configuration will be written to the device. Are you sure? [Y/N]:y
Please input the file name(*.cfg)[flash:/startup.cfg]
(To leave the existing filename unchanged, press the enter key):
Validating file. Please wait...
Saved the current configuration to mainboard device successfully.
```

2号设备配置:

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]irf member 1 renumber 2
Renumbering the member ID may result in configuration change or loss. Continue?[Y/N]:y

[H3C]int range FortyGigE 1/0/53 to FortyGigE 1/0/54
[H3C-if-range]shutdown
[H3C-if-range]quit

[H3C]irf-port 1/2
[H3C-irf-port1/2]port group interface FortyGigE 1/0/53
[H3C-irf-port1/2]port group interface FortyGigE 1/0/54
[H3C-irf-port1/2]quit
```

[H3C]int range FortyGigE 1/0/53 to FortyGigE 1/0/54

[H3C-if-range]undo shutdown

[H3C-if-range]quit

[H3C]save

The current configuration will be written to the device. Are you sure? [Y/N]:y

Please input the file name(\*.cfg)[flash:/startup.cfg]

(To leave the existing filename unchanged, press the enter key):

Validating file. Please wait...

Saved the current configuration to mainboard device successfully.

[H3C]irf-port-configuration active

[H3C]save

The current configuration will be written to the device. Are you sure? [Y/N]:y

Please input the file name(\*.cfg)[flash:/startup.cfg]

(To leave the existing filename unchanged, press the enter key):

flash:/startup.cfg exists, overwrite? [Y/N]:y

Validating file. Please wait...

Saved the current configuration to mainboard device successfully.

1号机和2号机同时重启:

<H3C>reboot

Start to check configuration with next startup configuration file, please wait.....DONE!

This command will reboot the device. Continue? [Y/N]:y

Now rebooting, please wait...

%Oct 18 10:18:44:832 2020 H3C DEV/5/SYSTEM\_REBOOT: System is rebooting now.

堆叠完成后检查下IRF的状态等信息:

<H3C>dis irf

MemberID	Role	Priority	CPU-Mac	Description
*+1	Master	1	66a1-7eb4-0104	---
2	Standby	1	66a1-810f-0204	---

\* indicates the device is the master.

+ indicates the device through which the user logs in.

The bridge MAC of the IRF is: 66a1-7eb4-0100

Auto upgrade : yes

Mac persistent : 6 min

Domain ID : 0

<H3C>dis irf link

Member 1

IRF Port	Interface	Status
1	FortyGigE1/0/53	UP
	FortyGigE1/0/54	UP
2	disable	--

Member 2

IRF Port	Interface	Status
1	disable	--
2	FortyGigE2/0/53	UP
	FortyGigE2/0/54	UP

<H3C>dis irf configuration

MemberID	NewID	IRF-Port1	IRF-Port2
1	1	FortyGigE1/0/53	disable
		FortyGigE1/0/54	
2	2	disable	FortyGigE2/0/53
			FortyGigE2/0/54

<H3C>dis irf topology

Topology Info

-----  
IRF-Port1

IRF-Port2

MemberID	Link	neighbor	Link	neighbor	Belong To
2	DIS	---	UP	1	66a1-7eb4-0104
1	UP	2	DIS	---	66a1-7eb4-0104

至此，HCL模拟器的S5820使用40G口部署IRF的案例已完成！

配置关键点