

## 知 S6520X定期收集诊断信息文件的方法

产品特性 韦家宁 2020-04-09 发表

### 组网及说明

在设备运行的过程中为了保证设备的正常运行运行，可定期采集诊断信息文件来分析设备可能存在的问题，能针对诊断信息文件中可全面看到设备运行的状态和告警，这样就可以提前做好维护。

可使用调度工具来实现定期收集诊断信息文件

S6520版本信息如下：

H3C Comware Software, Version 7.1.070, Release 1110P02

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H3C S6520X-54QC-EI uptime is 24 weeks, 1 day, 21 hours, 29 minutes

Last reboot reason : Cold reboot

Boot image: flash:/s6520x-cmw710-boot-r1110p02.bin

Boot image version: 7.1.070, Release 1110P02

Compiled Aug 14 2018 11:00:00

System image: flash:/s6520x-cmw710-system-r1110p02.bin

System image version: 7.1.070, Release 1110P02

Compiled Aug 14 2018 11:00:00

Slot 1:

Uptime is 24 weeks,1 day,21 hours,29 minutes

S6520X-54QC-EI with 2 Processors

BOARD TYPE: S6520X-54QC-EI

DRAM: 2048M bytes

FLASH: 1024M bytes

PCB 1 Version: VER.A

Bootrom Version: 105

CPLD 1 Version: 001

CPLD 2 Version: 003

Release Version: H3C S6520X-54QC-EI-1110P02

Patch Version : None

Reboot Cause : ColdReboot

[SubSlot 0] 48SFP Plus + 2QSFP Plus

[SubSlot 1] 1/2.5/5G BASE-T

[SubSlot 2] 1/2.5/5G BASE-T

Slot 2:

Uptime is 24 weeks,1 day,20 hours,16 minutes

S6520X-54QC-EI with 2 Processors

BOARD TYPE: S6520X-54QC-EI

DRAM: 2048M bytes

FLASH: 1024M bytes

PCB 1 Version: VER.A

Bootrom Version: 105

CPLD 1 Version: 001

CPLD 2 Version: 003

Release Version: H3C S6520X-54QC-EI-1110P02

Patch Version : None

Reboot Cause : IRFMergeReboot

[SubSlot 0] 48SFP Plus + 2QSFP Plus

[SubSlot 1] 1/2.5/5G BASE-T

[SubSlot 2] 1/2.5/5G BASE-T

### 配置步骤

#### 1、配置调度工具

[H3C]scheduler job zhenduanwenjian\_caiji //创建调度工具job，命名为zhenduanwenjian\_caiji

[H3C-job-zhenduanwenjian\_caiji]command 1 display diagnostic-information //配置执行的第一个命令为display diagnostic-information，收集诊断信息文件

[H3C-job-zhenduanwenjian\_caiji]command 2 y //执行收集诊断信息文件时，设备会提示是否收集，需要选择Y，因此第二命令要属于Y

```
[H3C-job-zhenduanwenjian_caiji]command 3 y
```

```
[H3C-job-zhenduanwenjian_caiji]quit
```

## 2. 配置调度策略

```
[H3C]scheduler schedule zhenduanwenjian_caiji //创建调度策略
```

```
[H3C-schedule-zhenduanwenjian_caiji]job zhenduanwenjian_caiji //调用调度工具
```

```
[H3C-schedule-zhenduanwenjian_caiji]time repeating at 7:41 //配置运行的时间为每天7点41分，这个  
仅仅是参考，可根据需求进行设置
```

```
[H3C-schedule-zhenduanwenjian_caiji]quit
```

查看调度工具：

```
[H3C]dis scheduler job zhenduanwenjian_caiji
```

```
Job name: zhenduanwenjian_caiji
```

```
display diagnostic-information
```

```
y
```

```
Y
```

时间没到时，调度工具还未运行

```
[H3C]dis scheduler schedule zhenduanwenjian_caiji
```

```
Schedule name      : zhenduanwenjian_caiji
```

```
Schedule type      : Run on every day at 07:41:00
```

```
Start time         : Fri Apr 3 07:41:00 2020
```

```
Last execution time : Yet to be executed
```

```
-----  
Job name           Last execution status  
zhenduanwenjian_caiji      -NA-
```

当时间到时，调度策略正在运行

```
[H3C]dis scheduler schedule zhenduanwenjian_caiji
```

```
Schedule name      : zhenduanwenjian_caiji
```

```
Schedule type      : Run on every day at 07:41:00
```

```
Start time         : Fri Apr 3 07:41:00 2020
```

```
Last execution time : Fri Apr 3 07:41:00 2020
```

```
Last completion time : -NA-
```

```
Execution counts   : 1
```

```
-----  
Job name           Last execution status  
zhenduanwenjian_caiji      In process
```

当收集完诊断信息文件后，会显示Successful

```
[H3C]dis scheduler schedule zhenduanwenjian_caiji
```

```
Schedule name      : zhenduanwenjian_caiji
```

```
Schedule type      : Run on every day at 07:41:00
```

```
Start time         : Fri Apr 3 07:41:00 2020
```

```
Last execution time : Fri Apr 3 07:41:00 2020
```

```
Last completion time : Fri Apr 3 07:41:03 2020
```

```
Execution counts   : 1
```

```
-----  
Job name           Last execution status  
zhenduanwenjian_caiji      Successful
```

```
[H3C]
```

注意事项：

- 1、配置完调度工具及调度策略后，要记得save保存配置。
- 2、交换机的系统时间最好和现实时间一致，如果不一致，收集诊断信息文件的时间会与现实时间出现偏差。
- 3、收集完诊断信息文件后，可使用dir命令进一步查看诊断信息文件的文件名，方便后续下载。

