

某局点S5560X-54C-EI未配置m-lag查看m-lag命令会有回显

M-LAG/DRNI zhiliao_sntluu 2024-04-08 发表

组网及说明

版本: R6512P06

问题描述

设备没有配置m-lag, 但是相关查看m-lag命令会有回显, 导致集团巡检系统认为m-lag异常, 实验室验证6628 P40的版本如果没有配置m-lag, 这些命令回显是M-LAG is not configured.

过程分析

M-lag进程启动状态下, 输入m-lag相关命令会有回显。大概率是曾经配置过M-lag相关配置, M-lag进程启动了, 后续又取消了M-lag配置。

使用下述命令看看进程是否已启动?

```
[H3C-probe]dis process name drnid
```

```
Job ID: 17609
```

```
PID: 17682
```

```
Parent JID: 1
```

```
Parent PID: 1
```

```
Executable path: /sbin/drnid
```

```
Instance: 0
```

```
Respawn: ON
```

```
Respawn count: 2
```

```
Max. spawns per minute: 12
```

```
Last started: Tue Apr 6 00:37:50 2021
```

```
Process state: sleeping
```

```
Max. core: 1
```

```
ARGS: --MaxIssuLockTime=5400
```

TID	LAST_CPU	Stack	PRI	State	HH:MM:SS:MSEC	Name
17682	0	84K	120	S	0:0:0:210	drnid
17683	0	84K	120	S	0:0:0:0	drnid
17684	0	84K	120	S	0:0:0:0	drnid
17685	0	84K	120	S	0:0:0:0	drnid
17686	0	84K	120	S	0:0:0:0	drnid
17687	0	84K	120	S	0:0:0:0	drnid
17688	0	84K	120	S	0:0:0:0	drnid
17689	0	84K	120	S	0:0:0:0	drnid

如果已启动, 则进probe视图关闭一下进程

```
[H3C -probe]process shutdown job 17609 #这里的job id填上面display process name命令回显的id
```

```
Manually stopping a process might severely affect device operation. Perform this operation only under the guidance of HIK engineers. Continue? [Y/N]:y
```

```
Shutting down process drnid[17682] on slot 1...
```

```
Succeeded.
```

```
[H3C -probe]
```

解决方法

probe视图关闭一下进程

```
[H3C -probe]process shutdown job 17609 #这里的job id填上面display process name命令回显的id
```

```
Manually stopping a process might severely affect device operation. Perform this operation only under the guidance of HIK engineers. Continue? [Y/N]:y
```

```
Shutting down process drnid[17682] on slot 1...
```

Succeeded.

[H3C -probe]

删除mdb文件关闭进程

以单机设备示例，关闭进程方法如下：

[H3C]dis dev

Slot Type	State	Subslot	Soft Ver	Patch Ver
1	S5560X-54C-EI	Master 0	S5560X-6512P06	None

[H3C]

[H3C]

[H3C]

[H3C]

[H3C]

1. 未配置drni相关配置时drni进程未启动

[H3C]dis process name drnid

The specified process doesn't exist.

[H3C]

2. 配置drni相关配置时drni进程启动

[H3C]drni standalone enable

[H3C]Apr 8 05:00:45:105 2021 H3C DRNI/6/DRNI_SYSEVENT_MODE_CHANGE: The device's working mode changed to standalone.

[H3C]

[H3C]

[H3C]dis process name drnid

Job ID: 526

PID: 526

Parent JID: 1

Parent PID: 1

Executable path: /sbin/drnid

Instance: 0

Respawn: ON

Respawn count: 1

Max. spawns per minute: 12

Last started: Thu Apr 8 05:00:44 2021

Process state: sleeping

Max. core: 1

ARGS: -

TID	LAST_CPU	Stack	PRI	State	HH:MM:SS:MSEC	Name
526	0	84K	120	S	0:0:0:150	drnid
527	0	84K	120	S	0:0:0:0	drnid
528	0	84K	120	S	0:0:0:0	drnid
529	0	84K	120	S	0:0:0:0	drnid
530	0	84K	120	S	0:0:0:0	drnid
531	0	84K	120	S	0:0:0:0	drnid
532	0	84K	120	S	0:0:0:0	drnid

533 0 84K 120 S 0:0:0:0 drnid

[H3C]

[H3C]

[H3C]

[H3C]

3. 删除drni相关配置

[H3C]undo drni standalone enable

[H3C]Apr 8 05:01:17:513 2021 H3C DRNI/6/DRNI_SYSEVENT_MODE_CHANGE: The device's working mode changed to DR system.

[H3C]

[H3C]

[H3C]

4. 保存当前配置

[H3C]save f

Validating file. Please wait...

Saved the current configuration to mainboard device successfully.

[H3C]

[H3C]

[H3C]dis dev

Slot Type	State	Subslot	Soft Ver	Patch Ver
1 S5560X-54C-EI	Master	0	S5560X-6512P06	None

[H3C]

5. 查看配置文件名称

[H3C]dis startup

MainBoard:

Current startup saved-configuration file: NULL

Next main startup saved-configuration file: [flash:/startup.cfg](#)

Next backup startup saved-configuration file: NULL

[H3C]

[H3C]

6. 删除对应的mdb文件，注意如果是堆叠环境，需要删除每个堆叠成员的mdb文件

<H3C>delete /unreserved startup.mdb

The file cannot be restored. Delete [flash:/startup.mdb](#)? [Y/N]:y

Deleting the file permanently will take a long time. Please wait...

Deleting file [flash:/startup.mdb](#)... Done.

<H3C>

<H3C>

<H3C>

<H3C>

<H3C>

7. 不保存配置重启

<H3C>reboot f

A forced reboot might cause the storage medium to be corrupted. Continue? [Y/N]:y

Now rebooting, please wait.....%Apr 8 05:02:12:121 2021 H3C DEV/5/SYSTEM_REBOOT: System is rebooting now.

..

Starting.....

Press Ctrl+D to access BASIC BOOT MENU

Press Ctrl+E to start flash test

```

*****
*                                     *
*           H3C S5560X-54C-EI BOOTROM, Version 114           *
*                                     *
*****

```

Copyright (c) 2004-2020 New H3C Technologies Co., Ltd.

Creation Date : Aug 6 2020, 09:33:24

CPU Clock Speed : 800MHz

Memory Size : 2048MB

Flash Size : 512MB

CPLD Version : 002

PCB Version : Ver.B

Mac Address : b04414069cf6

Press Ctrl+B to access EXTENDED BOOT MENU...0

Loading the main image files..

Loading file [flash:/s5560x_ei-cmw710-system-r6512p06.bin](#).....

.....

..Done.

Loading file [flash:/s5560x_ei-cmw710-freeradius-r6512p06.bin](#)....Done.

Loading file [flash:/s5560x-ei-cmw710-escan-r6512p06.bin](#).....Done.

Loading file [flash:/s5560x_ei-cmw710-boot-r6512p06.bin](#).....Done.

Image file [flash:/s5560x_ei-cmw710-boot-r6512p06.bin](#) is self-decompressing.....

.....

.....

.....

.....

.....

.....

.....

..Done.

System is starting...

Board checking.....LSP8LTSUB

SDRAM fast selftest.....OK!

Flash fast selftest.....OK!

CPLD selftest.....OK!

Switch chip selftest.....OK!

PHY selftest.....OK!

Please check leds.....FINISHED!

Cryptographic algorithms tests passed.

Line aux0 is available.

Press ENTER to get started.

```
*****  
* Copyright (c) 2004-2020 New H3C Technologies Co., Ltd. All rights reserved.*  
* Without the owner's prior written consent, *  
* no decompiling or reverse-engineering shall be allowed. *  
*****
```

%Apr 8 05:06:09:324 2021 H3C SHELL/5/SHELL_LOGIN: TTY logged in from aux0.

<H3C>

<H3C>

<H3C>

<H3C>

8. 可以看到dmi进程未启动

[H3C]dis process nam

[H3C]dis process name drnid

The specified process doesn't exist.

[H3C]

[H3C]