

# 知 M9000防火墙板卡用紧耦合版本误升级松耦合板卡上dis boot-load出现异常

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## 组网及说明

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## 问题描述

M9014设备各框8槽到11槽之前因为工程师升错版本，生成了R9131P24，后来把这四块业务板升级到了Release 8514P17，dis version显示正常，文件中已经把P24这个系统文件删除，但是dis boot-load显示Operation failed.，且Main startup software images显示P24版本信息。

dis version

H3C Comware Software, Version 7.1.064, Release 8514P17

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H3C SecBlade IV NGFW Module uptime is 0 weeks, 3 days, 9 hours, 38 minutes

Last reboot reason: User reboot

dis boot-loader

Software images on slot 1:

Current software images:

Operation failed.

Main startup software images:

sda0:/BLADE4FWM9000-CMW710-BOOT-R9131P24.bin

sda0:/BLADE4FWM9000-CMW710-SYSTEM-R9131P24.bin

Backup startup software images:

None

dir

Directory of sda0:

```
0 -rw- 5471232 Jan 19 2019 11:12:07 BLADE4FW-CMW710-BOOT-R8514P17.bin
1 -rw- 118775808 Jan 19 2019 11:12:10 BLADE4FW-CMW710-SYSTEM-R8514P17.bin
2 -rw- 124254208 Jan 19 2019 11:05:18 SECBLADEIVNGFW-CMW710-R8514P17.ipe
3 -rw- 5470208 Dec 18 2018 06:14:56 blade4fw-cmw710-boot-r8514p20.bin
4 -rw- 118917120 Dec 18 2018 06:15:00 blade4fw-cmw710-system-r8514p20.bin
5 drw- - Dec 18 2018 06:16:22 diagfile
6 -rw- 735 Dec 18 2018 06:16:36 hostkey
7 -rw- 249 Jan 17 2019 13:57:52 ifindex.dat
8 drw- - Dec 18 2018 06:16:22 license
9 drw- - Dec 28 2018 10:34:26 logfile
10 drw- - Dec 18 2018 06:16:34 pki
11 drw- - Dec 18 2018 06:16:22 seclog
12 -rw- 591 Dec 18 2018 06:16:36 serverkey
13 -rw- 5692 Jan 17 2019 13:57:52 startup.cfg
14 -rw- 79074 Jan 17 2019 13:57:52 startup.mdb
15 drw- - Dec 28 2018 10:35:36 versionInfo
```

7647624 KB total (7283264 KB free)

boot-loader file boot slot1#da0:/BLADE4FW-C10-BOOT-R8514P17.bin s

ystem slot1#sda0:/BLADE4FW-CMW710-SYSTEM-R8514P17.bin all main

Operation failed.

## 过程分析

经实验室验证，错升紧耦合版本后，在升到松耦合版本会出现这种情况，导致下次启动还会启动紧耦合版本。

## 解决方法

需要重新进bootrom下重新升级一下，

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[Note:the operating device is sda0 |

|<1> Download Image Program To SDRAM And Run |

|<2> Update Main Image File |

|<3> Update Backup Image File |

|<4> Download Files(\*.\*) |

|<5> Modify Ethernet Parameter |

|<0> Exit To Main Menu |

||

=====  
Enter your choice(0-5): 2

在这一步选择2, 之后退到主菜单然后选择0重启

=====  
|<1> Boot System |

|<2> Enter Serial SubMenu |

|<3> Enter Ethernet SubMenu |

|<4> File Control |

|<5> Restore to Factory Default Configuration |

|<6> Skip Current System Configuration |

|<7> BootWare Operation Menu |

|<8> Skip Authentication for Console Login |

|<9> Storage Device Operation |

|<0> Reboot |

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Ctrl+Z: Access EXTENDED ASSISTANT MENU

Ctrl+C: Display Copyright

Ctrl+F: Format File System

Enter your choice(0-9): 0

通过以上步骤可以解决问题