

# 知 SecPath F100-S-G2(V7) 回退版本报错问题

软件版本升级 刘宏宇 2019-10-29 发表

## 问题描述

SecPath F100-S-G2(V7) 回退版本, 由最新版本R9524P16 升级R9510P03时, 敲命令报错如下——  
硬件不兼容;

```
<H3C>boot-loader file flash:/SECPATH1010F-CMW710-R9510P03.ipe all main  
Verifying the file flash:/SECPATH1010F-CMW710-R9510P03.ipe on slot 1.....Done.
```

H3C SecPath F100-S-G2 images in IPE:

```
f1010fw-cmw710-boot-R9510P03.bin  
f1010fw-cmw710-system-R9510P03.bin
```

The image flash:/SECPATH1010F-CMW710-R9510P03.ipe is incompatible with hardware.

## 解决方法

### 降级软件版本报错

The image flash:/SECPATH1010F-CMW710-R9510P03.ipe is incompatible with hardware.

硬件不兼容, 查看设备内存为1G, 性能不足以升级D032版本 (D032版本说明书中配套设备内存为2G),

请现场bootware下降级bootware版本到1.04; 然后重启设备, 在bootware下升级R9510P03版本。

产品系列	F1000系列防火墙	
型号	F1010/F100-M-G2/F1000-AK-120	F1005/F100-S-G2/F100-C-G2/ F100-C-EI/F1000-AK108/F1000-AK109/F1000-AK-110/60-WINet/ F100-C80-WINet
内存	2G	2G
FLASH	256MB NAND FLASH	
BOOTROM版本号	设备系列 自带版本 (该版本号可在命令行任何视图下用display version命令查看, 见注②)	

但是降级bootrom也报错, 如下

```
<H3C>bootrom update file flash:/8042f101028110_v1.04.btw slot 1  
This command will update the Boot ROM file on the specified board(s), Continue? [Y/N]:y  
Now updating the Boot ROM, please wait...  
..Done.
```

Failed to update the Boot ROM of slot 1.

现场是1G设备, 性能不足以升级D032版本, 请将现场bootware下降级bootware版本到1.04; 然后重启设备, 在bootware下升级R9510P03版本。

且需要在ctrl+b界面进行boot升降级, 如下

```
*  
*          H3C SecPath Series BootWare, Version 1.23  
*  
.....  
Compiled Date      : Apr 1 2016  
CPU Type           : XLP432  
CPU Clock Speed   : 1400MHz  
Memory Type       : DDR3 SDRAM  
Memory Size       : 32768MB  
Memory Speed      : 1333MHz  
BootWare Size     : 768KB  
Flash Size        : 8MB  
cfa0 Size         : 247MB  
CPLD A Version    : 1.0  
CPLD B Version    : 2.0  
PCB Version       : Ver.A  
  
BootWare Validating...  
Press Ctrl+B to enter extended boot menu...  
BootWare password: Not required. Please press Enter to continue.  
  
Password recovery capability is enabled.  
Note: The current operating device is cfa0  
Enter < Storage Device Operation > to select device.
```

```
-----<EXTEND-BOOTWARE MENU>-----  
<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> Clear Super Password |  
<9> Storage Device Operation |  
<0> Reboot |  
-----  
Ctrl+S: Access EXTEND-ASSISTANT MENU  
Ctrl+C: Display Copyright  
Ctrl+F: Format File System  
Ctrl+P: Fdisk Current Storage Medium  
Enter your choice(0-9): 7
```

```
-----<BootWare Operation Menu>-----  
|Note:the operating device is cfa0 |  
<1> Backup Full BootWare |  
<2> Restore Full BootWare |  
<3> Update BootWare By Serial |  
<4> Update BootWare By Ethernet |  
<0> Exit To Main Menu |  
-----  
Enter your choice(0-4): 4
```

```
-----<BOOTWARE OPERATION ETHERNET SUB-MENU>-----
|<1> Update Full BootWare |
|<2> Update Extend BootWare |
|<3> Update Basic BootWare |
|<4> Modify Ethernet Parameter |
|<0> Exit To Main Menu |
|-----|
Enter your choice(0-4): 4
|-----<ETHERNET PARAMETER SET>-----
|Note: '.' = Clear field. |
|      '-' = Go to previous field. |
|      Ctrl+D = Quit. |
|-----|
Protocol (FTP or TFTP) :FTP
Load File Name :SECPATH5000FC-CM520-R3811P0920FH
Target File Name :SECPATH5000FC-CM520-R3811P09.bin
Server IP Address :194.2.0.101
Local IP Address :193.58.0.21
Gateway IP Address :193.58.0.254
FTP User Name :ftp
FTP User Password :llllll
```

```
-----<BOOTWARE OPERATION ETHERNET SUB-MENU>-----
|<1> Update Full BootWare |
|<2> Update Extend BootWare |
|<3> Update Basic BootWare |
|<4> Modify Ethernet Parameter |
|<0> Exit To Main Menu |
|-----|
Enter your choice(0-4): 1
Loading.....Done!
428032 bytes downloaded!
Updating Basic BootWare? [Y/N]Y
Updating Basic BootWare.....Done!
Updating Extend BootWare? [Y/N]Y
Updating Extend BootWare.....Done!
```

更新完boot-ware点击0退到主菜单下重启设备

```
-----<BootWare Operation Menu>-----
|Note:the operating device is cfa0 |
|<1> Backup Full BootWare |
|<2> Restore Full BootWare |
|<3> Update BootWare By Serial |
|<4> Update BootWare By Ethernet |
|<0> Exit To Main Menu |
|-----|
Enter your choice(0-4): 0
|-----<EXTEND-BOOTWARE MENU>-----
|<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> Clear Super Password |
|<9> Storage Device Operation |
|<0> Reboot |
|-----|
Ctrl+Z: Access EXTEND-ASSISTANT MENU
Ctrl+C: Display Copyright
Ctrl+F: Format File System
Ctrl+P: Fdisk Current Storage Medium
Enter your choice(0-9): 0
```