

知 AC配置undo password-recovery enable后无法正常升级的经验案例

wlan安全 余晨 2017-07-14 发表

某局点客户在bootware菜单传系统文件升级出现报错，格式化后无法进入命令行，提示在命令行开启password-recovery功能。

```
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Press Ctrl+T to start heavy memory test
Booting Normal Extend BootWare...
The Extend BootWare is self-decompressing.....Done!
*****
*           H3C EWPXM1WCME0 BootWare, Version 1.12           *
*****
Compiled Date   : Aug 18 2015
CPU Type        : XLP432
CPU Clock Speed : 1400MHz
Memory Type     : DDR3 SDRAM
Memory Size     : 8192MB
Memory Speed    : 1333MHz
BootWare Size   : 768KB
Flash Size      : 16MB
cfa0 Size       : 4002MB
CPLD1 Version  : 001
CPLD2 Version  : 003
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 disabled.
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+Z: Access EXTEND-ASSISTANT MENU
Ctrl+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9):
Warning:All files on cfa0 will be lost! Are you sure to format?
[Y/N]Y.....
.....
Format success.
=====<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

Enter your choice(0-9): 3

=====<Enter Ethernet SubMenu>=====

```
|Note:the operating device is cfa0  |
|<1> Download Application Program To SDRAM And Run          |
|<2> Update Main Application File                          |
|<3> Update Backup Application File                       |
|<4> Update Secure Application File                       |
|<5> Modify Ethernet Parameter                          |
|<0> Exit To Main Menu                                  |
|<Ensure The Parameter Be Modified Before Downloading!>  |
```

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

=====<ETHERNET PARAMETER SET>=====

```
==
|Note:  & # 39;.& # 39; = Clear field.                    |
|      & # 39;-& # 39; = Go to previous field.             |
|      Ctrl+D = Quit.                                    |
```

=====
Protocol (FTP or TFTP) :ftp tftp

Load File Name :WCME0-CMW520-R2609P51.bin

:boot.bin

Target File Name :main.bin

:boot.bin

Server IP Address :192.168.0.30

Local IP Address :192.168.0.205

Gateway IP Address :0.0.0.0

=====<Enter Ethernet SubMenu>=====

```
|Note:the operating device is cfa0  |
|<1> Download Application Program To SDRAM And Run          |
|<2> Update Main Application File                          |
|<3> Update Backup Application File                       |
|<4> Update Secure Application File                       |
|<5> Modify Ethernet Parameter                          |
|<0> Exit To Main Menu                                  |
|<Ensure The Parameter Be Modified Before Downloading!>  |
```

=====
Enter your choice(0-5): 1

Password recovery capability is disabled. To perform this operation, first enable the password recovery capability using the password-recovery enable command in CLI.

BootWare菜单中支持配置的选项	使能密码恢复功能后	关闭密码恢复功能后	选项说明
Download Application Program To SDRAM And Run	支持	不支持	选择该选项后，设备将加载应用程序到SDRAM并且运行
Clear Super Password	支持	不支持	选择该选项并重启设备后，设备以下次启动配置文件启动，登录Console口时会清除认证密码
Skip Current System Configuration	支持	不支持	选择该选项并重启设备后，设备将以出厂配置启动，但系统不会删除下次启动配置文件
Restore to Factory Default Configuration	不支持	支持	选择该选项并重启设备后，设备会先会自动删除下次启动配置文件，再以出厂配置启动 为了设备的安全，建议关闭密码恢复功能

对于安全性要求较高的用户，在用户口令丢失后，不希望原有配置被恢复，可以在设备上关闭密码恢复功能，此时如果用户口令丢失，可以通过Bootware菜单将设备恢复为出厂配置，系统将自动删除主用和备用的配置文件。

```

===== <EXTEND-BOOTWARE MENU> =====
===
|<1> Boot System |
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|<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
Enter your choice(0-9): 5
Because the password recovery capability is disabled, this operation can
cause the configuration files to be deleted, and the system will start up
with factory defaults. Are you sure to continue?[Y/N]Y
Setting...Done.
===== <Enter Ethernet SubMenu> =====
|Note:the operating device is cfa0 |
|<1> Download Application Program To SDRAM And Run |
|<2> Update Main Application File |
|<3> Update Backup Application File |
|<4> Update Secure Application File |
|<5> Modify Ethernet Parameter |
|<0> Exit To Main Menu |
|<Ensure The Parameter Be Modified Before Downloading!> |
=====
Enter your choice(0-5): 2

```

无