

现场AP型号WA4620i-ACN本来挂在V7 AC上，先由于客户需求，需要将其切换成胖AP独立工作，但此型号AP只有V5的胖版本。代理商按照正常胖瘦切换的流程不成功。

1、查看当前AP的版本为V7瘦版本

```
<H3C>dis version
H3C Comware Software, Version 7.1.064, Release 2219
Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.
H3C WA4620i-ACN uptime is 0 weeks, 0 days, 0 hours, 1 minute
Last reboot reason : Power on

Boot image: flash:/wa4600-boot.bin
Boot image version: 7.1.064, Release 2219
  Compiled Dec 19 2017 16:00:00
System image: flash:/wa4600-system.bin
System image version: 7.1.064, Release 2219
  Compiled Dec 19 2017 16:00:00

with 1 APM86791 1000MHz Processor
256M bytes DDR3
32M bytes NorFlash Memory

Hardware Version is Ver.A
CPLD Version is 006
Basic Bootrom Version is 2.04
Extend Bootrom Version is 7.04
[Subslot 0]H3C WA4620i-ACN Hardware Version is Ver.A
[SLOT 1]GE1/0/1 (Hardware)Ver.A, (Driver)1.0
[SLOT 1]GE1/0/2 (Hardware)Ver.A, (Driver)1.0
[SLOT 1]RADIO1/0/1 (Hardware)Ver.A, (Driver)1.0
[SLOT 1]RADIO1/0/2 (Hardware)Ver.A, (Driver)1.0
```

2、重启设备并格式化之前的版本

```
<H3C>reboot
Start to check configuration with next startup configuration file, please wait.....DONE!
Current configuration may be lost after the reboot, save current configuration? [Y/N]:n
This command will reboot the device. Continue? [Y/N]:y
Now rebooting, please wait...
%Jan 15 14:45:44:590 2018 H3C DEV/5/SYSTEM_REBOOT: System is rebooting now.

System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Booting Normal Extend BootWare
The Extend BootWare is self-decompressing.....Done!

*****
*                                     *
*           H3C WA4620i-ACN BootWare, Version 7.04           *
*                                     *
*****

Copyright (c) 2004-2017 New H3C Technologies Co., Ltd.

Compiled Date   : Mar 21 2017
CPU Type       : APM86791
CPU L1 Cache   : 32KB
CPU Clock Speed : 1000MHz
Memory Type    : DDR3 SDRAM
Memory Size    : 256MB
BootWare Size  : 512KB
```

Flash Size : 32MB
CPLD Version : 006
PCB Version : Ver.A

BootWare Validating...
Press Ctrl+B to access EXTENDED-BOOTWARE MENU...

Password recovery capability is enabled.
Note: The current operating device is flash
Enter < Storage Device Operation > to select device.

=====<EXTENDED-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> Skip Authentication for Console Login
- |<9> Storage Device Operation
- |<0> Reboot

=====
=====

Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format File System
Ctrl+C: Display Copyright
Enter your choice(0-9):
Warning:All files on flash will be lost! Are you sure to format? [Y/N]Y.....

.....
.....

Format success.//格式化成功

3、上传V5胖版本文件，更新bootware

=====<EXTENDED-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> Skip Authentication for Console Login
- |<9> Storage Device Operation
- |<0> Reboot

=====
=====

Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format File System
Ctrl+C: Display Copyright
Enter your choice(0-9):

=====<EXTENDED-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> Skip Authentication for Console Login
- |<9> Storage Device Operation

```
|<0> Reboot
=====
=====
Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format File System
Ctrl+C: Display Copyright
Enter your choice(0-9): 3
```

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

```
[Note:the operating device is flash
|<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
|<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) :tftp ftp
Load File Name      :wa4600_fat.bin
                   :wa4600_fat.bin
Target File Name    :wa4600_fat.bin
                   :wa4600_fat.bin
Server IP Address   :192.168.0.1 2.2.2.2
Local IP Address    :192.168.0.2 2.2.2.1
Subnet Mask         :0.0.0.0
Gateway IP Address  :0.0.0.0
FTP User Name       :123
FTP User Password   :***** **
```

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

```
[Note:the operating device is flash
|<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
|<Ensure The Parameter Be Modified Before Downloading!>
=====
=====
```

```
Enter your choice(0-5): 1
Loading.....
.....Done.
12189696 bytes downloaded!
The image is self-decompressing.....
.....
.....
.....Done.
Extended BootWare Version is not equal,updating? [Y/N] Y
Updating Extended BootWare.....Done.//升级bootware成功
```

BootWare updated, System is rebooting now.
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Booting Normal Extend BootWare
The Extend BootWare is self-decompressing.....Done!//bootware启动成功

4、再次上传版本并更新启动版本文件

```
*
*
*          H3C WA4620i-ACN BootWare, Version 2.05          *
*
*          *
```

Copyright (c) 2004-2016 Hangzhou H3C Technologies Co., Ltd.

Compiled Date : Jun 12 2016
CPU Type : APM86791
CPU L1 Cache : 32KB
CPU Clock Speed : 1000MHz
Memory Type : SDRAM
Memory Size : 256MB
BootWare Size : 512KB
Flash Size : 32MB
CPLD Version : 006
PCB Version : Ver.A

Read net params from bootrom failed, use the default value
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 flash
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+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9):
Warning: All files on flash will be lost! Are you sure to format? [Y/N]Y.....

.....

.....

Format success.//再次格式化

===== <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+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9):

=====<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+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9): 3

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

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

=====
=====
Enter your choice(0-3): 3

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

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

=====
=====
Protocol (FTP or TFTP) :ftp ftp
Load File Name :wa4600_fat.bin
 :wa4600_fat.bin
Target File Name :wa4600_fat.bin
 :
Server IP Address :2.2.2.2
Local IP Address :2.2.2.1
Gateway IP Address :0.0.0.0
FTP User Name :123
FTP User Password :123

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

=====
|Note:the operating device is flash
|<1> Download Application Program To SDRAM And Run

```
|<2> Update Main Application File
|<3> Modify Ethernet Parameter
|<0> Exit To Main Menu
|<Ensure The Parameter Be Modified Before Downloading!>
=====
=====
Enter your choice(0-3): 2
Loading.....
.....Done!
12189696 bytes downloaded!
Updating File flash:/wa4600_fat.bin.....
.....
.....Done!//重新下载和更新版本
```

5、完成所有更新后，重启设备

```
===== <Enter Ethernet SubMenu> =====
=====
|Note:the operating device is flash
|<1> Download Application Program To SDRAM And Run
|<2> Update Main Application File
|<3> Modify Ethernet Parameter
|<0> Exit To Main Menu
|<Ensure The Parameter Be Modified Before Downloading!>
=====
=====
Enter your choice(0-3): 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+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9): 0
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Booting Normal Extend BootWare
The Extend BootWare is self-decompressing.....Done!
```

```
*****
*                                     *
*      H3C WA4620i-ACN BootWare, Version 2.05      *
*                                     *
*****
```

Copyright (c) 2004-2016 Hangzhou H3C Technologies Co., Ltd.

```
Compiled Date   : Jun 12 2016
CPU Type       : APM86791
CPU L1 Cache   : 32KB
CPU Clock Speed : 1000MHz
Memory Type    : SDRAM
Memory Size    : 256MB
BootWare Size  : 512KB
Flash Size     : 32MB
```

CPLD Version : 006
PCB Version : Ver.A

BootWare Validating...
Press Ctrl+B to enter extended boot menu...
Starting to get the main application file--flash:/wa4600_fat.bin!.....
.....
.....
.....
The main application file is self-decompressing.....
.....
.....
.....
.....
.....Done!
System application is starting...
Startup configuration file does not exist.
User interface con0 is available.

Press ENTER to get started.
<WA4620i-ACN>
#Jan 1 00:00:18:046 2009 WA4620i-ACN SHELL/4/LOGIN:
Trap 1.3.6.1.4.1.25506.2.2.1.1.3.0.1<hh3cLogIn>: login from Console
%Jan 1 00:00:18:047 2009 WA4620i-ACN SHELL/5/SHELL_LOGIN: Console logged in from con0.

6. 查看版本文件，切换成功。

<WA4620i-ACN>dis version
H3C Comware Platform Software
Comware Software, Version 5.20, Release 1508P03
Copyright (c) 2004-2016 Hangzhou H3C Tech. Co., Ltd. All rights reserved.
H3C WA4620i-ACN uptime is 0 week, 0 day, 0 hour, 0 minute

CPU type: APM86791
256M bytes DDR3 SDRAM Memory
32M bytes Flash Memory
Pcb Version: Ver.A
CPLD Version: 006
Basic BootROM Version: 2.04
Extend BootROM Version: 2.05
[SLOT 1]CON (Hardware)Ver.A, (Driver)1.0, (Cpld)6.0
[SLOT 1]GE1/0/1 (Hardware)Ver.A, (Driver)1.0, (Cpld)6.0
[SLOT 1]GE1/0/2 (Hardware)Ver.A, (Driver)1.0, (Cpld)6.0
[SLOT 1]RADIO1/0/1 (Hardware)Ver.A, (Driver)1.0, (Cpld)6.0
[SLOT 1]RADIO1/0/2 (Hardware)Ver.B, (Driver)1.0, (Cpld)6.0

- 1、在AP胖瘦切换之前，要先确认AP是否支持胖版本；
- 2、V7的瘦AP切换为V5的胖AP需要上传两次软件版本，第一次更新bootware，第二次更新AP的启动版本文件；
- 3、在加载版本文件的过程中，有可能出现提示失败的情况，这时候可以更换地址，ftp/tftp方式尝试；