

组网及说明

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配置步骤

1、首先升级扩展boot版本，要求boot版本必须为对应版本配套的7.18版本，版本文件中可获取

启动后Ctrl+B进入bootware，选择7进入bootware操作子菜单

```
*
*
*          H3C WA5320 BootWare, Version 7.15          *
*
*          *
*          *
```

Copyright (c) 2004-2018 New H3C Technologies Co., Ltd.

Compiled Date : Aug 21 2018

CPU Type : ARM

CPU L1 Cache : 32KB

CPU L2 Cache : 256KB

CPU Clock Speed : 710MHz

Memory Type : DDR3 SDRAM

Memory Size : 256MB

Memory Speed : 533MHz

Flash Size : 32MB

PCB Version : Ver.B

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.

```
=====
|<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

Ctrl+Y: Change AP Mode

Enter your choice(0-9): 7

选择4设置更新bootware方式通过网线

=====

```
|Note:the operating device is flash |
|<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

选择4设置上传配置

```
=====
|<1> Update Full BootWare          |
|<2> Update Extended BootWare      |
|<3> Update Basic BootWare         |
|<4> Modify Ethernet Parameter     |
|<0> Exit To Main Menu             |
=====
```

Enter your choice(0-4): 4

设置上传文件名, 此处是更新bootware, 需上传boot文件; 设置IP地址

```
=====
|Note:  "." = Clear field.          |
|       "-." = Go to previous field. |
|       Ctrl+D = Quit.              |
=====
```

```
Protocol (FTP or TFTP) :tftp
Load File Name       :wa5300.ipe
                    :apwa5300_v7.18.btw
Target File Name     :wa5300.ipe
                    :apwa5300_v7.18.btw
Server IP Address    :192.168.0.99 10.0.0.233
Local IP Address     :192.168.0.98 10.0.0.2
Subnet Mask          :255.255.255.0
Gateway IP Address   :0.0.0.0
```

选择1更新bootware

```
=====
|<1> Update Full BootWare          |
|<2> Update Extended BootWare      |
|<3> Update Basic BootWare         |
|<4> Modify Ethernet Parameter     |
|<0> Exit To Main Menu             |
=====
```

Enter your choice(0-4): 1

```
Loading.....Done.
1233920 bytes downloaded!
Updating Basic BootWare? [Y/N]Y
Updating Basic BootWare.....Done.
Updating Extended BootWare? [Y/N]Y
Updating Extended BootWare.....Done.
```

更新完成后选择0退回主界面并reboot

```
=====
|<1> Update Full BootWare          |
|<2> Update Extended BootWare      |
|<3> Update Basic BootWare         |
|<4> Modify Ethernet Parameter     |
|<0> Exit To Main Menu             |
=====
```

Enter your choice(0-4): 0

```
=====
|Note:the operating device is flash |
|<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

```
=====
|<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

Ctrl+Y: Change AP Mode

Enter your choice(0-9): 0

System is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU

Booting Normal Extended BootWare

The Extended BootWare is self-decompressing.....

.Done.

重启完成后查看bootwre版本为7.18, 再次Ctrl+B进入bootware, Ctrl+F格式化flash, 此处注意需要格式化, 避免空间不足导致版本解压失败

```
*
*
*          H3C WA5320 BootWare, Version 7.18          *
*
*
*****
```

Copyright (c) 2004-2019 New H3C Technologies Co., Ltd.

Compiled Date : Mar 8 2019

CPU Type : ARM

CPU L1 Cache : 32KB

CPU L2 Cache : 256KB

CPU Clock Speed : 710MHz

Memory Type : DDR3 SDRAM

Memory Size : 256MB

Memory Speed : 533MHz

Flash Size : 32MB

PCB Version : Ver.B

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.

```
=====  
|<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

Ctrl+Y: Change AP Mode

Enter your choice(0-9):

Warning:All files on flash will be lost! Are you sure to format? [Y/N]Y.....

.....
.....
Format success.

格式化完成后选择3进入ethernet子菜单

```
=====
|<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

Ctrl+Y: Change AP Mode

Enter your choice(0-9): 3

选5设置有线网络配置，上传之前需要把胖AP版本文件名改成wa5300-oasis.ipe

```
=====
|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 |
| |
=====
```

Enter your choice(0-5): 5

```
=====
|Note: "." = Clear field. |
| "-" = Go to previous field. |
| Ctrl+D = Quit. |
=====
```

Protocol (FTP or TFTP) :tftp

Load File Name :apwa5300_v7.18.btw
wa5300-oasis.ipe

Target File Name :apwa5300_v7.18.btw
wa5300-oasis.ipe

Server IP Address :10.0.0.233

Local IP Address :10.0.0.2

Subnet Mask :255.255.255.0

Gateway IP Address :0.0.0.0

配置完成后选择2，更新主版本文件

```
=====
|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 |
| |
=====
```

Enter your choice(0-5): 2

Loading.....

.....
.....
.....
.....
.....
.....
.....Done.
27445248 bytes downloaded!
Image file wa5300-oasis-boot.bin is self-decompressing...
Saving file flash:/wa5300-oasis-boot.bin
.....Done.
Image file wa5300-oasis-system.bin is self-decompressing...
Saving file flash:/wa5300-oasis-system.bin
.....
.....
.....
.....
.....Done.

升级完成后选择0退回主界面并且reboot

```
=====
|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                     |
|                                           |
=====
```

Enter your choice(0-5): 0

```
=====
|<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

Ctrl+Y: Change AP Mode

Enter your choice(0-9): 0

System is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU

Booting Normal Extended BootWare

The Extended BootWare is self-decompressing.....

.Done.

```
*****
*                                     *
*           H3C WA5320 BootWare, Version 7.18           *
*                                     *
*****
```

Copyright (c) 2004-2019 New H3C Technologies Co., Ltd.

Compiled Date : Mar 8 2019

CPU Type : ARM

CPU L1 Cache : 32KB

CPU L2 Cache : 256KB

CPU Clock Speed : 710MHz
Memory Type : DDR3 SDRAM
Memory Size : 256MB
Memory Speed : 533MHz
Flash Size : 32MB
PCB Version : Ver.B

BootWare Validating...
Press Ctrl+B to access EXTENDED-BOOTWARE MENU...
Loading the main image files...
Loading file flash:/wa5300-oasis-system.bin.....
.....
.....
Done.
Loading file flash:/wa5300-oasis-boot.bin.....
Done.

Image file flash:/wa5300-oasis-boot.bin is self-decompressing.....
.....
.....
.....
.....
.....Done.
System image is starting...

Startup configuration file doesn't exist or is invalid.
Line con0 is available.

Press ENTER to get started.
至此设备启动完成

配置关键点

- 1.需要升级设备bootware版本至7.18
- 2.升级完bootware后需要格式化Flash
- 3.对应版本文件需要修改成wa5300-oasis.ipe

云AP是Fat AP。初次使用云AP，给云AP上电后，云AP会默认开启4个无线服务：

- l 其中一个称之为管理WIFI，也称内部WIFI，SSID为H3C_XXXXXX，XXXXXX为设备mac地址后六位。管理WIFI供商铺内部员工管理使用，一般在2.4G频段工作，当设备未连接到绿洲时，通过连接管理WIFI在浏览器输入10.40.94.1或myap.h3c.com访问本地web页面可进行本设备下的无线服务管理配置，一旦连接上绿洲，将只能通过绿洲平台进行统一的无线服务配置管理。
- l 其余3个称为用户WIFI，也称商业WIFI，SSID为H3C_WiFi_1、H3C_WiFi_2、H3C_WiFi_3，不加密，不认证，不隐藏。当设备连接到外网，可为已经连接上用户WIFI的用户提供上网服务。