

知 Convert FIT AP to Oasis AP

Wireless 龚训杰 2020-05-22 Published

Network Topology

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Configuration Steps

1.To convert Fit AP to Oasis AP, the first thing to do is: Upgrade the bootrom version to 7.15 or above.

You can find the corresponding version of the .btw file in the version file.

Title	Size	Downloads
WA5300-CMW710-R2430P01-OASIS.zip	54.26 MB	↓
WA5300-CMW710-R2430P01-OASIS Release Notes.pdf	532.84 KB	↓
WA5300-CMW710-R2430P01-OASIS Release Notes (Software Feature Changes).pdf	139.41 KB	↓

File Name	Size	File Type	Created	MD5
..		文件夹		
WA5300-CMW710-R2430P01-OASIS-IMAGE.bin	33,554,432	28,745,976 BIN 文件	2020/4/2 23:21	61363946
WA5300-CMW710-R2430P01-OASIS.ipe	28,365,824	27,623,621 IPE 文件	2020/4/1 12:19	85E8D0A5
readme.docx	14,721	11,836 Microsoft Word ...	2020/4/2 19:03	2C1A35E0
apwa5300_v7.21.btw	1,244,160	515,954 BTW 文件	2019/11/26 1...	AC3B3F7E

2.Upgrade boot version: When restarting the device, long press ctrl + B to enter the boot view

Enter your choice(0-9): system is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU

Booting Normal Extend BootWare....

The Extend BootWare is self-decompressing.....Done!

```
*****
*                                     *
*           H3C WA4320H-SI BootWare, Version 7.12           *
*                                     *
*****
```

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

```
Compiled Date   : Jun 19 2017
CPU Type       : Atheros AR9531
CPU L1 Cache   : 32KB
CPU Clock Speed : 650MHz
Memory Type    : SDRAM
Memory Size    : 128MB
Memory Speed   : 450MHz
BootWare Size  : 512KB
Flash Size     : 16MB
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 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> Clear Super Password          |
|<9> Storage Device Operation      |
|<0> Reboot                        |
=====
Ctrl+C: Display Copyright
Ctrl+F: Format File System
Enter your choice(0-9): 7
```

```
=====
|Note:the operating device is flash |
|<1> Update BootWare By Serial      |
|<2> Update BootWare By Ethernet    |
|<0> Exit To Main Menu              |
=====
Enter your choice(0-2): 2
```

```
=====
|<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
```

```
=====
|Note:  "." = Clear field.          |
|      "-" = Go to previous field.  |
|      Ctrl+D = Quit.               |
=====
Protocol (FTP or TFTP) :tftp
Load File Name      :wap712h_art_v5.bin
                   :apwtu41039757_v7.21.bt
Target File Name    :wap712h_art_v5.bin
                   :apwtu41039757_v7.21.bt
Server IP Address   :192.168.1.251 192.168.0.79
Local IP Address    :192.168.1.2 192.168.0.19
Gateway IP Address  :0.0.0.0
```

```
=====
|<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!
381952 bytes downloaded!
Updating Basic BootWare? [Y/N]Y
Updating Basic BootWare.....Done!
Updating Extend BootWare? [Y/N]Y
Updating Extend BootWare.....Done!
*****
*                               *
*           H3C WA4320H-SI BootWare, Version 7.21           *
*                               *
*****
```

3.Upload the version file.
After upgrading the extended boot, restart the device (you can see that the extended boot is now version 7.21), and enter the extended boot to upgrade the device version.

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

```
*****
*                                     *
*           H3C WA4320H-SI BootWare, Version 7.21           *
*                                     *
*****
```

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

Compiled Date : Jul 31 2019
CPU Type : ATHEROS AR9531
CPU L1 Cache : 32KB
CPU Clock Speed : 650MHz
Memory Type : SDRAM
Memory Size : 128MB
Memory Speed : 450MHz
BootWare Size : 512KB
Flash Size : 16MB
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.

```
=====
|<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+Y: Change AP Mode
Enter your choice(0-9): 3

```
=====
|Note:the operating device is flash |
|<1> Download Image Program To SDRAM And Run |
|<2> Update Main Image File |
|<3> Download Files(*.*) |
|<4> Modify Ethernet Parameter |
|<0> Exit To Main Menu |
| |
=====
```

Enter your choice(0-4): 4

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

Protocol (FTP or TFTP) :tftp
Load File Name :apwtu41039757_v7.21.btw
 :**wa4300s-oasis.bin**
Target File Name :apwtu41039757_v7.21.btw
 :**wa4300s-oasis.bin** //Note here to modify the version file name

Server IP Address :192.168.0.79
Local IP Address :192.168.0.46
Subnet Mask :0.0.0.0
Gateway IP Address :0.0.0.0

```
=====
|Note:the operating device is flash          |
|<1> Download Image Program To SDRAM And Run |
|<2> Update Main Image File                 |
|<3> Download Files(*.*)                     |
|<4> Modify Ethernet Parameter               |
|<0> Exit To Main Menu                       |
|                                             |
=====
```

Enter your choice(0-4): 2
Loading.....
.....
.....
.....Done.
13698048 bytes downloaded!
Saving file flash:/wa4300s-oasis.bin
.....
.....
.....Done.

4.Change AP-mode

```
=====
|Note:the operating device is flash          |
|<1> Download Image Program To SDRAM And Run |
|<2> Update Main Image File                 |
|<3> Download Files(*.*)                     |
|<4> Modify Ethernet Parameter               |
|<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+Y: Change AP Mode

Enter your choice(0-9):

Please select the new mode

Current mode is Fit

```
=====
|NO. Mode          |
|1  Oasis Mode     |
|2  Fit Mode       |
|0  Exit           |
=====
```

Enter your choice(0-2):1

This operation takes several minutes.Please wait...
Changed to Oasis mode successfully! Please reboot the system now!
5. reboot

```
=====
|<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+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 WA4320H-SI BootWare, Version 7.21      *
*                               *
*****
```

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Compiled Date : Jul 31 2019
CPU Type : Atheros AR9531
CPU L1 Cache : 32KB
CPU Clock Speed : 650MHz
Memory Type : SDRAM
Memory Size : 128MB
Memory Speed : 450MHz
BootWare Size : 512KB
Flash Size : 16MB
PCB Version : Ver.A

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

Key Configuration

1. Upgrade the boot version to above 7.15.
2. The file name needs to be modified when upload the version [the name can be found in the version manual].
3. CTRL + Y to switch AP-mode.

