AP胖切瘦配置案例方法-V7

目录

1.1 适用产品系列

本手册适用于如下产品： WA5530、WA5510E-T、WA5530-SI、WA5630X、WA5320X、WA5320X-SI、WA5320X-E、WAP723-W2、WAP722X-W2。

1.1.1 AP胖切瘦配置案例（有WX）

操作风险提示：AP胖切瘦有风险，操作不当或者意外断电会导致设备故障，操作需谨慎。

1、在AP上执行如下操作前，必须确认wx上配置无问题、wx可以支持添加wa5530、使能了Dhcp server等。

WX配置可以参考《2.2.02 WAC380系列产品AP二层注册、无线加密配置方法（WEB版）》

2、console口登录操作，console口登录方法参考《1.03 设备管理-Console登录方法》

在AP重启的时候按住不停地按Ctrl+B进入设备的bootroom菜单，以下标黑部分为设备自动打印部分。

```
==========================<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
Ctrl+Y: Change AP Mode
Enter your choice(0-9): 此处按键 Ctrl+F，作用：格式化flash
Warning:All files on flash will be lost! Are you sure to format? [Y/N]Y //输入Y
...................................................................................................
Format success.

=========================<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
Ctrl+Y: Change AP Mode
Enter your choice(0-9): //按键Ctrl+Y，设置ap胖模式或者瘦模式
Please select the new mode
Current mode is Fat  //提示当前是fat胖模式
=============================================================:
|NO.  Mode                                |
|1    Fat Mode                            |
```

```
|2    Fit Mode                                 |
|0    Exit                                     |
================================================================
```

Enter your choice(0-2):2   //输入2，即fit瘦模式

Warning:Change from fat mode to fit mode formats the storage medium! Are you sure to continue ? [Y/N]Y //输入Y，确认切换成fit瘦模式

....

Formatted the storage medium successfully!

Changed to fit mode successfully! //修改成fit瘦模式成功。

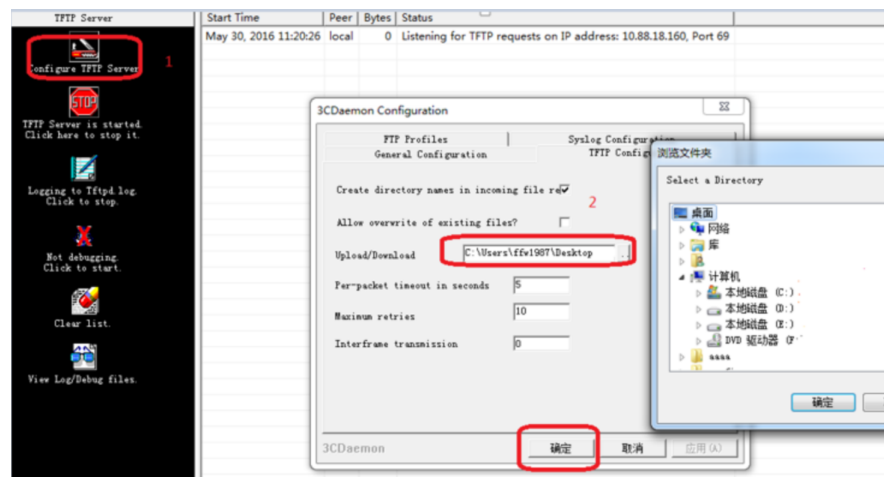此时将ap和wx网络连通，ap上电启动获取ip地址后，会主动向ac获取版本文件自动更新到ap的flash中运行。

1.1.2 AP胖切瘦配置案例（无WX）

操作风险提示：AP胖切瘦有风险，操作不当或者意外断电会导致设备故障，操作需谨慎。此情况下升级需在PC上搭建TFTP Server（推荐用户使用3CDaemon搭建TFTP服务器）

1、先下载WA5300系列瘦版本，从WX的flash apimge目录下导出wa5300.ipe文件到电脑桌面上，具体步骤如下：

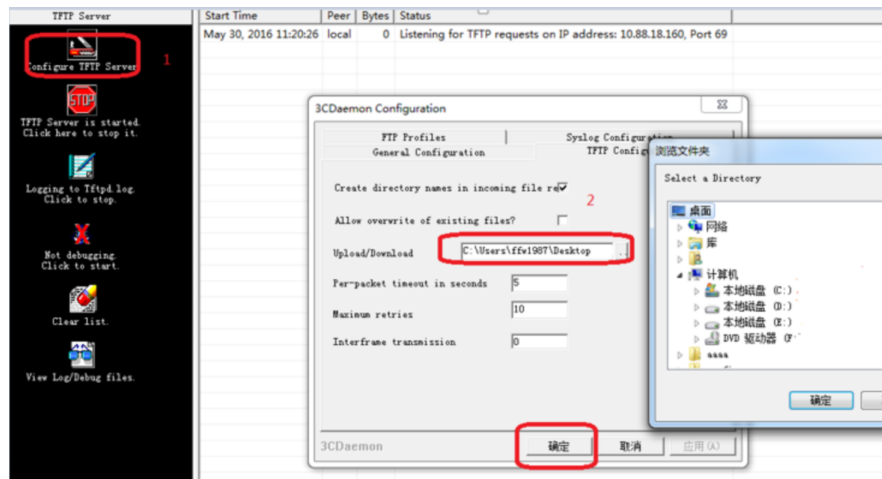电脑通过网线连接到wx内网，电脑网卡设置为：192.168.0.1 255.255.255.0，设置和wx一个网段，保证电脑和wx网络可达，如下例子打开TFTP服务器， TFTP服务器目录指向电脑桌面，然后点击确定。

Wx命令行下输入

<WX>cd apimge/

<WX>tftp 192.168.0.1 put wa5300.ipe

此时，已经把wx上的wa5300.ipe软件版本下载到电脑桌面上了

2、电脑通过网线连接到ap的一个网口，电脑网卡设置为：192.168.0.1 255.255.255.0，如下例子打开TFTP服务器，把wa5300.ipe软件版本放到电脑桌面上，TFTP服务器目录指向电脑桌面，然后点击确定。

3、console口操作，console口登录方法参考《1.03 设备管理-Console登录方法》
在AP重启的时候按住不停地按Ctrl+B进入设备的bootroom菜单，以下标黑部分为设备自动打印部分。

```
===========================<EXTENDED-BOOTWARE
MENU>=============
|<1> Boot System                                    |
|<2> Enter Serial SubMenu                           |
|<3> Enter Ethernet SubMenu                         |
|<4> File Control                                   |
|<5> Restore to Factory Default Configuration       |
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|<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): 此处按键 Ctrl+F，作用：格式化flash
```

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

....

Format success.

```
===========================<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
Ctrl+Y: Change AP Mode
```
Enter your choice(0-9): //按键Ctrl+Y，设置ap胖模式或者瘦模式

Please select the new mode
Current mode is Fat //提示当前是fat瘦模式

```
==============================================================
|NO.  Mode                                     |
|1    Fat Mode                                  |
|2    Fit Mode                                  |
|0    Exit                                      |
==============================================================
```
Enter your choice(0-2):2 //输入2，即fit瘦模式

Changed to fit mode successfully! //修改成fit瘦模式成功

```
===========================<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
Ctrl+Y: Change AP Mode
Enter your choice(0-9): 3  //进入以太口子菜单


==========================<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  //修改以太口参数


=========================<ETHERNET                  PARAMETER
SET>=============
|Note:     '.' = Clear field.                    |
|        '-' = Go to previous field.                |
|       Ctrl+D = Quit.                         |
=================================================================:
Protocol (FTP or TFTP) :ftp  TFTP
```

//忽略输出内容，直接输入TFTP，然后回车

Load File Name   : wa5300.ipe

//忽略输出内容，直接输入wa5300.ipe，然后回车

Target File Name   : wa5300.ipe

//忽略输出内容，直接输入wa5300.ipe，然后回车

Server IP Address   :192.168.0.1

//忽略输出内容，直接输入电脑主机的 IP，比如192.168.0.1，然后回车

Local IP Address   :192.168.0.50

//忽略输出内容，直接输入和电脑主机的ip同一网段，比如192.168.0.50，然后回车

Gateway IP Address   :0.0.0.0

//忽略输出内容，直接回车

备注：注意给电脑手动配置一个与AP同网段的IP地址，保证电脑与AP路由可达

```
==========================<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): 2  //输入2，更新版本
Loadin
g...........................................................................................................................
Done.
18165760 bytes downloaded!
Image file wa5300-boot.bin is self-decompressing...
Saving file flash:/wa5300-boot.bin .............Done.
Image file wa5300-system.bin is self-decompressing...
Saving file flash:/wa5300-system.bin .....................................
Done.
==========================<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): 0  //输入0返回


==========================<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
Ctrl+Y: Change AP Mode
Enter your choice(0-9): 0  //输入0，重启AP
System is starting...
设备启动完成
Press ENTER to get started.
<H3C>   //升级成功
%Dec 15 18:56:54:395 2017 H3C SHELL/5/SHELL_LOGIN: Console logged in
from con0.
```

建议与总结：

先Ctrl+F格式化flash，再Ctrl+Y选择胖模式，最后加载fit版本。