

组网及说明

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。

配置步骤

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 |
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|<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。

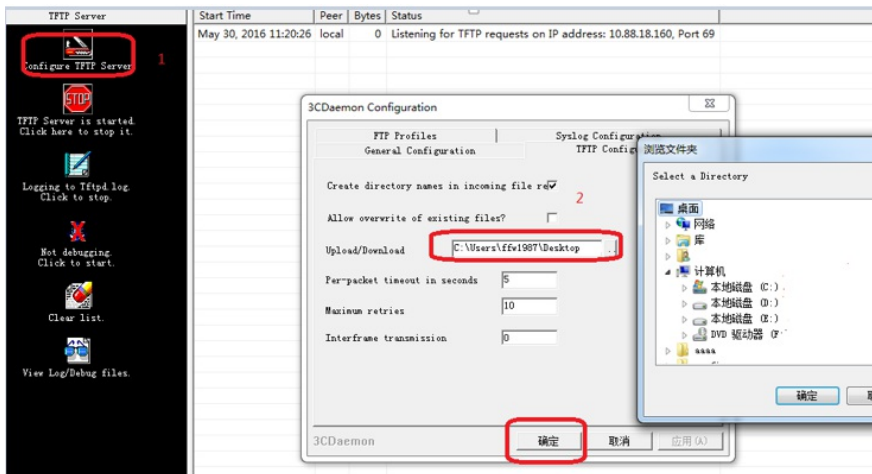
此时将ap和wx网络连通, ap上电启动获取ip地址后, 会主动向ac获取版本文件自动更新到ap的flash中运行。

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 apimg目录导出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。



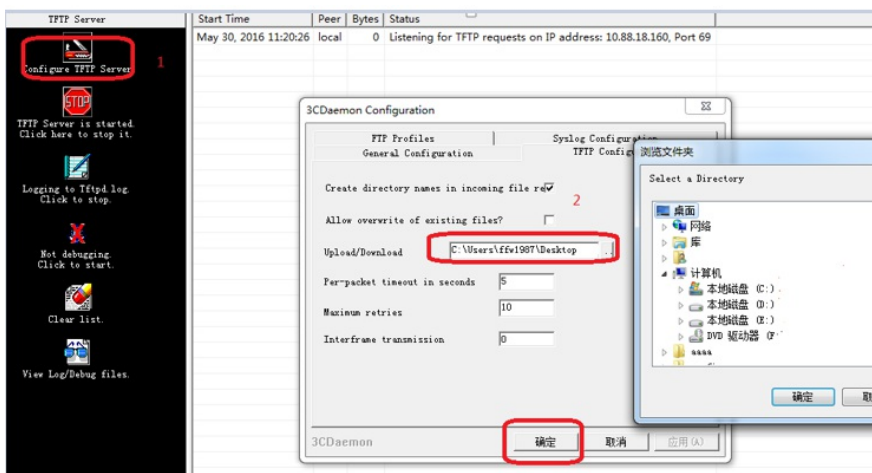
Wx命令行下输入

<WX>cd apimg/

<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 |
- |<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 |
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- |<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
Loading.....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。

```

配置关键点