

## 知 WA2610H面板AP无法注册到无线控制器处理经验案例

AP管理 刘嘉炜 2017-09-05 发表

客户现场有一台WX3024E无线控制器和若干AP,其中10台WA2620i-ACN可以正常注册,但是一台WA2610H的面板式AP却始终无法注册上线。

客户发现AP注册不上后就将AC软件版本升级至官网最新版本,并且将AP配套版本上传至AC的Flash中。现场无法注册后收集debugging wlan lwapp all后发现AP可以获取到地址,却始终从AC上获取版本。

```
*Aug 30 16:26:22:875 2017 Hinews-WX3024-AC LWPS/7/Event: [App Process Vendor] APId: 7; ElementId: 26625; Func:8219d750, ResultCode: 0.
```

```
%Aug 30 16:26:22:936 2017 Hinews-WX3024-AC DHCP/5/DHCP/ALLOCATE_IP: DHCP server information: Server IP = 10.10.10.1, DHCP client IP = 10.10.10.3, DHCP client hardware address = 1c-ab-34eb-c7f0, DHCP client lease = 86400.
```

正常情况下AP如果获取到地址,就会向AC通过lwapp的12222端口请求下载软件版本,但是在这里没有相关过程。

使用安卓数据线登陆面板AP后,得到下面命令行显示:

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

```
*****
*                                     *
*           H3C WA2610H BootWare, Version 1.03           *
*                                     *
*****
Copyright (c) 2004-2016 Hangzhou H3C Technologies Co., Ltd.
```

```
Compiled Date   : Jul 22 2016
CPU Type       : ATHEROS AR9531
CPU L1 Cache   : 32KB
CPU Clock Speed : 650MHz
Memory Type    : SDRAM
Memory Size    : 128MB
Memory Speed   : 600MHz
BootWare Size  : 512KB
Flash Size     : 16MB
PCB Version    : Ver.A
```

```
BootWare Validating...
Press Ctrl+B to enter extended boot menu...
Starting to get the main application file--flash:/wa4300s_fit.bin!
The main application file does not exist--flash:/wa4300s_fit.bin!
Starting to get the backup application file--flash:/backup.bin!
The backup application file does not exist--flash:/backup.bin!
Starting to get the secure application file--flash:/secure.bin!
The secure application file does not exist--flash:/secure.bin!
Booting App fails!
not Support Type!
Trying to get the IP address from the DHCP server.....
DHCP server's IP address is 10.10.10.1
Client's assigned address is 10.10.10.3
DNS domain name got from DHCP server is
DNS server's IP address is 0.0.0.0
Default Gateway's IP address is 10.10.10.1
This client's subnet mask is 255.255.255.0
The length of option 43 is: 0
Change State : Idle to Broadcast Discovery
Lwapp status machine init fail, the system will reboot.
[State : Idle] Reset request, rebooting the AP
```

Rebooting.....

System is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU

Booting Normal Extend BootWare....

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

提示“**Lwapp status machine init fail**”，看到目前AP的Bootrom版本为Version 1.03，所带的bootware (V1.03) 不支持自动从无线控制器下载FIT版本，导致AP无法在无线控制器上正常上线。需要将bootware版本升级到V1.04以上才行。

- 1.手动灌入最新的瘦版本，提示检查到更新的bootware版本，是否需要更新时，选择“Y”解决。
- 2.下载ftp上WA2610H胖版本文件夹中的bootware文件，给AP手动灌入bootware版本升级至V1.04后，AP可以自动从控制器下载app版本解决。