

组网及说明

以版本C5420为例，AP为物联网AP（带IOT口），传统的AC、AP组网，涉及物联网模组T300以及插卡（T300-R、T300-B、T300-Z等）

主要的流程是：

- 1、按照传统组网，上线AP、AC
- 2、配置AC连接绿洲平台
- 3、配置T300、模块类型、使能模块、报文上送模式、进出校检测
- 4、绿洲物联平台配置
- 5、可以对接第三方平台

配置步骤

#配置AC连接绿洲平台

```
[AC] cloud-management server domain oasis.h3c.com
```

#配置AP给T300供电

```
[AC] wlan ap 1f-1
```

```
[AC-wlan-ap-1f-1] poe port 3 enable
```

#配置T300模块上线（自动上线）

```
[AC] wlan ap 1f-1
```

```
[AC-wlan-ap-1f-1] iot auto-module enable
```

#开启自动T300模块自动固化功能，T300模块上线后将自动固化为手工模块。

```
[AC-wlan-ap-1f-1] iot auto-module persistent enable
```

#自动上线的模组会自动根据硬件类型识别模块类型，查看type是否为rfid或者ble，如果是rfid不用做更改，如果是ble可以手动切换为rfid。

```
[AC-wlan-ap-1f-1-module-1] type rfid
```

```
[AC-wlan-ap-1f-1-module-1] module enable
```

```
[AC-wlan-ap-1f-1-module-1] quit
```

```
[AC-wlan-ap-1f-1] quit
```

#查看对应模块状态，Module physical status为Normal说明该T300模块已经正常上线。

```
[AC] display wlan module-information ap 1f-1 module 1
```

```
Module administrative type : IOT
```

```
Module physical type : IOT
```

```
Model : T300-R
```

```
HW version : 0.2
```

```
SW version : 1.0
```

```
Module ID : TP123456789
```

```
Module physical status : Normal
```

```
Module administrative status : Enabled
```

#使能T300的扫描收包功能

```
[AC] wlan ap 1f-1
```

```
[AC-wlan-ap-1f-1] rfid-tracking iot enable
```

```
[AC-wlan-ap-1f-1] quit
```

配置物联网上报模式

```
[AC] wlan ap 1f-1
```

```
[AC-wlan-ap-1f-1] iot report-mode local (central)
```

```
[AC-wlan-ap-1f-1] quit
```

#指定RFID报文上送的绿洲平台的地址。

```
[AC-wlan-ap-1f-1] iot module-model t300-r engine-address ip 139.219.101.247 engine-port 3500
```

#指定Zigbee报文上送的绿洲平台的地址。

```
[AC-wlan-ap-1f-1] iot module-model t300-z engine-address ip 139.219.101.247 engine-port 3501
```

使用的终端（如F1手环）协议类型为BLE时，需要进行以下配置：

#打开BLE报文接收开关

```
[AC-wlan-ap-1f-1] rfid-tracking ble enable
```

#配置BLE报文的的上送服务器地址

```
[AC-wlan-ap-1f-1] rfid-tracking ble engine-address 139.219.101.247 engine-port 3502
```

#打开BLE报文的的上送服务器开关

```
[AC-wlan-ap-1f-1] rfid-tracking ble real-time report enable
```

#配置BLE报文前导码

```
[AC-wlan-ap-1f-1] rfid-tracking ble real-time report prefix ffffffff
```

#配置BLE报文上送模式，central为AC集中上送，local为AP本地上传

```
[AC-wlan-ap-1f-1] rfid-tracking ble report-mode [central/local]
```

```
[AC-wlan-ap-1f-1-module-1] type ble
```

```
# 启用模块
```

```
[AC-wlan-ap-1f-1-module-1] module enable
```

```
[AC-wlan-ap-1f-1-module-1] quit
```

```
[AC-wlan-ap-1f-1] quit
```

学生进出校本地检测:

```
# 按照实际校门的部署情况, 设置校内、校外的模块, 比如module 1对应的T300安装在校内, module 2对应的T300安装在校外。
```

注意: 配置为进出校检测的T300模块只能用于进出校判断

```
[AC-wlan-ap-1f-1] iot location module 1 inside 2 outside
```

```
# 设置决策进出校位置的各项参数 (参数需要根据实际情况优化)
```

```
[AC-wlan-ap-1f-1] iot location rssi period 4 valid-rssi 89 diff-rssi 5
```

参数说明:

period: 表示进出校判断的周期, 系统会取该周期内收到的报文进行计算;

valid-rssi: 表示参与计算报文的信号强度要求;

diff-rssi: 表示校内外两侧信号强度差值达到该值后进行校内、校外状态的切换;

配置关键点

注意: 1、目前蓝牙的配置与RFID和ZigBee不同, 蓝牙的需要单独配置

2、要根据终端的协议类型来选择插卡类型