WX5002的PPPoE Server功能的典型配置

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适用WX5002版本：Comware Software, Version 5.20, Release 1106P01

一、组网需求

WX5002、WA2110、H3C POE交换机、便携机（安装有11b/g无线网卡）

二、组网图

WX5002的IP地址为192.168.1.9，交换机的IP地址为192.168.1.254。

交换机作为二层交换机使用，WX5002和WA2110在同一VLAN。

本例中WA2110的序列号为210235A22W0077000088。

使用的SSID的名称为 **H3C-PPPoE**。

三、WX交换机的典型配置

```
#
 version 5.20, Release 1106P01
#
 sysname H3C
#
 ip pool 1 192.168.200.10 192.168.200.100
#
 domain default enable system
#
vlan 1
#
domain ppp
 authentication ppp local
 authorization ppp local
 accounting ppp local
 access-limit disable
 state active
 idle-cut disable
 self-service-url disable
 ip pool 1 192.168.200.10 192.168.200.100
domain system
 access-limit disable
 state active
 idle-cut disable
 self-service-url disable
#
local-user h3c
 password simple h3c
 service-type ppp
#
wlan rrm
 dot11a mandatory-rate 6 12 24
 dot11a supported-rate 9 18 36 48 54
 dot11b mandatory-rate 1 2
 dot11b supported-rate 5.5 11
```

```
 dot11g mandatory-rate 1 2 5.5 11
 dot11g supported-rate 6 9 12 18 24 36 48 54
#
wlan service-template 1 clear
 ssid H3C-PPPoE
 bind WLAN-ESS 1
 authentication-method open-system
 service-template enable
#
interface Virtual-Template1
 ppp authentication-mode pap domain ppp
 remote address pool 1
 ip address 192.168.200.1 255.255.255.0
#
interface NULL0
#
interface Vlan-interface1
 pppoe-server bind Virtual-Template 1
 ip address 192.168.1.9 255.255.255.0
#
interface GigabitEthernet1/0/1
#
interface GigabitEthernet1/0/2
#
interface M-Ethernet1/0/1
#
interface WLAN-ESS1
#
wlan ap ap1 model WA2100
 serial-id 210235A22W0077000088
 radio 1
  service-template 1
  radio enable
#
user-interface aux 0
user-interface vty 0 4
#
return
```

四、客户端配置

1、在无线客户端上选择连接SSID "H3C-PPPoE"

2、使用PPPoE客户端进行PPPoE拨号，用户名"h3c"，密码"h3c"

2、拨号成功后，客户端获取PPPoE地址池中的地址，并可成功ping通192.168.200.1
和192.168.1.9