

WX5002的PPPoE Server功能的典型配置

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

```
命令提示符

PPP adapter pppoe:

    Connection-specific DNS Suffix . : 
    IP Address. . . . . : 192.168.200.12
    Subnet Mask . . . . . : 255.255.255.255
    Default Gateway . . . . . : 192.168.200.12

C:\Documents and Settings\User>ping 192.168.200.1

Pinging 192.168.200.1 with 32 bytes of data:

Reply from 192.168.200.1: bytes=32 time=11ms TTL=255
Reply from 192.168.200.1: bytes=32 time=15ms TTL=255
Reply from 192.168.200.1: bytes=32 time=15ms TTL=255
Reply from 192.168.200.1: bytes=32 time=15ms TTL=255

Ping statistics for 192.168.200.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 11ms, Maximum = 15ms, Average = 14ms

C:\Documents and Settings\User>ping 192.168.1.9

Pinging 192.168.1.9 with 32 bytes of data:

Reply from 192.168.1.9: bytes=32 time=5ms TTL=255
Reply from 192.168.1.9: bytes=32 time=15ms TTL=255
Reply from 192.168.1.9: bytes=32 time=15ms TTL=255
Reply from 192.168.1.9: bytes=32 time=15ms TTL=255

Ping statistics for 192.168.1.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 5ms, Maximum = 15ms, Average = 12ms

C:\Documents and Settings\User>
```