

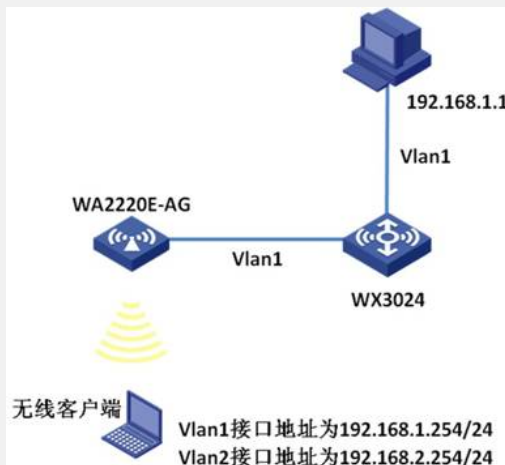
WX3024 HTTP方式定制本地Portal认证页面功能的典型配置 (Local_Auth)

适用WX3024版本: Comware Software, Version 5.20, Beta 3105P01

一、组网需求

WX3024、WA2220E-AG、便携机 (安装有11b/g无线网卡)

二、组网图



AC上VLAN1、2的IP地址分别为192.168.1.254、192.168.2.254。

WA2220E-AG处在VLAN1。

无线客户端处在VLAN2。

本例中WA2220E-AG的序列号为210235A29F0081000109。

SSID的名称为H3C-local-portal。

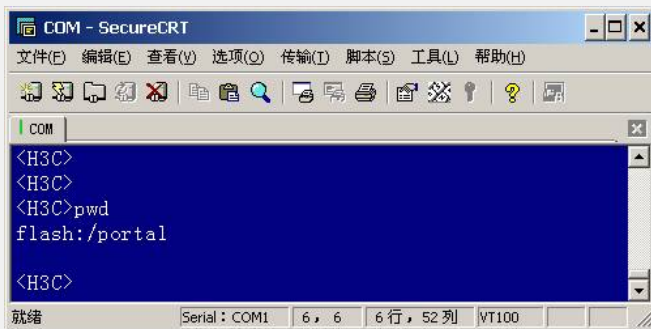
三、WX3024配置步骤

在AC Flash中新建一个名为portal的文件夹, 使用命令dir查看Flash中的文件信息:

```
<AC>mkdir portal
```

进入到新建的portal文件夹中, 使用命令pwd查看当前所在目录:

```
<AC>cd portal
```



使用TFTP方式将定制的面文件http.zip上传到flash:/portal中:

```
<AC>tftp 192.168.1.1 get http.zip
```



配置本地认证用户名

```
[AC] local-user portal
```

```
[AC-luser-portal]service-type portal
```

```
[AC-luser-portal]password simple portal
# 配置无线服务模板
[AC]wlan service-template 2 clear
[AC-wlan-st-2]ssid H3C-local-portal
[AC-wlan-st-2]bind WLAN-ESS 2
[AC-wlan-st-2]service-template enable
# 配置无线口，添加到vlan2
[AC]interface WLAN-BSS 2
[AC-WLAN-BSS2] port access vlan 2
# 在AC下绑定无线服务模板
[AC]wlan ap ap model WA2220E-AG
[AC-wlan-ap-ap]serial-id 210235A22W0073000002
[AC-wlan-ap-ap]radio 2
[AC-wlan-ap-ap-radio-2]service-template 2
[AC-wlan-ap-ap-radio-2]radio enable
# 配置Portal Server和免认证规则
[AC]portal server local ip 192.168.1.254
[AC]portal free-rule 0 source interface GigabitEthernet1/0/1 destination any
[AC]portal local-server http
# 绑定定制的HTTP页面到需要Portal认证的SSID
[AC]portal local-server bind ssid H3C-local-portal file http.zip
# 在Vlan接口下使能Portal
[AC]interface Vlan-interface 2
[AC-Vlan-interface1]ip address 192.168.2.254 24
[AC-Vlan-interface1]portal server local method direct
```

四、WX3024交换机的典型配置

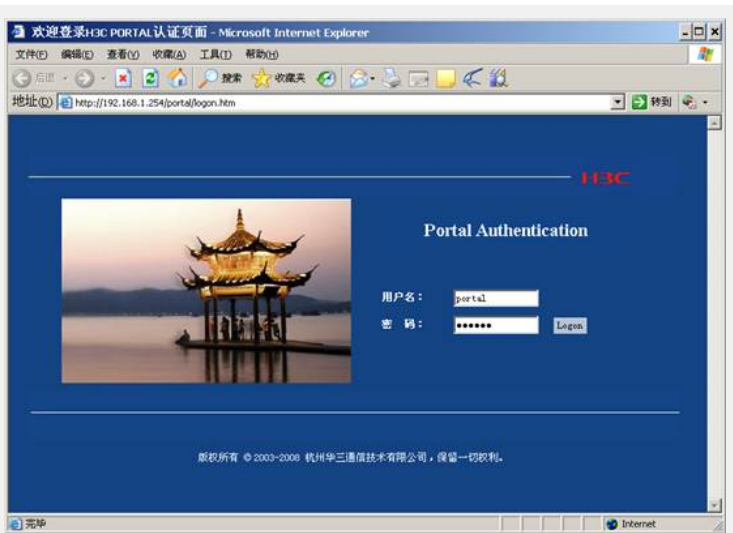
```
#
version 5.20, Beta 3105P01
#
sysname AC
#
domain default enable system
#
telnet server enable
#
port-security enable
#
portal server local ip 192.168.1.254
portal free-rule 0 source interface GigabitEthernet1/0/1 destination any
portal local-server http
portal local-server bind ssid H3C-local-portal file http.zip
#
oap management-ip 192.168.0.101 slot 0
#
vlan 1
#
vlan 2
#
domain system
access-limit disable
state active
idle-cut disable
self-service-url disable
#
dhcp server ip-pool vlan1
network 192.168.1.0 mask 255.255.255.0
#
dhcp server ip-pool vlan2
network 192.168.2.0 mask 255.255.255.0
gateway-list 192.168.2.254
#
user-group system
#
local-user admin
```

```
password simple admin
authorization-attribute level 3
service-type telnet
local-user portal
password simple portal
service-type portal
#
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 2 clear
ssid H3C-local-portal
bind WLAN-ESS 2
service-template enable
#
interface NULL0
#
interface Vlan-interface1
ip address 192.168.1.254 255.255.255.0
#
interface Vlan-interface2
ip address 192.168.2.254 255.255.255.0
portal server local method direct
#
interface GigabitEthernet1/0/1
port link-type trunk
port trunk permit vlan all
#
interface WLAN-ESS2
port access vlan 2
#
wlan ap ap model WA2220E-AG
serial-id 210235A29F0081000109
radio 1
radio 2
service-template 2
radio enable
#
dhcp enable
#
load xml-configuration
#
user-interface aux 0
user-interface vty 0 4
authentication-mode scheme
user privilege level 3
#
return
```

五、验证结果

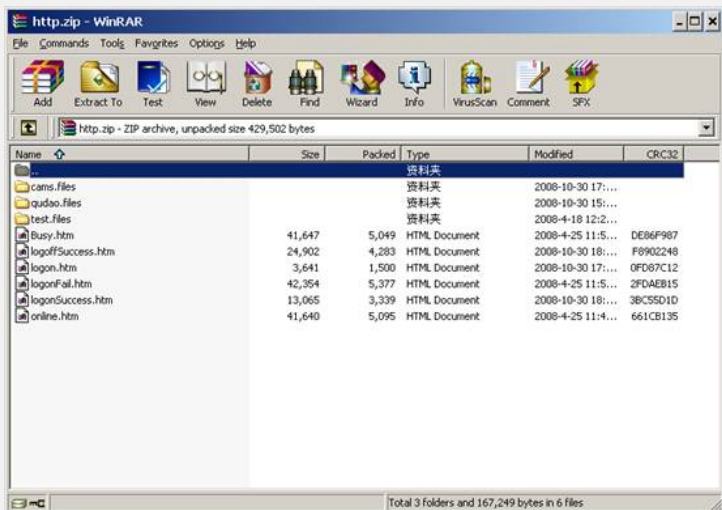
客户端的相关配置

在STA上打开IE, 输入任意IP地址 (如1.1.1.1) , 推出定制的HTTP认证页面, 输入帐号, 完成认证。

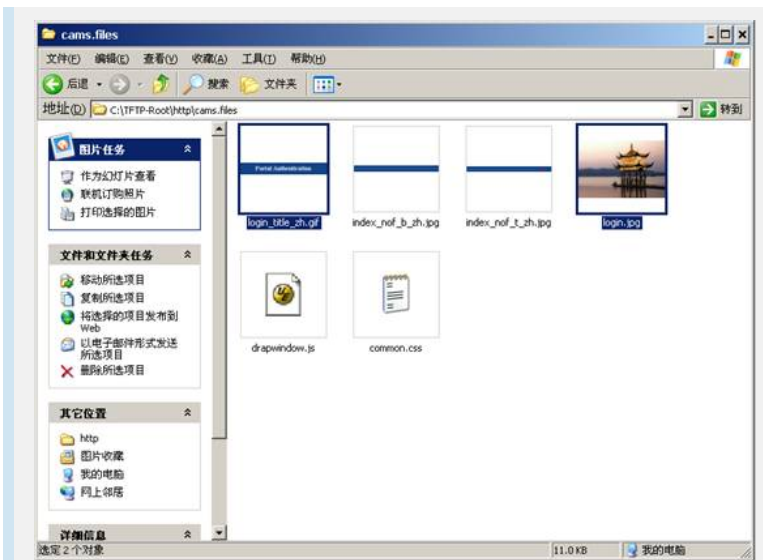


六、Q&A

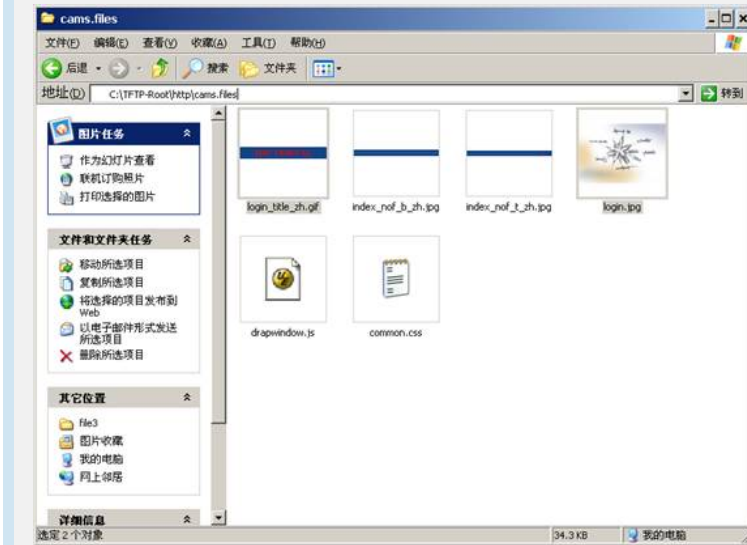
- 1、定制的HTTP页面文件必须放置在flash:/portal文件夹下。
- 2、定制的页面文件只能是.zip类型，该文件名称任意，注意压缩包内的文件名称和目录一定要图示的文件名称保持一致。



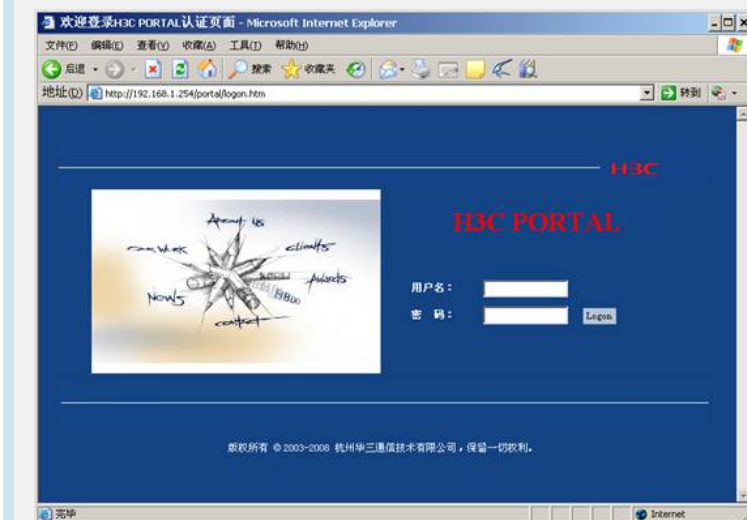
- 3、可将cams.files文件夹下的两个图片文件进行替换（图片格式保持一致）。



4、替换后图片如图所示



5、推出以下PORTAL认证页面。



6、通过修改脚本，可改变认证页面内容（将logon.htm文件用记事本方式打开），修改TITLE内容及提示信息内容。

