

# WX3024 HTTP方式定制本地Portal认证页面功能典型配置 (Local\_Auth)

杨杰 2008-11-07 发表

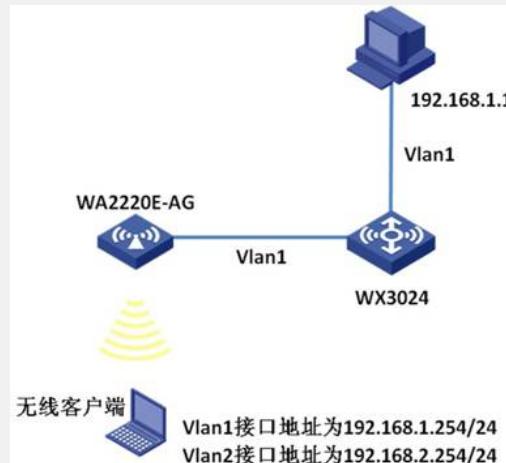
## WX3024 HTTP方式定制本地Portal认证页面功能的典型配置 (Local\_Auth)

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
```

```
<H3C>
<H3C>
<H3C>pwd
flash:/portal
<H3C>
```

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

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

```
<AC>dir
Directory of flash:/portal/
          0      -rw-    269474  Apr 26 2000 13:53:14    http.zip
54610 KB total (6795 KB free)
<AC>
```

# 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 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**

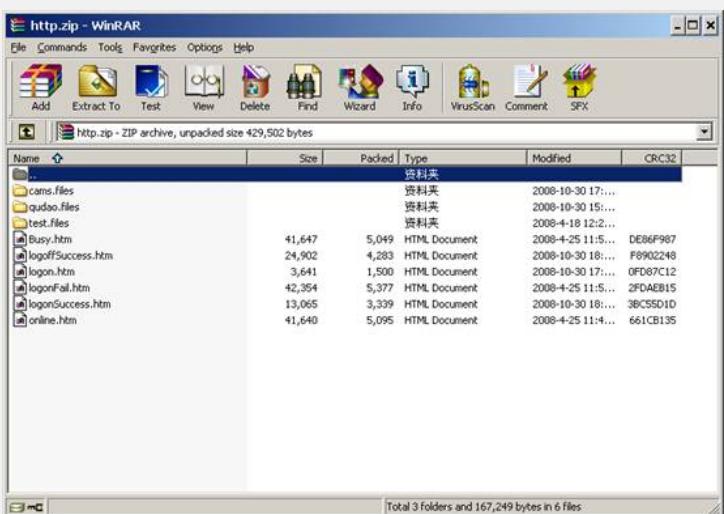
**客户端的相关配置**

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。

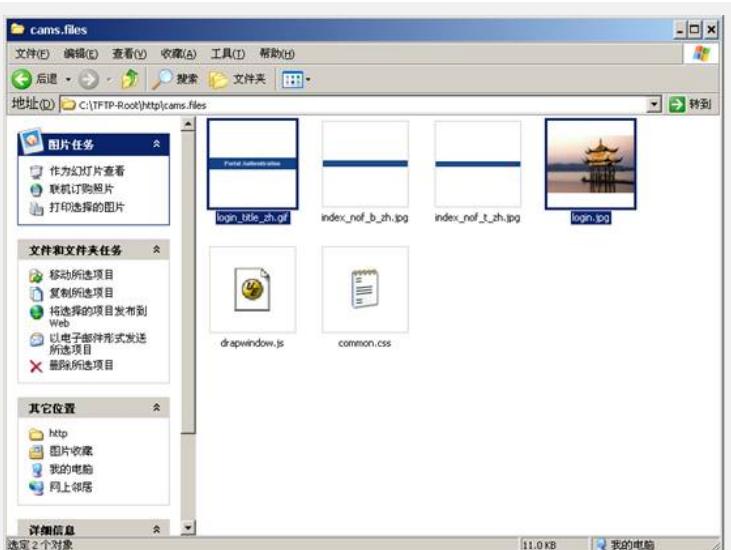


## 六、Q&A

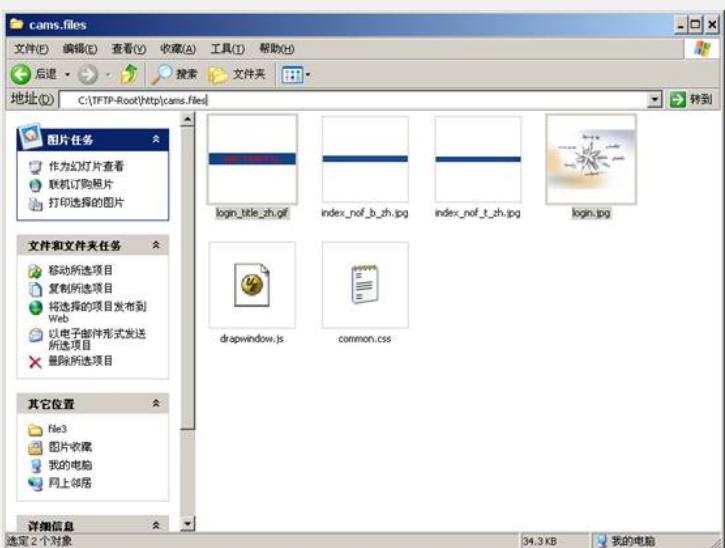
- 1、定制的HTTP页面文件必须放置在flash:/portal文件夹下。
- 2、定制的页面文件只能是.zip类型，该文件名称任意，注意压缩包内的文件名称和目录一定要图示的文件名称保持一致。



- 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。

```
logon.htm - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
<HTML><HEAD><TITLE>欢迎登录HSC PORTAL认证页面</TITLE><LINK href="cams.Files/common.css" rel="stylesheet">
<SCRIPT language=JavaScript src="cams.Files/drapwindow.js"></SCRIPT>

<HEHTA http-equiv="Content-Type" content="text/html; charset=GBK">
<SCRIPT language=JavaScript>
function checkvalue()
{
    if (loginForm.UserName.value == null || loginForm.UserName.value == "") {
        alert("请输入您的登录名。");
        document.loginForm.UserName.focus();
        return false;
    }
    return true;
}

// The backup and restore warning informations,by g02084,2006-12-29.
// Get the screen width and height
var posLeft = parseInt( screen.availWidth * 70.0 / 100 );
var posHeight = parseInt( screen.availHeight * 50.0 / 100 );

function getWarnShellStyle()
{
    var styleTest = "#index:10002;width:210;height:110;left:" + posLeft
        + "top:" + posHeight + ";background-color:slategray;color:red;"
        + "font-size:12px;font-family:Verdana;position:absolute;"
        + "cursor:default;border:1px solid slategray;";
    return styleTest;
}

function getWarnContentStyle()
{
    var styleTest = "width:210;height:110;left:" + posLeft
```

```
<logon.htm - 记事本  
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)  
  
<TD noWrap align=right width="50%" rowSpan=5>&nbsp;&nbsp;<IMG height="21" src="cams.files/login.jpg" width="341"/></TD>  
<TD align=button colSpan=2  
height=65>&nbsp;&nbsp;&nbsp;&nbsp;<IMG height="40" src="cams.files/login_title_zh.gif" width="300" /><TD></TR>  
<TR height=35>  
<TD align=middle colSpan=2>  
<P align=center><B><FONT color=red>&nbsp; </FONT></B></P></TD></TR>  
<TR height=30>  
<TD style="COLOR: white" nowrap align=right  
width="45%"><B>用户名: &nbsp;&nbsp;&nbsp;&nbsp;</B> </TD><TD width="35%"><INPUT style="WIDTH: 180px" maxLength=32  
name=PUtUser> </TD></TR>  
<TR height=30>  
<TD style="COLOR: white" nowrap align=right  
width="45%"><B>密 码:&nbsp;&nbsp;&nbsp;&nbsp;</B> </TD><TD width="35%"><INPUT style="WIDTH: 180px" type=password  
maxLength=32 name=PUtPass> </TD></TR>  
CURSOR: hand; BORDER-TOP-STYLE: none; PADDING-TOP: 1px;  
BORDER-RIGHT-STYLE: none; BORDER-LEFT-STYLE: none; BACKGROUND-COLOR: #b7c5d8; BORDER-BOTTOM-STYLE:  
none" name=PUtButton type=submit value=Logon>  
</TD></TR>  
<TR height=57>  
<TD align=middle colSpan=2>  
<P align=center><B><FONT color=red></FONT></B></P></TD>  
<TD colSpan=2>&nbsp; </TD></TR>  
<TR height=48>  
<TD colSpan=3><IMG height="56" src="cams.files/index_no_f_b_zh.jpg" width="768"/></TD></TR>  
<TR height=40>  
<TD style="COLOR: white" align=middle colSpan=3>版权所有 &copy; 2003-2008  
杭州华三通信技术有限公司, 保留一切权利.  
</TD></TR></TBODY></TABLE></TD></TR></TBODY></TABLE></FOR></BODY></HTML>
```

#### 7、推出以下PORTAL认证页面

