# WLC 5760/3850使用本地身份验证的自定义 Web身份验证配置示例

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## 简介

本文档介绍如何在无线局域网控制器(WLC)上配置使用本地身份验证的自定义WebAuth。

## 先决条件

### 要求

在配置和自定义WebAuth之前,请确保您的PC:

- •在开放服务集标识符(SSID)上具有IP地址
- 可以ping默认网关
- •可以识别和定位域名服务器(DNS)(ipconfig/all)
- •可以解析名称(使用nslookup)
- 可以访问Internet

### 使用的组件

本文档中的信息基于以下软件和硬件版本:

•运行3.3代码的5760 WLC

- Cisco Aironet 3600 系列轻型接入点
- Microsoft Windows 7 本地无线请求方

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原 始(默认)配置。如果您使用的是真实网络,请确保您已经了解所有命令的潜在影响。



网络图



### 验证、授权和记帐 (AAA)

以下是AAA的配置。这将配置身份验证和授权配置文件,以便连接的客户端通过本地WLC数据库的 身份验证。 aaa authorization network default local aaa authorization credential-download default local

### 参数映射

以下是参数映射的配置。本部分介绍如何在WLC上配置虚拟IP地址以及如何设置参数类型,这有助 于指定重定向URL、登录页、注销页和失败页。您必须确保闪存具有这些文件。

parameter-map type webauth global virtual-ip ipv4 1.1.1.1

parameter-map type webauth custom
type webauth
redirect on-success http://www.cisco.com
banner text ^C CC global ip for redirect ^C
custom-page login device flash:webauth\_login.html
custom-page success device flash:webauth\_success.html
custom-page failure device flash:webauth\_failure.html
custom-page login expired device flash:webauth\_expired.html

### 无线局域网(WLAN)配置

以下是WLAN的配置。WLAN已配置为第3层安全。此配置将身份验证列表映射到 Local webauth,并确保身份验证由本地网络用户处理。这将调用初始步骤中的AAA配置。

wlan webauth 1 webauth

client vlan Vlanx no security wpa no security wpa akm dotlx

no security wpa wpa2
no security wpa wpa2 ciphers aes
security web-auth
security web-auth authentication-list local\_webauth

security web-auth parameter-map custom

session-timeout 1800 no shutdown

#### 全局配置

将此配置用于全局配置。确保已启用HTTP/HTTPS和IP设备跟踪。如果不启用HTTP/HTTPS,则不 会获取网页。

ip http server
ip device tracking

创建本地用户

使用此命令可创建本地用户。

username <username> password 0 <password>

用于文件传输的FTP配置

#### 将此配置用于文件传输的FTP配置。

ip ftp username <username>
ip ftp password <password>

#### 上传到闪存

使用此命令可将自定义HTML文件上传到Flash:使用命令:

5760# **copy ftp://x.x.x.webauth\_login.html flash:** 以下是Flash内容的示例:

w-5760	-2# <b>dir</b>	flash:					
Direct	ory of	flash:/					
64649	-rw-	1164	Oct 7	2013	04:36:23	+00:00	webauth_failure.html
64654	-rw-	2047	Oct 7	2013	13:32:38	+00:00	webauth_login.html
64655	-rw-	1208	Oct 7	2013	04:34:12	+00:00	webauth_success.html
64656	-rw-	900	Oct 7	2013	04:35:00	+00:00	webauth_expired.html
64657	-rw-	96894	Oct 7	2013	05:05:09	+00:00	web_auth_logo.png
64658	-rw-	23037	Oct 7	2013	13:17:58	+00:00	web_auth_cisco.png
64660	-rw-	2586	Oct 7	2013	13:31:27	+00:00	web_auth_aup.html

#### Webauth\_login HTML示例

如果需要修改或自定义,您必须让知道HTML的开发人员参与,思科技术支持中心未涵盖该HTML。

```
<HTML><HEAD>
<TITLE>Authentication Proxy Login Page</TITLE>
<script type="text/javascript">
var pxypromptwindow1;
var pxysubmitted = false;
function submitreload() {
   if (pxysubmitted == false) {
      pxypromptwindow1=window.open('', 'pxywindow1',
'resizable=no,width=350,height=350,scrollbars=yes');
      pxysubmitted = true;
       return true;
   } else {
       alert("This page can not be submitted twice.");
       return false;
   }
}
</script>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<style type="text/css">
body {
  background-color: #ffffff;
}
</style>
</HEAD>
<BODY>
<Hl><img src="http://192.168.2.91/flash:web_auth_logo.png" width="75" height="50" alt="Cisco
Logo" longdesc="http://www.cisco.com"></H1>
<center>
<H2> Wireless Guest Access Web Authentication</H2>
<center>
<iframe src="http://192.168.2.91/flash:web_auth_aup.html" width="950" height="250"</pre>
```

```
scrolling="auto"></iframe><BR><BR>
```

```
<FORM method=post action="/" target="pxywindow1">
Username: <input type=text name=uname><BR><BR>
Password: <input type=password name=pwd><BR><BR>
<input type=submit name=ok value=OK onClick="return submitreload();">
</FORM><noscript>
<BR>
<111.>
<H2><FONT COLOR="red">Warning!</FONT></H2>
 JavaScript should be enabled in your Web browser
    for secure authentication
 <LI>Follow the instructions of your Web browser to enable
     JavaScript if you would like to have JavaScript enabled
     for secure authentication</LI>
 <BR>OR<BR><BR>
 <LI> Follow these steps if you want to keep JavaScript
     disabled or if your browser does not support JavaScript
   <01.><BR>
     <LI> Close this Web brower window</LI>
     <LI> Click on Reload button of the original browser window</LI>
   </OL></LI>
</UL>
</noscript>
<center>
 
<img src="http://192.168.2.91/flash:web auth_cisco.png" alt="Cisco Powered" width="215"</pre>
height="136" align="middle" longdesc="http://www.cisco.com">
</center>
</BODY></HTML>
```

#### 屏幕截图

以下是客户端的一些屏幕截图:

客户端连接到WLAN并自动重定向:



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## 验证

当前没有可用于此配置的验证过程。

## 故障排除

目前没有针对此配置的故障排除信息。