使用本機驗證的WLC 5760/3850自訂WebAuth組 態範例

目錄

簡介 必要條件 需求 採用元件 設定 網路圖表 驗證、授權及記帳(AAA) 引數對映 <u>無線LAN(WLAN)組態</u> 全域組態 建立本地使用者 檔案傳輸的FTP組態 上傳到快閃記憶體 Webauth_login HTML範例 螢幕截圖 驗證 疑難排解

簡介

本檔案介紹如何在無線LAN控制器(WLC)上使用本機驗證設定自訂WebAuth。

必要條件

需求

設定和自訂WebAuth之前,請確認您的PC:

- 在開放服務集識別碼(SSID)上有一個IP地址
- 可以ping通預設網關
- •可以識別並找到網域名稱伺服器(DNS)(ipconfig/all)
- •可以解析名稱(使用nslookup)
- 可以訪問Internet

採用元件

本文中的資訊係根據以下軟體和硬體版本:

• 執行3.3代碼的5760 WLC

- Cisco Aironet 3600系列輕量型存取點
- Microsoft Windows 7本機無線請求方

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除(預設))的組態來啟動。如果您的網路正在作用,請確保您已瞭解任何指令可能造成的影響。

設定

網路圖表



驗證、授權及記帳(AAA)

以下是AAA的配置。這樣可配置身份驗證和授權配置檔案,以便連線的客戶端通過身份驗證連線到 本地WLC資料庫。 aaa authorization network default local aaa authorization credential-download default local

引數對映

以下是引數對映的配置。本節介紹如何在WLC上設定虛擬IP位址,以及如何設定引數型別,這有助 於指定重新導向URL、登入頁面、登出頁面和失敗頁面。您必須確保快閃記憶體中有這些檔案。

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

無線LAN(WLAN)組態

以下是WLAN的組態。WLAN配置為第3層安全。此配置將身份驗證清單對映到Local_webauth並確 保本地網路使用者處理身份驗證。這將呼叫初始步驟中的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

全域組態

將其用於全域性配置。確保已啟用HTTP/HTTPS和IP裝置跟蹤。如果不啟用HTTP/HTTPS,則不會 獲取網頁。

ip http server
ip device tracking

建立本地使用者

使用此命令可建立本地使用者。

username <username> password 0 <password>

檔案傳輸的FTP組態

將其用於FTP配置以進行檔案傳輸。

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

上傳到快閃記憶體

使用以下命令將自訂HTML檔案上傳到Flash:使用命令:

5760# **copy ftp://x.x.x.webauth_login.html flash:** 以下是Flash內容的範例:

w-5760-2# d :	ir	fla	ash	:
D'		£ 1	1	. ,

ory of	flash:/					
-rw-	1164	Oct 7	2013	04:36:23	+00:00	webauth_failure.html
-rw-	2047	Oct 7	2013	13:32:38	+00:00	webauth_login.html
-rw-	1208	Oct 7	2013	04:34:12	+00:00	webauth_success.html
-rw-	900	Oct 7	2013	04:35:00	+00:00	webauth_expired.html
-rw-	96894	Oct 7	2013	05:05:09	+00:00	web_auth_logo.png
-rw-	23037	Oct 7	2013	13:17:58	+00:00	web_auth_cisco.png
-rw-	2586	Oct 7	2013	13:31:27	+00:00	web_auth_aup.html
	ory of -rw- -rw- -rw- -rw- -rw- -rw- -rw-	ory of flash:/ -rw- 1164 -rw- 2047 -rw- 1208 -rw- 900 -rw- 96894 -rw- 23037 -rw- 2586	ory of flash:/ -rw- 1164 Oct 7 -rw- 2047 Oct 7 -rw- 1208 Oct 7 -rw- 900 Oct 7 -rw- 96894 Oct 7 -rw- 23037 Oct 7 -rw- 2586 Oct 7	ory of flash:/ -rw- 1164 Oct 7 2013 -rw- 2047 Oct 7 2013 -rw- 1208 Oct 7 2013 -rw- 900 Oct 7 2013 -rw- 96894 Oct 7 2013 -rw- 23037 Oct 7 2013 -rw- 2586 Oct 7 2013	ory of flash:/-rw-1164Oct 7 2013 04:36:23-rw-2047Oct 7 2013 13:32:38-rw-1208Oct 7 2013 04:34:12-rw-900Oct 7 2013 04:35:00-rw-96894Oct 7 2013 05:05:09-rw-23037Oct 7 2013 13:17:58-rw-2586Oct 7 2013 13:31:27	ory of flash:/-rw-1164Oct 7 2013 04:36:23 +00:00-rw-2047Oct 7 2013 13:32:38 +00:00-rw-1208Oct 7 2013 04:34:12 +00:00-rw-900Oct 7 2013 04:35:00 +00:00-rw-96894Oct 7 2013 05:05:09 +00:00-rw-23037Oct 7 2013 13:17:58 +00:00-rw-2586Oct 7 2013 13:31:27 +00:00

Webauth_login HTML範例

如果需要任何修改或自定義,您必須讓瞭解HTML的開發人員參與,思科技術支援中心不提供此功 能。

```
<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>
<H1><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>
```

螢幕截圖

以下是來自客戶的一些截圖:

客戶端連線到WLAN並自動重定向:

D Catlind	to Irea Mangation Berlind - Weston	a letter at Toplane		0.00
00.	E Interio 11111 (Separated		+ + × 2 4mr	• م
Anoste	s 🍓 🗿 topprovites + 🗿	na ku baku •		
# Cetto	sta il inni fravigation Bloched		9 · 0 · 0 ÷ + +	lage = Salety = Tools = 📦 =
8	There is a problem with	this website's security certific	de.	
	The security services presents The security services presents	ed by the website was not issued by a of by the website was assed for a diff	traited outfloate authority. every substary address.	
	Security certificate problems in server.	ey indicate an attempt to feel you an	nterospt any stata yeu sanet to the	
	We recommend that you clo	as this webpage and do not contin	as to this website.	
	Click Asia to close the webs	raja.		
	Cartinus la this sebute (re	et reservine ded.		
	More information			
				Da la
Date			Childrenet Protecter Made Of	9 . 5.05 .

Authentication Prog. Login Page - Medicus Internal Englisher			le la
Contract Contract of the second		1 × 1 × 1	(1) (Marcol 1)
Ferrinters 🖉 Austrentization Proce Login Page		5-8-3N	er Sefety + Took +
cisco			
Wireles	s Guest Access Web Auther	ntication	
Acceptable Use Policy			ñ
Please amount the policy:			
1. Van any approachts for			1
 (1) maintaining the confidentiality of the paraword and (2) all activities that accor under year contains only 	i animal		
2. Ciero systems offers the Service for activities such comparate interests. High volume data transfers, coper server by use of our Service is prolabiled. Trying to a personal data without their knowledge and interference	at the active use of a sual, instant corotaging, i sully usualized high volume data transitives are a cores someone else's account, sending unsolici it with other network users are all probabiled.	browing the World Wide Web and not permitted. Howing a web server ited bulk e-mail, collection of other p	accepting or any other explets
	Useranae avent		
	Barriel and	De .	
	Panword *****		
	68		
Automatication Principage Page - Windows Internet Easternet			(11)9
Ferriter D Automotive from Lower Rase			* 540 * 100 *
Acceptable Use Policy			ň
Please accept the policy			
1. You are encouble for			
 You are responsible for maintaining the confidentiality of the processed are all statistics the confidentiality. 	1		1
 You are responsible for anistaining the confidentiality of the processed and at arbitics that occur under your usersame and p 	6 juaireand.	🖉 Automotion Pricy Logical Proje 1	N+4 C 166.4
 You are responsible for maintaining the confidentiality of the processed and all activities that occur under your username and p Cisco systems offers the Service for activities such corporate intranets. High volume data transfers, espe 	d partword. as the active use of a rank, instant surrouging, cially matained high valuese data transfers, are	🖉 Auformaton Proy Logical Prije - 1 💽 mon - 1111	Ned
 You are responsible for substaining the confidentiality of the processed and all activities that occur under your usersame and p Cocur systems offers the Service for activities such corporate intraster. High volume data transfers, espe- saryor by use of our Service is prohibited. Trying to a personal data without their knowledge and intrinsfers 	d parryord. In the active use of a cool, instart surraiging, cially matained high valuese data traveling, are access someone devia account, reading masilie or with other activost users are all published.	27 Aufternis alson Proy Lingue Proje 1 2 Junii 1111 CC: global in for redrect	Ned
 You are responsible for an entropy of the confidentiality of the processed and all activities that occur under your usersame and p Cisco systems offers the Service Se activities and corporate intranen. High volume data transfers, espe- sative by use of our Service is prohibited. Trying to a personal data without their knowledge and interference 	d pairword. cally matained high valuese data travelier, are uccess someone click account, reading unside to with other network users are all pushimed.	Katania atan Pany Lapat Pape 1 Distant LLLL CC plobal ip for redrect Asteratization Successibil 1	Ned
 You are responsible for (i) maintaining the confidentiality of the processed and (ii) all activities that occur under your username and p Cisco systems offers the Service for activities such corporate intranses. High volume data transfers, superserver by use of our Service is probabled. Trying to a personal data without their knowledge and interference 	d patroord. cially natained high values data transform, are meets someone che's account, sending unside ce with other nativork users are all pushibited. Usermanne purel	Automotion Proy Lopest Page 1 Toron 1111 CC global ip for redrect Automic Successity 1 CSck 2002 to some for mained 0	Ned
 You are responsible for (i) maintaining the confidentiality of the processed and (ii) all activities that occur under your usersame and p Cisco systems offers the Service for activities such corporate intrasers. High volume data transfers, espensive by use of our Service is probabled. Trying to a personal data without their knowledge and interference 	d parrword. ins the active use of a rasil, instant earstaging, cially matained high values data transfers, are scress someone else's account, reading unside or with other network users are all published Usermanne parel Password, *****	Automodum Proy Legent Page 1 Prove 1111 CC global in for redrect Automic atom Successful 1 CSck 10112 to open for miginal 0 window. Plane retain this read w window.	Ned. is in a Confluention RL is another active to logost Avenue to logost
 You are responsible for (i) maintaining the confidentiality of the personnel and (ii) all activities that occur under your usersame and p Cisco systems offers the Service for activities such corporate intrasen. High volume data transfers, espensive by use of our Service is prohibited. Trying to a personal data without their knowledge and interference 	4 parroard. as the active use of a cool, instart surrouging, only matained high values data travelier, are increas someone clock account, reading mode or with other network users are all published. Usersame parts Password *****	CC global in fee vedroet Automic LLLL CC global in for vedroet Automic ation Successful ! CSck (2017) to open for original U window. Plane retain the read w using the federoid glob reing the federoid glob	Ned. I in another index to logost Absentively you BL
 You are responsible for (i) maintaining the confidentiality of the processed and (ii) all activities that occur under your username and p Cisco systems offers the Service for activities such corporate intransm. High volume data transfers, espessive by use of our Service is prohibited. Trying to a personal data without their knowledge and interference 	d patroord. on the active use of a cask, instant surraging, cially metained high values data transfere, are meters someone che's account, sending unside or with other network users are all pushibited. Usermanne purel Password *****	Automotion Proy Lopest Page 1 CC global in for redirect Automic 1111 CC Sck 2005 to open for might U window. Please retain the sealt of window.	Real Contract Inter Contract Inter Index to logost Abrenati-thy you RL and you another
 You are responsible for (i) maintaining the confidentiality of the processed and (2) all activities that occur under your username and p Cocur systems offers the Service for activities such corporate intransm. High volume data transfers, espessiver by use of our Service is probabled. Trying to a personal data without their knowledge and interference 	d partword. na the active use of a casil, instant carosaging, cially matained high values data transfers, are increas senarcose else's account, reading unside ce with other network users are all published. Usermann: partit Parsovord. *****	Automotion Proy Legent Page 1 Tour 1111 CC global is for redrect Automication Successful 1 Click IIIII to open for mightel V window. Plane retain the mail w ming the following ligh LOCULT cmu copy and parts the following 10 https://lill.ll.lling.out.hed] to log window. Dougl	Neal. I in another action to logical Alternatively you RL and via another
 You are responsible for Summarize the confidentiality of the parawavel and attivities that occur under your username and	4 parroard. as the active use of a cool, instant consequences were some one clock's account, reading unsult or with other network users are all pushimed. Usermanne parrot Password	Automouton New Lignet Page 1 Denie 1111 CC global in for redirect Automication Successful 1 Click 1012 to open for might U window. Plane retain the might U window. Plane retain the following [at LOCKLT] can copy and path the following [at LOCK	Ned. is another index to logost Abrenstindy you RJ, at via another
 You are responsible for Source responsible for activities that occur unlier your usersame and p Cisco systems offers the Service for activities such corporate intrasen. High volume data transfers, espesarier by use of our Service is prohibited. Trying to a personal data without their knowledge and interference 	4 pairword. In the active use of a cool, instart sensingly, only natured high values data traveler, are meets someone clock account, reading mode to with other network users are all published. Usermann: parts Password ***** DR	Automotive New Lignet Page 1 District LLL CC global in for redrect Automic ation Successful 1 CSck 2002 to open for might 0 window. Please retain the read of window. Please retain the read of window. DONE	RL is another active to keyout Abrenatively yess RL and via another
 You are responsible for (i) maintaining the confidentiality of the processed and (2) all activities that occur tailor your usersame and p Cocur systems offers the Service for activities such corporate intrasters. High volume data transfers, espessive by use of our Service is probabled. Trying to a personal data without their knowledge and interference 	d partword. In as the active use of a coal, instant corresping, cially matained high values data transfers, are increas someone clic's account, reading unside or with other nativosk users are all published. Usermann: puttin Personant: puttin Disc	Automotion Proy Legent Page 1 Theoremation Proy Legent Page 1 CC global is for redrect Automication Successful 1 Click IIIII to open for mighed I window. Plane retain the mail to ming the following ligh LOCULT cmi copy and parts the following 1 https://l.l.l.l.ling.out.hed] to log window. DOME	Real in another action to logost Abernatively you 32, and via another
 You are responsible for (i) maintaining the confidentiality of the paraward and (ii) all activities that occur under your moments and g Circo systems offers the Service for activities such corporate intrauent. High volume data transfers, espe- server by use of our Service is probabled. Trying to a personal data without their knowledge and interference 	A parroard. In the active use of a cool, instant consequences whereas someone clock's account, reading unsolid or with other network users are all pushimed. Usermann: parti Password: ***** OK	Automouton New Lignat Page 1 Denies 1111 CC global in for redirect Automication Successful 1 Click 1012 to open for mighed 0 window. Plane cryst parts the following 1 [https://l.l.l.l.fogoat lend] to log window DDDME DDDME DDDME	Next. I in another index to logost Abrendiedy you N. at via another



驗證

目前沒有適用於此組態的驗證程序。

疑難排解

目前尚無適用於此組態的具體疑難排解資訊。