Exemplo de configuração do WebAuth personalizado do WLC 5760/3850 com autenticação local

Contents

Introduction **Prerequisites Requirements Componentes Utilizados** Configurar Diagrama de Rede Autenticação, Autorização e Auditoria (AAA) Parameter-Map Configuração de LAN sem fio (WLAN) Configuração global Criar usuários locais Configuração FTP para transferência de arquivos Carregar para Flash Exemplo de Webauth_login HTML Capturas de tela Verificar Troubleshoot

Introduction

Este documento descreve como configurar um WebAuth personalizado com autenticação local em um Wireless LAN Controller (WLC).

Prerequisites

Requirements

Antes de configurar e personalizar o WebAuth, certifique-se de que o seu PC:

- Tem um endereço IP em um SSID (Service Set Identifier, identificador do conjunto de serviços) aberto
- Pode fazer ping no gateway padrão
- Pode identificar e localizar o Domain Name Server (DNS) (ipconfig/all)
- Pode resolver nomes (com nslookup)
- Pode acessar a Internet

Componentes Utilizados

As informações neste documento são baseadas nestas versões de software e hardware:

- Uma WLC 5760 que executa o código 3.3
- Access point Cisco Aironet 3600 Series Lightweight
- Requerente sem fio nativo do Microsoft Windows 7

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Configurar

Diagrama de Rede



Autenticação, Autorização e Auditoria (AAA)

Aqui está a configuração para AAA. Isso configura os perfis de autenticação e autorização de

forma que os clientes que se conectam sejam autenticados no banco de dados WLC local.

aaa new-model aaa authentication login local_webauth local aaa authorization network default local aaa authorization credential-download default local

Parameter-Map

Aqui está a configuração para o Mapa de Parâmetros. Esta seção fornece informações sobre como configurar o endereço IP virtual na WLC e como definir o tipo de parâmetro, o que ajuda a especificar a URL de redirecionamento, a página de login, a página de logoff e a página Falha. Você deve certificar-se de que a memória flash tenha esses arquivos.

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

Configuração de LAN sem fio (WLAN)

Esta é a configuração para WLAN. A WLAN é configurada para segurança da camada 3. Essa configuração mapeia a lista de autenticação para Local_webauth e garante que a autenticação seja tratada pelos usuários da rede local. Isso chama a configuração AAA que está na etapa inicial.

wlan webauth 1 webauth client vlan Vlanx no security wpa no security wpa akm dot1x no security wpa wpa2 no security wpa wpa2 ciphers aes security web-auth security web-auth security web-auth authentication-list local_webauth security web-auth parameter-map custom session-timeout 1800 no shutdown

Configuração global

Use isto para a configuração global. Verifique se o rastreamento de dispositivo HTTP/HTTPS e IP está habilitado. Se você não habilitar HTTP/HTTPS, não obterá a página da Web.

ip device tracking

Criar usuários locais

Use isto para criar usuários locais.

username <username> password 0 <password>

Configuração FTP para transferência de arquivos

Use isto para a configuração FTP para transferência de arquivos.

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

Carregar para Flash

Use isto para fazer upload de arquivos HTML personalizados para o Flash: com comando:

5760# copy ftp://x.x.x.webauth_login.html flash: Aqui está um exemplo de conteúdo Flash:

w-5760	-2# dir	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

Exemplo de Webauth_login HTML

Se isso precisar de qualquer modificação ou personalização, você deverá envolver um desenvolvedor que conheça o HTML, que não é coberto pelo Cisco Technical Assistance Center.

```
<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;
}
</stvle>
</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 >
<UL>
 <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
   <0L><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>
```

Capturas de tela

Aqui estão algumas capturas de tela do cliente:

O cliente se conecta à WLAN e é automaticamente redirecionado:

Catilina .	w Israe Mangation Bostnath - Windows Islam at Top	Autor Contraction of the second secon	Internet of American	
-04	E halpen \$111(September)		+ + × 2 4ny	ع.
Anote	s 🙀 🖻 toppenetties + 🗿 Walliandar	WY.		
Cetto	da Event Newgation Bloched		9 · 0 · 0 + +	ige = Salety = Took = 📦
0	There is a conclusion with this and-	date associate contilicate		
۳	more or a processi man the mee	and a second y continuant.		
	The security cartificate presented by the e The security cartificate presented by the o	nlisite was not issued by a trusted certificat white was insued for a different selectors a	a artferty. ridner.	
	Security certificate problems may indicate server.	ar attempt to feel you ar intercept any dat	r you serve to the	
	We recommend their you close this well	lopage and do net continue to this websi	1 4.	
	Charles to cose the webgings			
	Continue to this website (not recomm	nded.		
	More information			
				1.60
				R
Authentic	unter Proy Logic Page - Mindexis Internet Explore	*		1012)
100	C sale (TTT) allowed		* 14 * 1 × 1 * 1nt	2
Feater	Aufwertistion Prosy Login Page	51	8.0.3***	lage 🕶 Safety 🖝 Tools 🕶 🍓
CISCO				
	Wire	less Guest Access Web Au	thentication	
Accep	ptable Use Policy			ń
Peak	e ament the policy:			1
L Ye	n are responsible for			
(1) m (2) all	aintaining the coalidentiality of the password functivities that second and/or year secondaries at	and Algermani		
2 Ca corpus server persa	to system offers the Service for activities or nate interacts. High volves: data transfers, or r by use of our Service is prohibited. Trying a nat data without their knowledge and attrife	uch at the active use of e-anal, instant ocean gentially unstained high volume data transfers to access someone else's account, sending to react with other network users are all proble	ging, browning the World Wide Web as a me not permitted. Howing a web serve stolicited bulk e-mail, collection of other stol.	d accessing er er any after (people')
		Userane (1999)		
		Paumond	9	
		200		
		050		
		albally a		
		POWERED		

erite: 🚺 Authenticature for				
	ny Leger Page	<u>11</u>	9 + 0 - 0 + hg	ו Selety≠ Tools
				1
Acceptable Use Policy				
lease accept the policy:				1
You are impossible for Doministration the confidentia	its of the parameter and			
2) all activities that occur uni	er your username and parawoo	rd.	Contraction to the second second	
Cisco systems offers the Se	rvice for activities such as the	active use of a cool, instant as	writight. W inter 1111	Catillasia Irus
orporate automets. High volu erven by use of our Service i	ne data transfers, especially to probabiled. Trying to access r	atuned high volume data trav someone else's account, senda	inders, are beg unstaller over a ball of the states	
ersonal data without their ka	owledge and interference with	other network users are all pr	sublided CC poble p for redrect	
		formagen gamet	Automication Successity (
			CSck HITT to open the mightal U	RL in another
		CONVERT.	using the following light 1.0000UT	Abreastively yess
		CH.	(http://l.l.l.l.fogoat.knal] to logi	nat via another
			wandow.	
			DONE	
		and the second se		
		cisco Powered		
				and the second s
for http://www.coco.com/ not fugines: commit stapling the o	atgaga / Wassian Internet Sachra	•	Internet (Protected Mode Off	G • 4305 • G • 4305
for http://www.coco.com/ mit tigener: comet style; the i) + (# mic coco or mits:# scenet tigener o	atgaga - Watesac Internet Eachin molt display the anticipage	*	Internet (Protected Mode: Off I	(g + 14,20% + (g + 14,20% (⊞ 06 (⊞ 06 (₩ 3444) + 1646
hrittp://www.osca.com/ metaphone annet style, the) • (#, the cancer anne	not doping the settings	e de la constante de la consta	Internet (Protected Mode Of Internet (Protected Protected Protected Protected Protected Protected Protected Internet (Protected Protected P	(g = 1,305) = (g = 1,305) (10.05) (10.05) (10.05) (10.05)
heinig Jowe can com	atpage / Waterson Internet Factor mot deploy the solotoge annual clingslary the walk	m page	Internet (Protected Mode: CH Strengt (Protected Mode: CH (1) (R) (R) (R) (R) (R) (R) (R)	(g + 1,305) + (g + 1,305) (m 2) (m 2) (m 2)
An http://www.occu.com	atpage / Wattow Internet Kulter mot display the settionge annual climpilary the work Constants	er page	Internet Protected Mode: CH I	(g = 4,305 = 0g = 4,305 (10.05) (10.05) (10.05) (10.05) (10.05)
Ar http://www.coco.com/ * # *** ******************************	atpage / Wassier Internet Bartin mot depity the setopoge annual clingslary that wash Cyclicate Server Sense Centinator Pa	e l	Internet Protected Mode: CH I	(g + 1,305) + (g + 1,305) (= 25) (= 25) (≠ 3drdy + 1,000)
An Hep / House oncourses In the second standard st	annot display the setoinger annot display the wold Contents Server Sense Centinator Pa	e de la constante de la consta	Internet (Peterclas) Mode: CH Internet (Peterclas) Mode: CH I (1) (3) (2) (2) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(g = 4,305 = 4,305 (g = 4,305 (g = 23 e = 344y = 1ach east (1 = 1) = 10 (1)
An Hitp://www.oox.com	atpape - Wattow Internet Lafer mot display the settings annual clingslay the wold Contrate Server Sense Cententer In Server Sense Cententer In Server Sense Cententer In	er	Internet (Protected Mode: CH Second Protected Mode: CH	(g + 4,305) + (g + 4,305) (g = 13 g + 34Hy + 104) g + 34Hy + 104) g + 104Hy + 104(1) g Cyclifton ther
An Hep/Investors.com	etpage / Wasser Internet Safer mit dagity the setpage annot clisplay the wolk Gynteste Deres Desig Centificate In Sete Centificate Information File Centificate Information	er in ander som in ande	Internet (Protected Mode: CH) Internet (Protected Mode: CH) I (1) (A) (B) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	(g - 4,305) - (g - 4,300) (g - 4,300) (g - 3) (g - 3) (g - 3) (g - 4,300) (g -
An Hep / www.oox.com	etpape / Wasser Interest Later mot depty the setpings annual clipping the wold Contents Terms Janes Certificator in Figure Certificator in Figure These Store	er Seeled for Contrato	Internet (Protected Mode: CP) Internet (Protected Mode: CP) I (1) (3) (2) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(g - 4,305 - (g - 4,305 (c - 5,304) (c - 5) (c
An Help / Henri Goord and State and Equation control state (and state (and the state of the state of the state and the state of the state of the state (and the state of the state of the state (b) More information (b) More information	annot depty the setting mot depty the setting annot display the wold Contains Server Densit Contained to Server Densit Contained to Set Contained to Server Set Contained to Server Set Contained to Server	er page etc. etc. etc. etc.	Internet Potented Mode: CP Internet Potented Mode: CP I (1) (A) (B) (D) (C) (A) (B) (C) (D) (C) (C) (B) (C) (D) (C) (C) (C) (B) (C) (D) (C) (C) (C) (C) (D) (C)	<pre>(g = 4,30% → (g = 4,30%) (g = 5) (g = 5) (g = 5) (g = 5) (g = 5) (g = 6) (g = 6)</pre>
An Help / Here occurrent : An Help / Here occurrent : An Help / Here occurrent : An Help /	Antipage / Wassian Internet Bartin molt display the antipage annual chipplay that work Generate Second Cartificate In Second Second Second Has CA Hast contribute in the Antibertities shore.	er Controle - C.C.C.S.I.C.	Internet (Peterstet Mode: CH) Interne	e = 3,305 - (a = 3,305 (a = 3,305 (a = 5) (a
An Help / Henri Gala cont . An Help / Help	Interest of the setting of the setti	erer Corrificate - C.C.2.2008	Internet (Peterstet Hode: CH) Internet (Peterstet Hode: CH) I (1) (3) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	ig - 4, 2015 - ig - 4, 2015 (cc - 4, 2017 (cc - 4, 2017) (cc - 4,
An Help / Henri Goor, cont Interference cannot staple the a (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	annot depty the setting mot depty the setting annot depty the setting annot depty the wold Contacts Server Sense Contactor is Server Sense Contactor is Set of the contactor is Authorities shore.	erer-Gerificate -K.12226103	Internet Petrected Mode: CPT Internet Petrected Mode: CPT I Try A B Dry N + (D + 1.2 + Petrected Mode: CPT N + (D	<pre>(g = 4,300% → (g = 4,300%) (g = 5) (g = 5) (g = 5) (g = 5) (g = 5) (g = 6) (g =</pre>
An Hitp / Henri Oscal Cent . And Hitp / Henri Oscal Cent . And Hitp / Henri Oscal Cent . And Hitp / Henri Oscal Cent . What you can try Degress Connector Mars Information	Antibality in a setting of the setti	ere Gerffore - COURCE grad Gerffore - COURCE grad Gerffore - COURCE grad Gerffore - COURCE	Internet (Peterstet Mode: CH) Interne	<pre>(g = 4,30% + (g = 4,30%) (g = 5) (g = 5) (g = 5) (g = 5) (g = 5) (g = 6) (g = 6)</pre>
An Help / Yours occuper	annot display the satisfage annot display the satisfage annot display the work former annot Corplay the work former annot Corplay the work former annot Corplay the work former annot Corplay the former annot corplay the former annot corplay the former annot corplay the former annot corplay the fo	erer Contribute - CINCRER projection - CINCRER projection - CINCRER procession - CINC	Internet Peterstet Mode: CH Internet Peterstet Mode: CH I Internet Peter	(g = 4, 2005 - (g = 4, 2005) - (g = 2, 5 (g = 2, 5 (g = 2, 5)) (g = 2, 5) (g = 2, 5)
An Help / Henri Gala cont	annot depty the anticipy mot depty the anticipy annot depty the anticipy annot depty the web Genteen are an anticipation of a second terms be defined anticipation of definition anticipation definition anticipation definition anticipation definition anticipation definition and the top set of another top set of anothe	eren Controller - Colonial gene Controller - Colonial	Internet Petrected Mode: CPT Internet Petrected Mode: C	G - 4,305 - G - 4,305 (= 15 (= 15 (= 15 (= 15 (= 15) (=

Verificar

No momento, não há procedimento de verificação disponível para esta configuração.

Troubleshoot

Atualmente, não existem informações disponíveis específicas sobre Troubleshooting para esta configuração.