# 在RV130W上配置强制网络门户

### 目标

强制网络门户将Web浏览器转变为身份验证设备。该网页需要用户交互或身份验证才能授予用 户网络访问权限。强制网络门户通常用于Wi-Fi热点,以通过密码和用户名系统来规范对网络 的访问。

本文档旨在向您展示如何在RV130W上配置强制网络门户。

## 适用设备

·RV130W

### 添加强制网络门户配置文件

步骤1.登录Web配置实用程序,然后选择**Wireless > Captive Portal > Portal Profile**。"门户*简* 档"页面打开:

Portal	Profi	le				
Portal P	rofile 1	able				
	Profil	e Name			Redirect URL	
	Defa	ult_Portal_Pro	ofile			
Add R	low	Edit		Delete		
Save		Cancel	]			

步骤2.单击"添**加行"以**添加新的强制网络门户配置文件。

Portal	Profi	le				
Portal P	rofile T	able				
	Profil	e Name			Redirect URL	-
	Defau	It_Portal_Pro	ofile			
Add R	low	Edit		Delete		
Save		Cancel				

系统将显示新的门户配置文件设置页面:

Portal Profile		
Portal Profile Setting		
Profile Name:		
Verification:	Guest 👻	
Auto Redirect URL:	🔘 Enable 🖲 Disable	
Redirect URL:		]
Session Timeout:	0	Minutes (Range: 0 - 1440, Default: 0, Unlimited: 0)
Font Color:	White -	
Company Name:	Small Business	
Welcome Message:	Guest Access	
Username Field:	Username	
Password Field:	Password	
Login Button Title:	Log In	
Copyright:	© 2014 Cisco Systems Inc, All rig	hts reserved.
Error 1:	Login failed. Incorrect username	or password.
Error 2:	All Connections are currently in us	se, please try again a little later.
Agreement:	🔘 Enable 🖲 Disable	

步骤3.在Profile Name字*段中*,输入强制网络门户配置文件的名称。

Portal Profile Setting		
Profile Name:	cisco1	
Verification:	Guest 👻	
Auto Redirect URL:	🛇 Enable 🖲 Disable	
Redirect URL:		
Session Timeout:	0	Minutes (Range: 0 - 1440, Default: 0, Unlimited: 0)

步骤4.从Verification下拉列表中,选择用于验证客户端的身份验证方法。

Portal Profile Setting	
Profile Name:	
Verification:	Guest T
Auto Redirect URL:	Local Disable
Redirect URL:	
Session Timeout:	

可用选项定义如下:

·访客 — 客户端不需要由数据库进行身份验证。

·本地 — 设备使用本地数据库对客户端进行身份验证。

步骤5.在Auto Redirect URL*字段中,单击*Enable 单选按钮,以在客户端登录强制网络门户时 将其重定向到指定的Web地址。如果不需要此功能,请选择Disable并跳至步骤7。

Portal Profile	
Portal Profile Setting	
Profile Name:	cisco1
Verification:	Guest 👻
Auto Redirect URL:	🖲 Enable 🛇 Disable
Redirect URL:	
Session Timeout:	0

步骤6.如果您选择在步骤5中启用自动重定向URL,请在*重定向URL*字段中,输入要将客户端 重定向到的网页的地址。

Portal Profile Setting	
Profile Name:	portal1
Verification:	Guest V
Auto Redirect URL:	Enable O Disable
Redirect URL:	https://www.cisco.com
Session Timeout:	

步骤7.在*会话超时*字段中,输入允许客户端在注销之前保持连接的时间(以分钟为单位),并且需要重新进行身份验证。输入值0可**让客**户端在无限时间内保持连接。

Portal Profile Setting		
Profile Name:	cisco1	
Verification:	Guest 👻	
Auto Redirect URL:	Enable   Disable	
Redirect URL:		
Session Timeout:	0	Minutes (Range: 0 - 1440, Default: 0, Unlimited: 0)

步骤8.从字体颜色下拉列表中为强制网络门户页面上的文本选择颜色。

Font Color:	White <b>v</b>	
Company Name:	Red Green	
Welcome Message:	Gray Blue	
Username Field:	Cyan Black	
Password Field:		
Login Button Title:		

步骤9.在"公司名称"字段中,输入要在强制网络门户页面上显示的公司名称。

Font Color:	White -
Company Name:	Small Business
Welcome Message:	Guest Access
Username Field:	Username
Password Field:	Password
Login Button Title:	Log In
Copyright:	© 2014 Cisco Systems Inc, All rights reserved.
Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.

#### 步骤10.在欢迎消息字段中,输入客户端成功连接时显示的消息。

Font Color:	White -
Company Name:	Small Business
Welcome Message:	Guest Access
Username Field:	Username
Password Field:	Password
Login Button Title:	Log In
Copyright:	© 2014 Cisco Systems Inc, All rights reserved.
Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.

步骤11.在*Username*字段和*Password*字段中,输入这些字段在强制网络门户页面上显示时旁 边显示的文本。

Font Color:	White -
Company Name:	Small Business
Welcome Message:	Guest Access
Username Field:	Username
Deserved Fields	Deserved
Password Field:	Password
Login Button Title:	Log In
Login Button Title: Copyright:	© 2014 Cisco Systems Inc, All rights reserved.
Password Field: Login Button Title: Copyright: Error 1:	Log In © 2014 Cisco Systems Inc, All rights reserved. Login failed. Incorrect username or password.

步骤12.在"登录按钮标题"字段中,输入要在强制网络门户页面的登录按钮上显示的文本。

Font Color:	White -
Company Name:	Small Business
Welcome Message:	Guest Access
Username Field:	Username
Password Field:	Password
Login Button Title:	Log In
Copyright:	© 2014 Cisco Systems Inc, All rights reserved.
Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.

#### 步骤13.在"版权"字段中,输入要显示在强制网络门户页面底部的版权。

Font Color:	White -		
Company Name:	Small Business		
Welcome Message:	Guest Access		
Username Field:	Username		
Password Field:	Password		
Login Button Title:	Log In		
Copyright:	© 2014 Cisco Systems Inc, All rights reserved.		
Error 1:	Login failed. Incorrect username or password.		
Error 2:	All Connections are currently in use, please try again a little later.		

步骤14.输入错误消息,在"错误1"和"错*误2"*字段*中显示*此信息。错误1是由于用户名或密码无 效而导致身份验证失败。错误2表示当网络繁忙且所有连接都在使用时。

Font Color:	White -
Company Name:	Small Business
Welcome Message:	Guest Access
Username Field:	Username
Password Field:	Password
Login Button Title:	Log In
Copyright:	© 2014 Cisco Systems Inc, All rights reserved.
Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.

步骤15.在"协议"字*段*中,单击**启用**单选按钮,要求客户端在连接之前阅读并同意接受策略。如 果不需要此功能,请选择**Disable**并跳至步骤18。

Error 1:	Login failed. Incorrect username or password.	
Error 2:	All Connections are currently in use, please try again a little later.	
Agreement:	Enable O Disable	
Agreement Text:	Check here to indicate that you have read and accepted the Acceptance U	
Acceptance Use Policy:	Acceptance the Policy.	

步骤16.如果选择在步骤15中启用协议策略,请在强制网络门户页面的协议复选框旁边显示的 协议文本字段中输入文本。

Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.
Agreement:	◉ Enable <sup>©</sup> Disable
Agreement Text:	Check here to indicate that you have read and accepted the Acceptance U
Acceptance Use Policy:	Acceptance the Policy.

步骤17.如果选择在步骤15中启用协议策略,请在*接受使用策略*字段中输入将作为使用策略显示在强制网络门户页面上的文本。

Error 1:	Login failed. Incorrect username or password.
Error 2:	All Connections are currently in use, please try again a little later.
Agreement:	◉ Enable <sup>©</sup> Disable
Agreement Text:	Check here to indicate that you have read and accepted the Acceptance U.
Acceptance Use Policy:	Acceptance the Policy.

步骤18.如果要更改强制网络门户页面上显示的背景图像或徽标,请单击"浏览"**以从**计算机中选 择图像。当您准备好将项目添加到设备时,请单击相应项**目的**上传。

Upload Files				
Item	Status	File Name	Select Image	
Background	Default		Browse No file selected. (*.jpg, Maximum size: 128 kbytes )	Upload
Logo	Default		Browse No file selected. (*.gif, Maximum size: 10 kbytes )	Upload

步骤19.单击"保存"以保存新创建的强制网络门户配置文件。

步骤20.您将被重定向到主门*户简档*页。您的新配置文件应列在门户配*置文件*表中。单击**Save** 将配置文件保存到您的设备上。

Portal Profile				
Configuration settings have been saved successfully				
Portal Profile Table				
Profile Name	Redirect URL			
Default_Portal_Profile				
cisco1	https://www.cisco.com			
Add Row Edit Delete				
Save Cancel				

### 添加用户帐户

必须存在具有用户名和密码的用户帐户,强制网络门户才能正常运行。只有用户帐户存储在设 备中的客户端才能登录强制网络门户页面并访问网络。

步骤1.在Web配置实用程**序中导航至Wireless > Captive Portal > User Account。**系统将*显示 "用*户帐户"页:

User Account					
User Account 1	Table				
Userr	name		Password		
🗌 No data to	display				
Add Row	Edit	Delete	Import		
Save	Cancel				

步骤2.单击Add Row,将新用户帐户添加到"*用户帐户*表"。

User Account					
You must save before you can edit or delete.					
User Account Table					
Username	Password	Verify Password	Access Time (Minutes)		
user1	••••	••••	60		
Add Row Edit Delete	Add Row Edit Delete Import				
Save Cancel					

步骤3.在Username字段中输入用户的名称。

User Account						
You must save	before you can edit or delete.					
User Accourt	nt Table					
	Username	Password	Verify Password		Access Time (Minu	ites)
	user1				60	
Add Row	Edit Delete	Import				
Save	Cancel					

步骤4.在"密码"字段中输入用户帐户的密码。在"验证密码"字段中再次输入相同密码。

User Account					
You must save before you can edit or delete.					
User Account Table					
Username Username	Password	Verify Password	Access Time (Minutes)		
user1			60		
Add Row Edit Delete Import					
Save Cancel					

步骤5.在Access Time(Minutes)字段中,输入特定用户在需要重新登录之前获准访问网络的时 间(分钟)。输入 0将授予用户无限访问权限。

User Account								
You must save before you can edit or delete.								
User Account Table								
Username	Password	Verify Password	Access Time (Minutes)					
user1			60					
Add Row Edit Delete Import								
Save Cancel								

步骤6.单击Save以保存新用户帐户。

### 将强制网络门户配置文件应用于无线连接

要使用新创建的门户配置文件,必须按照以下步骤将强制网络门户应用到设备的其中一个 SSID。

步骤1.在Web配置实用程序中导航至Wireless > Basic Settings。系统将显示"基本设置"页:

Basic Settings	6										
Radio:		Enable									
Wireless Network Mode: B/G/N-Mixed 👻											
Wireless Band Selection: <ul> <li>20MHz</li> <li>20/4<sup>2</sup></li> </ul>		0 20MHz 🔘 20/40	MHz								
Wireless Channel: Auto		Auto 👻									
AP Management V	/LAN:	1 🔻									
U-APSD (WMM Po	wer Save):	Enable									
Wiroloss Tablo											
Wilciess lubic											
						Wireless lealation				Captive Portal	
Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wireless Isolation with SSID	WMM	Max Associated clients	WPS	Captive Portal Portal Profile	Enable
Enable SSID	SSID Name ciscosb1	SSID Broadcast	Security Mode WPA2-Personal	MAC Filter Disabled	VLAN	Wireless Isolation with SSID	WMM	Max Associated clients	WPS	Captive Portal Portal Profile Please select a Profile	Enable
Enable SSID	SSID Name ciscosb1 ciscosb2	SSID Broadcast	Security Mode WPA2-Personal Disabled	MAC Filter Disabled Disabled	VLAN 1	Wireless Isolation with SSID	WMM	Max Associated clients 16 0	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile	Enable
	SSID Name ciscosb1 ciscosb2 ciscosb3	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled	MAC Filter Disabled Disabled Disabled	VLAN 1 1	Wireless Isolation with SSID	₩₩₩  	Max Associated clients 16 0 0	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile	Enable
Enable SSID     ON     OFF     OFF     OFF	SSID Name ciscosb1 ciscosb2 ciscosb3 ciscosb4	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Disabled	MAC Filter Disabled Disabled Disabled Disabled	VLAN 1 1	Wireless Isolation with SSID	₩₩₩	Max Associated clients 16 0 0 0	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile Please select a Profile	Enable
Enable SSID	SSID Name ciscosb1 ciscosb2 ciscosb3 ciscosb4 Edit Securi	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Edit MAC Filtering	MAC Filter Disabled Disabled Disabled	VLAN 1 1 1 1 1 Time of D	Wireless Isolation with SSID	WMM V V V E	Max Associated clients 16 0 0 clitt WPS	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile Please select a Profile	Enable
Enable SSID  Con  Con  Con  Con  Con  Con  Con  Co	SSID Name ciscosb1 ciscosb2 ciscosb3 ciscosb4 Edit Securi	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Edit MAC Filtering	MAC Filter Disabled Disabled Disabled	VLAN 1 1 Time of D	Wireless Isolation with SSID	WMM V V V E	Max Associated clients 16 0 0 0 cdit WPS	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile Please select a Profile	Enable
Enable SSID	SSID Name ciscosb1 ciscosb2 ciscosb3 ciscosb4 Edit Securi	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Disabled Edit MAC Filtering	MAC Filter Disabled Disabled Disabled	VLAN	Wireless Isolation with SSID	VVMM	Max Associated clients 16 0 0 cdit WPS	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile Please select a Profile	Enable
Enable SSID	SSID Name ciscosb1 ciscosb2 ciscosb3 ciscosb4 Edit Securi Cancel	SSID Broadcast	Security Mode WPA2-Personal Disabled Disabled Edit MAC Filtering	MAC Filter Disabled Disabled Disabled	VLAN	Wireless Isolation with SSID	WMM V V E	Max Associated clients 16 0 0 clients 16 0 0 0 clients 0 0 0 0 0 0 0 0 0 0 0 0 0	WPS	Captive Portal Portal Profile Please select a Profile Please select a Profile Please select a Profile Please select a Profile	Enable

### 步骤2.选中您要将配置文件应用到的SSID旁边的复选框,然后单击Edit。

Wi	Wireless Table											
	Enable SSID	able SSID SSID Name SSID Broadcast Sec		Security Mode	MAC Filter	AC Filter VLAN	Wireless Isolation	W/MM	Max Associated clients	WPS	Captive Portal	
	Litable COID			Security mode	MAC FILLEI		with SSID	V V IVIIVI			Portal Profile	Enable
	ON			WPA2-Personal	Disabled			<b>V</b>		<b>V</b>	Please select a Profile	<b>V</b>
	OFF)	ciscosb2		Disabled	Disabled	1		1	0		Please select a Profile	-
	OFF)	ciscosb3		Disabled	Disabled	1		1	0		Please select a Profile	-
	OFF)	ciscosb4		Disabled	Disabled	1		1	0		Please select a Profile	-
	Edit	Edit Security Mode		Edit MAC Filtering	ד נ	Time of E	Day Access	E	dit WPS			

步骤3.选中强制网络门**户的**Enable复选框,然后从Portal Profile下拉列表中选择要使*用的*配置 文件。

st Security Mode MAC Filter VI AN Wireless Isolation WMM Max 4							MDO	Captive Portal		
51	Security Mode	MAC FILLEI	VEAN	with SSID	VVIVIVI	Max Associated clients	WFO	Portal Profile Er	nable	
	WPA2-Personal	Disabled	1 👻		✓	16	<b>V</b>	Please select a Profile 📃 🚽		
	Disabled	Disabled	1		$\checkmark$	0		Please select a Profile Default_Portal_Profile		
	Disabled	Disabled	1		1	0		cisco1 Create a new Partel Brafile		
	Disabled	Disabled	1		$\checkmark$	0		Please select a Profile		
\C	Filtering	Time o	f Day Access	Edit WPS						

**注意:**如果门户配置文件上使用访客验证,则必须从VLAN下拉列表中选择除1以外的VLAN。 如果需要帮*助创建新的VLAN,请参阅RV130和RV130W*上的VLAN成员资格。

步骤4.单击"保存"保存更改。

**注意:**您必须在之后重新启动设备,以确保强制网络门户应用到您的网络。