Configure a Captive Portal on the RV340W

Objective

The Captive Portal feature provides a convenient, secure, cost-effective way to offer wireless access for clients and other visitors while maintaining the security of your internal network. A guest network can serve many important business purposes, including streamlining business with partners and providing enhanced customer satisfaction and improve employee productivity. A captive portal can be configured on Wireless Access Points (WAPs) and routers with a wireless feature, such as the RV340W.

In a public environment that offers free or paid Wi-Fi, it can be advantageous to a company to have users arrive at a virtual gateway before connecting to the Internet. There are several functions and uses an administrator could have for a captive port. Having a guest network and a virtual gateway can allow users to be redirected to the official page of the company to gain traffic and page views.

This article aims to show you how to configure a Captive Portal profile and associate it to an SSID on the RV340W.
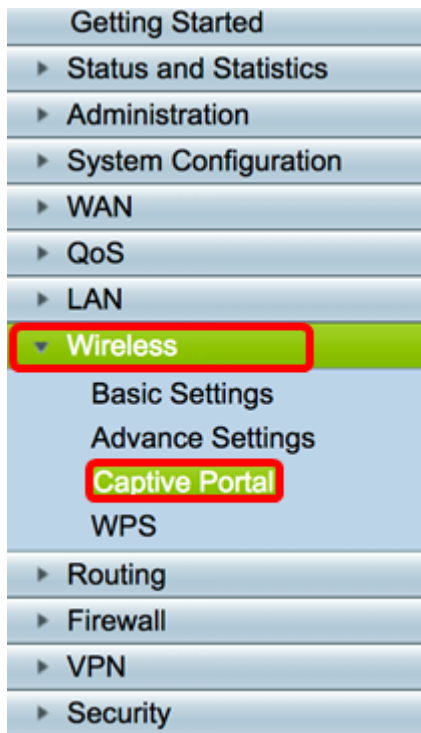
Applicable Devices

- RV340W

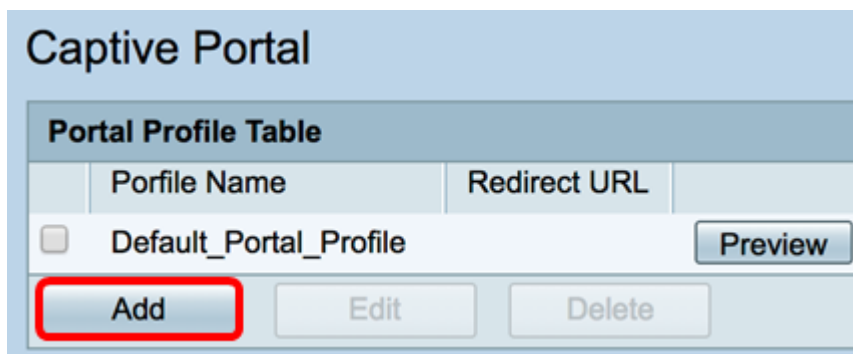## Software Version

- 1.0.01.16

Configure Captive Portal

Create a Captive Portal Profile

Step 1. Log in to the web-based utility of the router and choose **Wireless > Captive Portal**.

Step 2. Click **Add** to create a new Captive Portal Profile.

Step 3. In the *Profile Name* field, enter a name for your Captive Portal profile

Note: In this example, Disco is used.

Step 4. From the Authentication drop-down menu, choose whether or not authentication would be required upon entering the Captive Portal. The options are:

- Auth — Choosing this enables authentication upon connecting to the Internet.
- No Auth — Choosing this disables authentication upon arriving at the Captive Portal.

  Note: In this example, Auth is chosen.

Add Captive Portal Profile

Profile Name: Disco

Authentication: ✓ Auth / No Auth

After user login, redirect to: ○ Original URL / ⦿ A New URL

Idle Timeout: 1200 seconds (Range: 0-1440, 0 means unlimited)

Step 5. In the After user login, redirect to area, choose a radio button to determine the action after a user arrives at the Captive Portal. The options are:

- Original URL — Does not redirect you to a new page upon connecting to the Internet.
- A New URL — Choose this if you want to redirect users to a new page after authentication. Enter a Universal Resource Locator (URL) in the *A New URL* field.

Note: In this example, Original URL is chosen.

Add Captive Portal Profile

Profile Name: Disco

Authentication: Auth

After user login, redirect to: ⦿ Original URL / ○ A New URL

Idle Timeout: 1200 seconds (Range: 0-1440, 0 means unlimited)

Step 6. Enter a value in seconds in the *Idle Timeout* field ranging from 0-1440. Setting a limit that the client is allowed to stay connected before they are logged out and re-authentication is required. Entering a value of 0 allows the client to stay connected for an unlimited time period.

Note: In this example, 1201 is used.
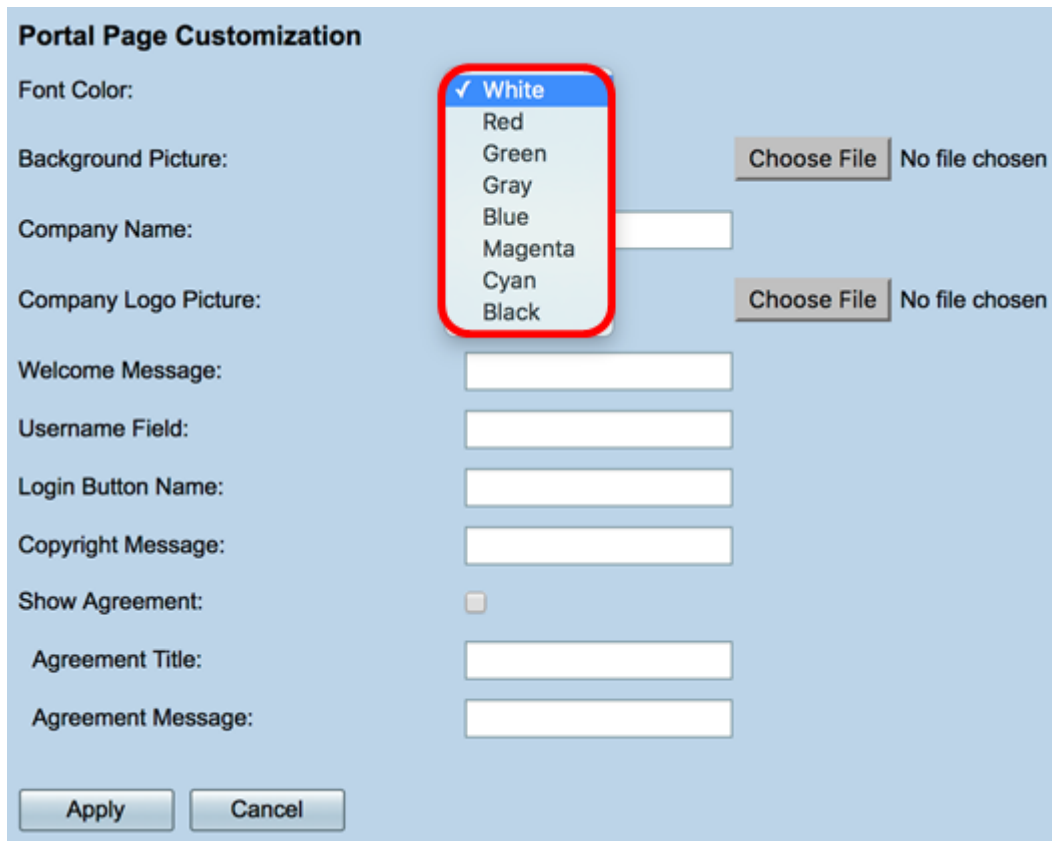

Add Captive Portal Profile

Profile Name: Disco

Authentication: Auth

After user login, redirect to: ⦿ Original URL / ○ A New URL

Idle Timeout: 1201 seconds (Range: 0-1440, 0 means unlimited)

Portal Page Customization

Step 7. Choose a color for the font from the Font Color drop-down menu.

Note: In this example, White is chosen.

Portal Page Customization

Font Color:	✓ White
	Red
Background Picture:	Green Choose File No file chosen
	Gray
	Blue
Company Name:	Magenta
	Cyan
Company Logo Picture:	Black Choose File No file chosen
Welcome Message:	
Username Field:	
Login Button Name:	
Copyright Message:	
Show Agreement:	☐
Agreement Title:	
Agreement Message:	

Apply   Cancel

Step 8. (Optional) In the Background Picture area, click **Choose File** and choose an image to set as background image for the Captive Portal. If an image is undefined for this step, the captive portal will use the default Cisco background.

Note: In this example, it is left blank. The image format must be in .PNG, .JPG, .BMP. and .GIF. The maximum size is 128 KB.

Portal Page Customization

Font Color:	White ⬍		
Background Picture:	()	**Choose File**	No file chosen
Company Name:	Panikat		
Company Logo Picture:	()	Choose File	No file chosen
Welcome Message:			
Username Field:			
Password Field:			
Login Button Name:			
Copyright Message:			
Error Message for Authentication Failure:			
Show Agreement:	☐		
Agreement Title:			
Agreement Message:			

Apply   Cancel

Step 9. In the *Company Name* field, enter the company name to be shown on the captive portal page.

Note: In this example, Panikat is used.

Portal Page Customization

Font Color:	White ⬍	
Background Picture:	()	Choose File No file chosen
Company Name:	Panikat	
Company Logo Picture:	()	Choose File No file chosen
Welcome Message:		
Username Field:		
Password Field:		
Login Button Name:		
Copyright Message:		
Error Message for Authentication Failure:		
Show Agreement:	☐	
Agreement Title:		
Agreement Message:		

Apply   Cancel

Step 10. In the Company Logo Picture area, click **Choose File** and choose an image to set the Company Logo. If an image is undefined for this step, the captive portal will use the default Cisco logo.

Portal Page Customization

Font Color:	White ⬍	
Background Picture:	()	Choose File	No file chosen
Company Name:	Panikat	
Company Logo Picture:	()	Choose File	No file chosen
Welcome Message:		
Username Field:		
Password Field:		
Login Button Name:		
Copyright Message:		
Error Message for Authentication Failure:		
Show Agreement:	☐	
Agreement Title:		
Agreement Message:		

Apply   Cancel

Step 11. In the *Welcome Message* field, enter the message that is shown when a client is successfully connected.

Note: In this example, Welcome, Earthling! is used as the welcome message.

Portal Page Customization

Font Color:	White ⬍	
Background Picture:	()	Choose File No file chosen
Company Name:	Panikat	
Company Logo Picture:	()	Choose File No file chosen
Welcome Message:	Welcome, Earthling!	
Username Field:		
Password Field:		
Login Button Name:		
Copyright Message:		
Error Message for Authentication Failure:		
Show Agreement:	☐	
Agreement Title:		
Agreement Message:		

Apply   Cancel

Step 12. (Optional) If you chose Auth in Step 4, enter a text in the labeled *Username Field* that will be shown next to its corresponding field when they are displayed on the Captive Portal page.

Note: In this example, (first name.last name) is used.

Portal Page Customization

Font Color:	White ⬍		
Background Picture:	()	Choose File	No file chosen
Company Name:	Panikat		
Company Logo Picture:	()	Choose File	No file chosen
Welcome Message:	Welcome, Earthling!		
Username Field:	(first name.last name)		
Password Field:			
Login Button Name:			
Copyright Message:			
Error Message for Authentication Failure:			
Show Agreement:	☐		
Agreement Title:			
Agreement Message:			

Apply   Cancel

Step 13. (Optional) In *Password Field,* enter the text that will be shown next to its corresponding field when they are displayed on the Captive Portal page.

Note: In this example, Password is used.

Portal Page Customization

Font Color:	White ⬍
Background Picture:	() Choose File No file chosen
Company Name:	Panikat
Company Logo Picture:	() Choose File No file chosen
Welcome Message:	Welcome, Earthling!
Username Field:	(first name.last name)
Password Field:	Password
Login Button Name:	
Copyright Message:	
Error Message for Authentication Failure:	
Show Agreement:	☐
Agreement Title:	
Agreement Message:	

Apply   Cancel

Step 14. In the *Login Button Name* field, enter the text to be displayed on the login button of the captive portal page.

Note: In this example, Enter the Void is used.

Portal Page Customization

Font Color:	White ⇕
Background Picture:	() Choose File No file chosen
Company Name:	Panikat
Company Logo Picture:	() Choose File No file chosen
Welcome Message:	Welcome, Earthling!
Username Field:	(first name.last name)
Password Field:	Password
Login Button Name:	Enter the Void
Copyright Message:	
Error Message for Authentication Failure:	
Show Agreement:	☐
Agreement Title:	
Agreement Message:	

Apply   Cancel

Step 15. In the Copyright Message field, enter a copyright message to be shown at the bottom of the captive portal page.

Note: In this example, © 2017 Disco Networks is used.

Portal Page Customization

Font Color:	White ⬍
Background Picture:	() [Choose File] No file chosen
Company Name:	Panikat
Company Logo Picture:	() [Choose File] No file chosen
Welcome Message:	Welcome, Earthling!
Username Field:	(first name.last name)
Password Field:	Password
Login Button Name:	Enter the Void
Copyright Message:	(c) 2017 Disco Networks
Error Message for Authentication Failure:	
Show Agreement:	☐
Agreement Title:	
Agreement Message:	

[Apply] [Cancel]

Step 16. In the *Error Message for Authentication Failure* field, enter a message to be displayed when a user fails to authenticate due to an invalid username or password.

Note: In this example, Try again is used.

Step 17. Check the **Show Agreement** check box to display the terms and agreement message on the Captive Portal page. If you want to leave this unchecked, skip to .

Step 18. In the *Agreement Title* field, enter a message to be displayed beside the agreement

check box on the Captive Portal page.

Note: In this example, I agree is used.

Portal Page Customization

Font Color:	White ⇕	
Background Picture:	()	Choose File No file chosen
Company Name:	Panikat	
Company Logo Picture:	()	Choose File No file chosen
Welcome Message:	Welcome, Earthling!	
Username Field:	(first name.last name)	
Password Field:	Password	
Login Button Name:	Enter the Void	
Copyright Message:	(c) 2017 Disco Networks	
Error Message for Authentication Failure:	Try again	
Show Agreement:	☑	
Agreement Title:	I agree	
Agreement Message:		

Apply   Cancel

Step 19. In the *Agreement Message* field, enter the agreement policy message that will be displayed on the Captive Portal page.

Note: In this example, Terms and Conditions are used.

Portal Page Customization

Font Color:	White
Background Picture:	() Choose File No file chosen
Company Name:	Panikat
Company Logo Picture:	() Choose File No file chosen
Welcome Message:	Welcome, Earthling!
Username Field:	(first name.last name)
Password Field:	Password
Login Button Name:	Enter the Void
Copyright Message:	(c) 2017 Disco Networks
Error Message for Authentication Failure:	Try again
Show Agreement:	✔
Agreement Title:	I agree
Agreement Message:	**Terms and Conditions**

Apply   Cancel

. Click **Apply**.

Portal Page Customization

Font Color:	White
Background Picture:	() Choose File No file chosen
Company Name:	Panikat
Company Logo Picture:	() Choose File No file chosen
Welcome Message:	Welcome, Earthling!
Username Field:	(first name.last name)
Password Field:	Password
Login Button Name:	Enter the Void
Copyright Message:	(c) 2017 Disco Networks
Error Message for Authentication Failure:	Try again
Show Agreement:	✔
Agreement Title:	I agree
Agreement Message:	Terms and Conditions

Apply   Cancel
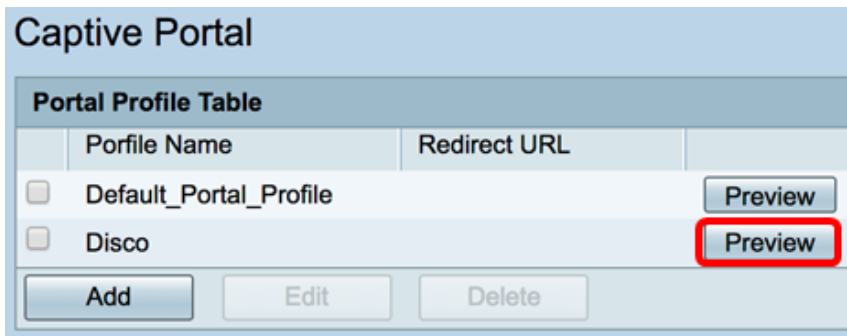
You will be taken to the main Captive Portal configuration page.

Step 21. (Optional) Click **Preview** to view the recently configured Captive Portal page.
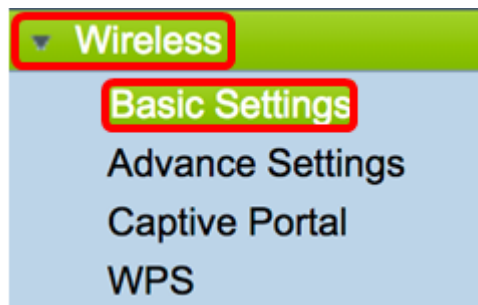

The image below is a preview of the configured Captive Portal.
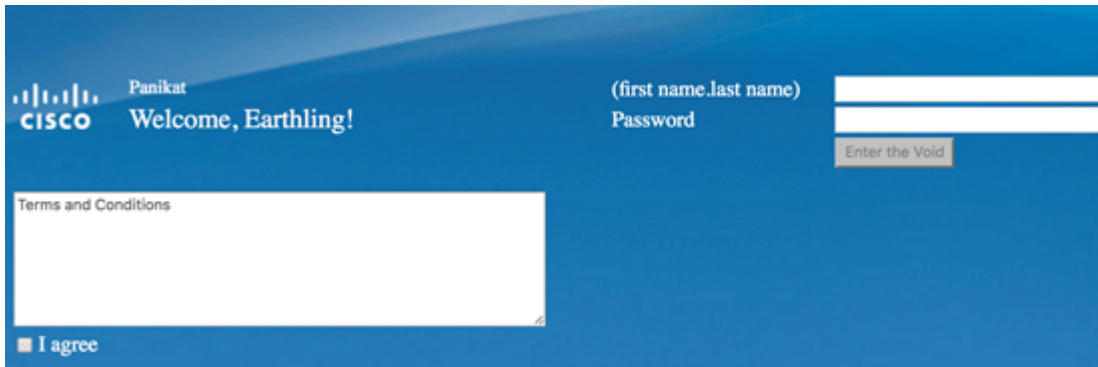
You should now have successfully configured and customized a Captive Portal profile on the RV340W.

Associate a Captive Portal Profile to a Service Set Identifier (SSID)

Step 1. Login to the web-based utility and choose **Wireless > Basic Settings**.

Step 2. In the Wireless Table, check the checkbox of the SSID you want to associate to the Captive Portal profile.

Note: In this example, ciscosb2 is chosen.

Step 3. Click **Edit**.

Step 4. Check the **Enable** Captive Portal check box.

Step 5. From the Captive portal drop-down list, choose a profile to associate with the SSID.

Note: In this example, Disco is chosen.

Step 6. Click **Apply**.

You should now have successfully associated a Captive Portal Profile to an SSID.