

Configure Content Filtering on the RV34x Series Router

Objective

Content filtering is a feature on the RV34x Series Router that can enhance an already secured network and promote productivity in the workplace by blocking or allowing websites or domains and keywords at certain times.

This article aims to show you how to configure and manage Content Filtering on the RV34x Series Routers.

Applicable Devices

- RV34x Series

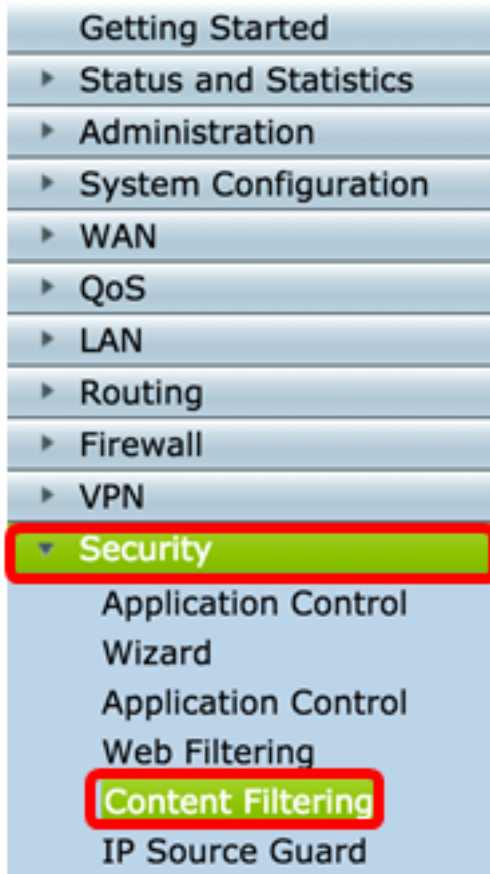
Software Version

- 1.0.00.33

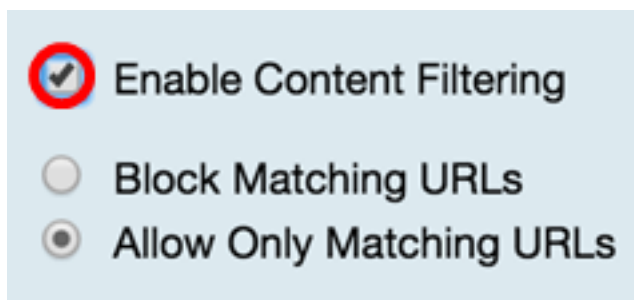
Configure Content Filtering

Create a Content Filter

Step 1. Log in to the web-based utility and choose Security > Content Filtering.



Step 2. Check the **Enable** Content Filtering check box to activate content filtering. This is disabled by default.



Step 3. (Optional) If Web Filtering is enabled on your router, it will be disabled the moment you enable Content Filtering. A notification will appear to inform you that Web Filtering has been disabled and that the two features cannot be enabled simultaneously. Click **Apply** to proceed with the configuration.



Step 4. Click a radio button to either Allow or Block incoming traffic on the network based on domain name or keyword.

- Block Matching URLs — Enter a specific domain name or keyword to be blocked or denied.
- Allow Only Matching URLs — Enter a specific domain name or keyword to be allowed or bypassed.

Note: For this example, Block Matching URLs is chosen.

Enable Content Filtering
 Block Matching URLs
 Allow Only Matching URLs

Step 5. Under the Filter by Domain area, click on **Add** to specify a domain name and time you want to block it.

Filter by Domain
 Domain Name Schedule

 Add Edit Delete

Step 6. To filter traffic by domain, enter a domain name or URL in the *Domain Name* field to deny traffic from a specific website or domain. There is no limit to the number of domains you can block.

Note: In this example, www.facebook.com is used.

Filter by Domain
 Domain Name Schedule
 www.facebook.com Always

Step 7. From the Schedule drop-down list, select a schedule which the policy should be set. The options may vary according to previously defined schedules. To configure a schedule, go to **System Configuration > Schedules** or you may click [here](#) for more details.

Note: For this example, the schedule is set to be Always on.

Filter by Domain
 Domain Name Schedule
 www.facebook.com Always

Always
 BUSINESS
 EVENINGHOURS
 MARKETING
 WORKHOURS

Step 8. Under the Filter by Keyword area, click on **Add** to specify a keyword name and time

you want to block it.

Filter by Keyword	
<input type="checkbox"/>	Keyword Name
	Schedule
<hr/>	
<input type="button" value="Add"/>	<input type="button" value="Edit"/>
<input type="button" value="Delete"/>	

Step 9. To filter traffic by keyword, enter a keyword name in the *Keyword Name* field. There is no limit to the number of keywords you can block.

Note: For this example, Gaming is used.

Filter by Keyword	
<input checked="" type="checkbox"/>	Keyword Name
<input checked="" type="checkbox"/>	Gaming
	Schedule
	Always
<hr/>	
<input type="button" value="Add"/>	<input type="button" value="Edit"/>
<input type="button" value="Delete"/>	

Step 10. From the Schedule drop-down list, select a schedule which the policy should be set. The options may vary according to previously defined schedules.

Note: For this example, the schedule is set to be Always on.

Filter by Keyword	
<input checked="" type="checkbox"/>	Keyword Name
<input checked="" type="checkbox"/>	Gaming
	Schedule
	Always
<hr/>	
<input type="button" value="Add"/>	<input type="button" value="Edit"/>
<input type="button" value="Delete"/>	
<hr/>	
<input type="button" value="Apply"/>	<input type="button" value="Cancel"/>

Step 11. Click on **Apply** to save the settings.

Filter by Keyword	
<input checked="" type="checkbox"/>	Keyword Name
<input checked="" type="checkbox"/>	Gaming
	Schedule
	Always
<hr/>	
<input type="button" value="Add"/>	<input type="button" value="Edit"/>
<input type="button" value="Delete"/>	
<hr/>	
<input type="button" value="Apply"/>	<input type="button" value="Cancel"/>

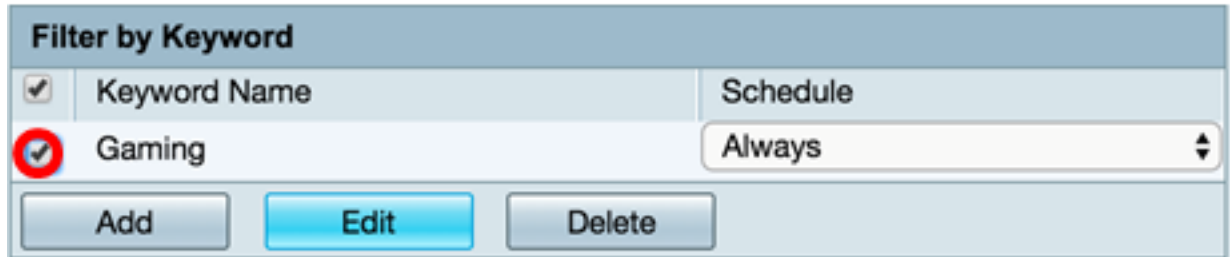
Step 12. (Optional) To save the configuration permanently, go to the Copy/Save Configuration page or click the  icon at the upper portion of the page.

You should now have successfully created a content filter on your RV34x Series Router.

Modify a Content Filter

Step 1. To modify an existing filter, check the check box of the filter you want to edit.

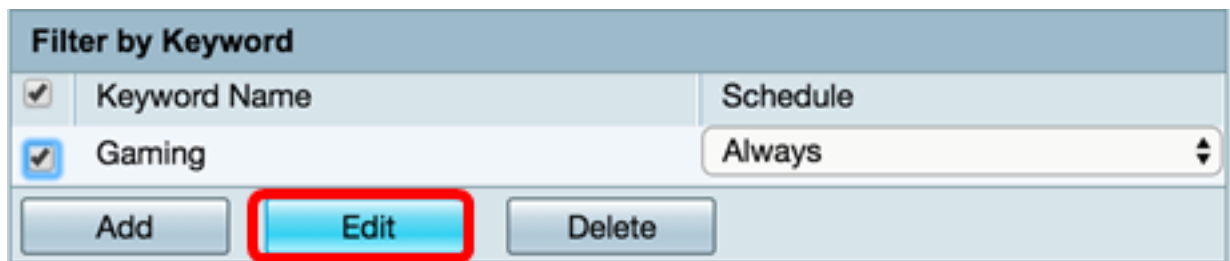
Note: For this example, the keyword filter Gaming is used.



The screenshot shows the 'Filter by Keyword' configuration page. It has a table with two columns: 'Keyword Name' and 'Schedule'. The first row is 'Keyword Name' with a checked checkbox. The second row is 'Gaming' with a checked checkbox and a dropdown menu set to 'Always'. Below the table are three buttons: 'Add', 'Edit', and 'Delete'. The 'Gaming' checkbox and the 'Edit' button are highlighted with a red circle.

<input checked="" type="checkbox"/>	Keyword Name	Schedule
<input checked="" type="checkbox"/>	Gaming	Always

Step 2. Click **Edit**.

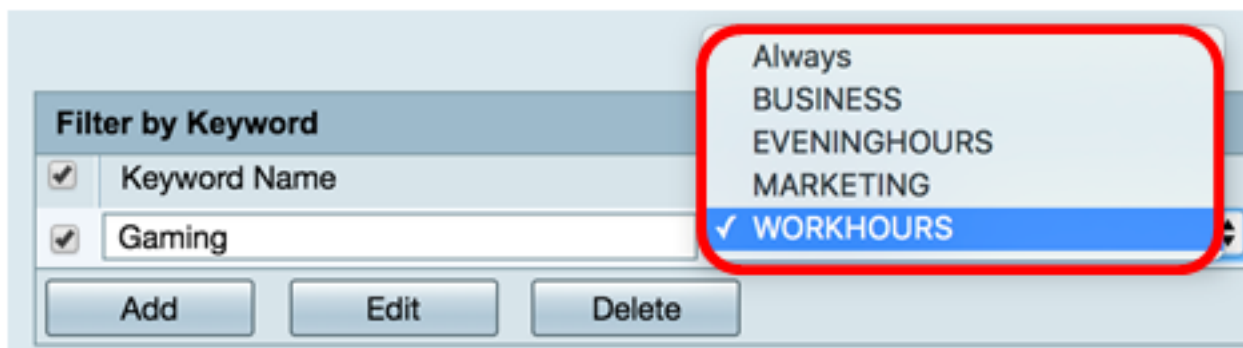


The screenshot shows the 'Filter by Keyword' configuration page. The 'Gaming' filter is selected. The 'Edit' button is highlighted with a red rectangle.

<input checked="" type="checkbox"/>	Keyword Name	Schedule
<input checked="" type="checkbox"/>	Gaming	Always

Step 3. Modify the keyword and/or schedule.

Note: For this example, the schedule is modified to be activated during WORKHOURS.

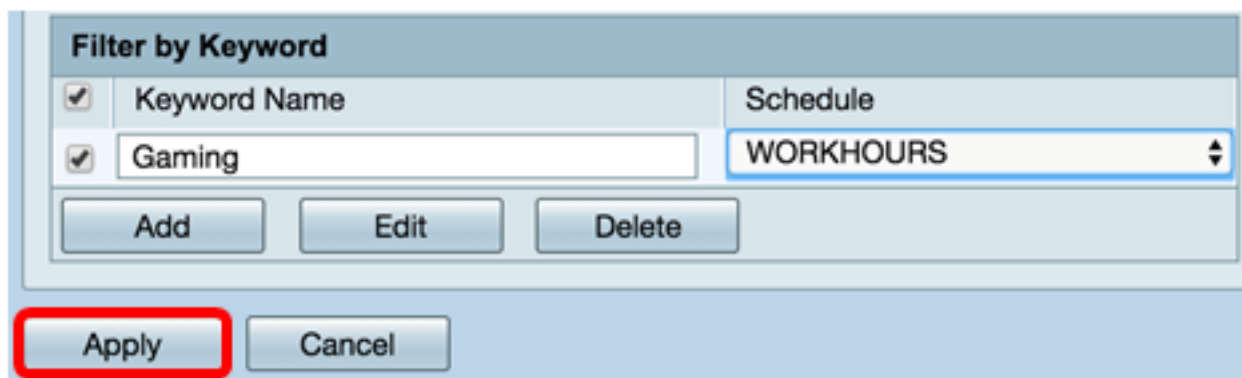


The screenshot shows the 'Filter by Keyword' configuration page with the 'Edit' dialog open. The dialog has a dropdown menu for the schedule, with 'WORKHOURS' selected and highlighted in blue. The 'Edit' button in the background is highlighted with a red rectangle.

<input checked="" type="checkbox"/>	Keyword Name	Schedule
<input checked="" type="checkbox"/>	Gaming	Always

- Always
- BUSINESS
- EVENINGHOURS
- MARKETING
- WORKHOURS


Step 4. Click **Apply**.



The screenshot shows the 'Filter by Keyword' configuration page. The 'Gaming' filter is selected and the schedule is 'WORKHOURS'. The 'Apply' button is highlighted with a red rectangle.

<input checked="" type="checkbox"/>	Keyword Name	Schedule
<input checked="" type="checkbox"/>	Gaming	WORKHOURS

Step 5. (Optional) To save the configuration permanently, go to the Copy/Save Configuration

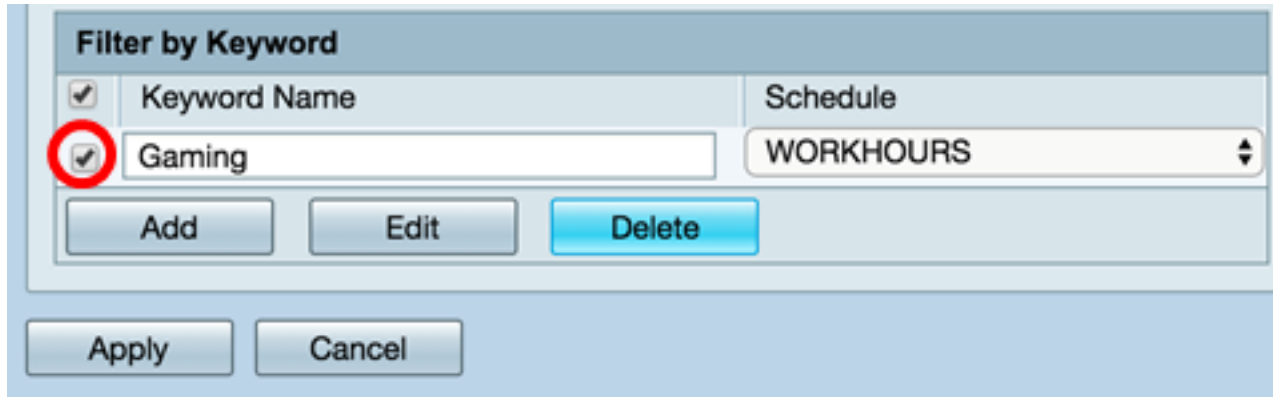
page or click the  icon at the upper portion of the page.

You should now have successfully modified a content filter.

Delete a Content Filter

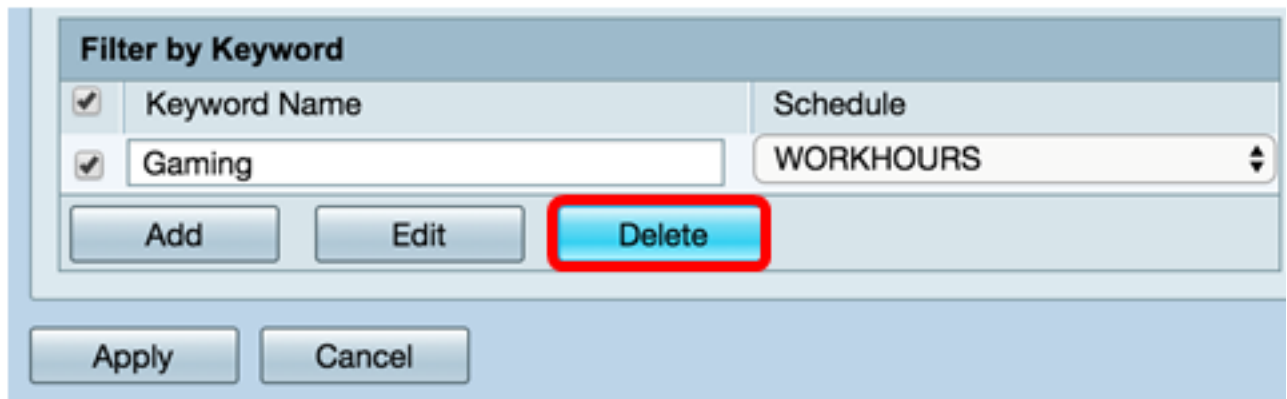
Step 1. To delete an existing filter, check the check box of the filter you want to delete.

Note: For this example, the keyword filter Gaming is used.



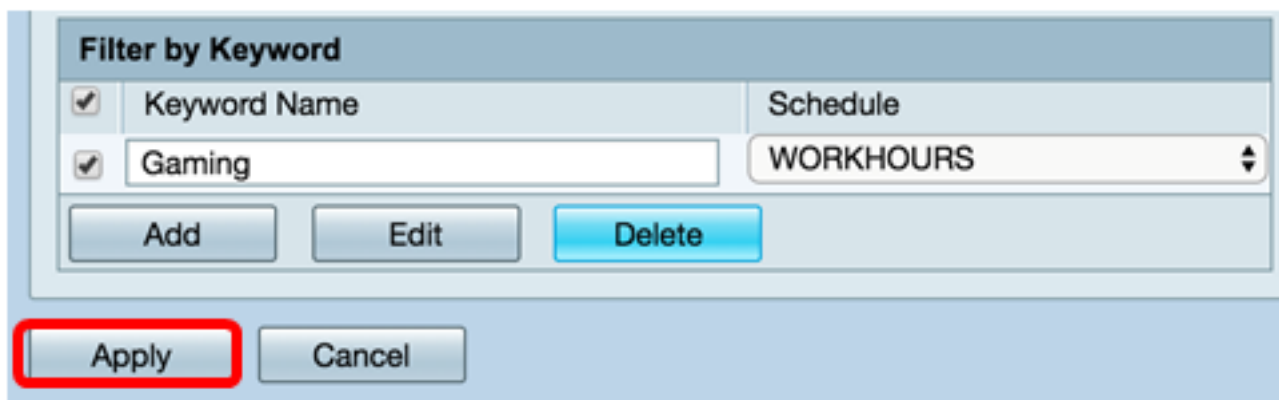
The screenshot shows a dialog box titled "Filter by Keyword". It contains a table with two columns: "Keyword Name" and "Schedule". The first row has a checked checkbox, "Keyword Name", and "Schedule". The second row has a checked checkbox (circled in red), "Gaming", and "WORKHOURS". Below the table are three buttons: "Add", "Edit", and "Delete" (highlighted in blue). At the bottom of the dialog are "Apply" and "Cancel" buttons.

Step 2. Click **Delete**.




The screenshot shows the same "Filter by Keyword" dialog box. The "Delete" button is now highlighted with a red rectangle, indicating it has been clicked.

Step 3. Click **Apply**.



The screenshot shows the same "Filter by Keyword" dialog box. The "Apply" button at the bottom left is now highlighted with a red rectangle, indicating it has been clicked.

Step 4. (Optional) To save the configuration permanently, go to the Copy/Save Configuration page or click the  icon at the upper portion of the page.

You should now have successfully deleted a content filter.