Content Filter Configuration on RV320 and RV325 VPN Router Series

Objective

A domain is a subnetwork that consists of clients and servers. A domain name is a string of characters that is used to label a domain. The content filter can be used to deny or allow users access to content at certain times. Content can be blocked from a domain based on a domain name or a website based on specific keywords. Content can be allowed from a domain based on a domain name.

This article explains how to configure the content filter on the RV32x VPN Router Series.

Applicable Devices

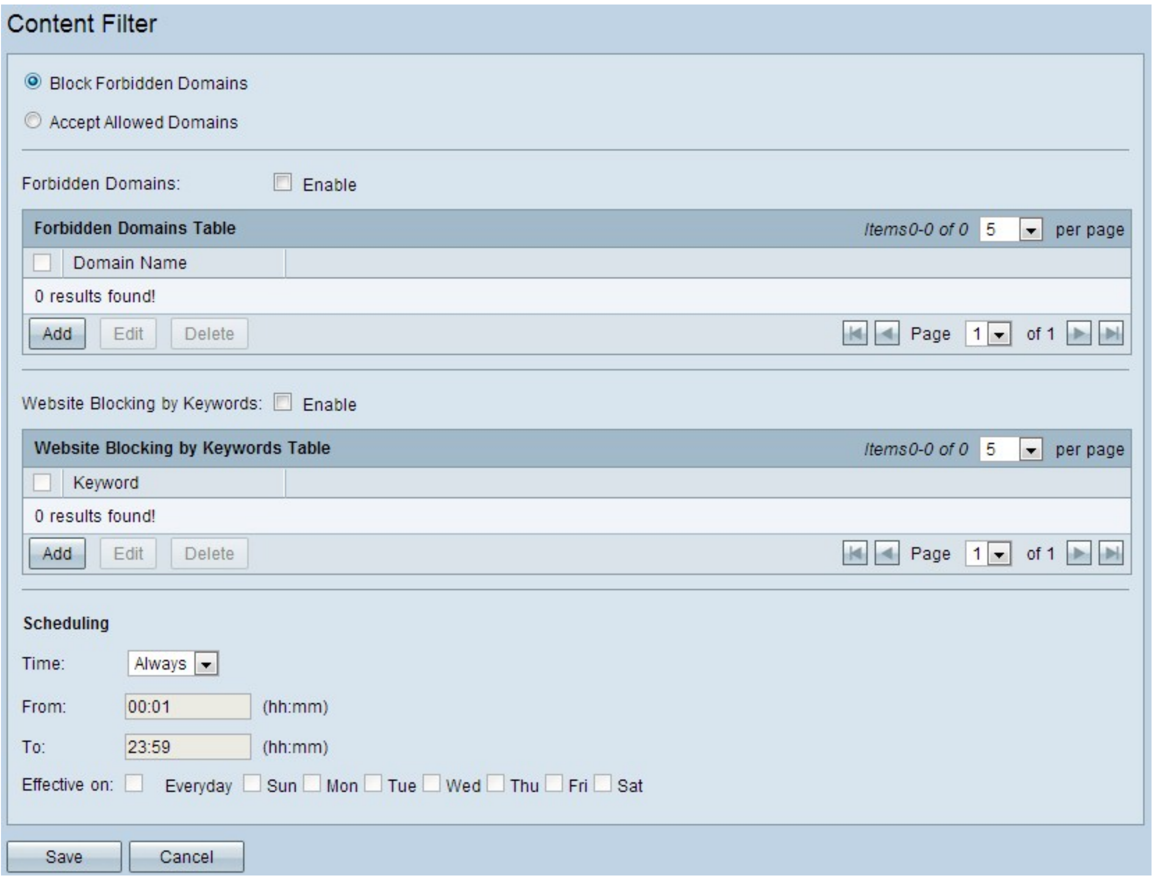
- RV320 Dual WAN VPN Router
- RV325 Gigabit Dual WAN VPN Router

Software Version

- v1.1.0.09

Block Forbidden Domains

Step 1. Log in to the Web Configuration Utility and choose **Firewall > Content Filter**. The *Content Filter* page opens:



Content Filter

● Block Forbidden Domains

○ Accept Allowed Domains

Forbidden Domains: □ Enable

Forbidden Domains Table — *Items0-0 of 0* 5 per page

□ Domain Name

0 results found!

Website Blocking by Keywords: □ Enable

Website Blocking by Keywords Table — *Items0-0 of 0* 5 per page

□ Keyword

0 results found!

Scheduling

Time: Always

From: 00:01 (hh:mm)

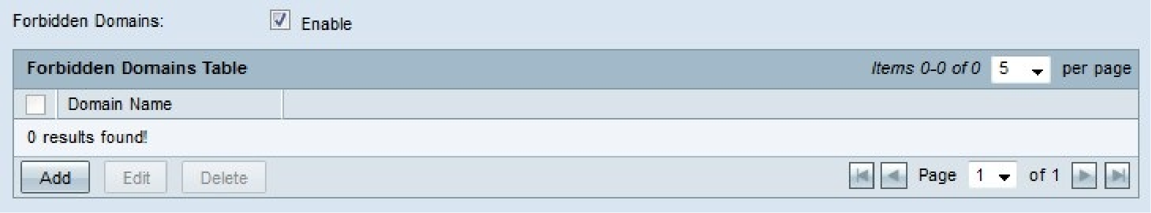
To: 23:59 (hh:mm)

Effective on: □ Everyday □ Sun □ Mon □ Tue □ Wed □ Thu □ Fri □ Sat

Step 2. Click the **Block Forbidden Domains** radio button to deny specified domains and websites with defined keywords.

Manage Forbidden Domain

Step 1. Check **Enable** in the *Forbidden Domain*s field to deny content from the specified domains.



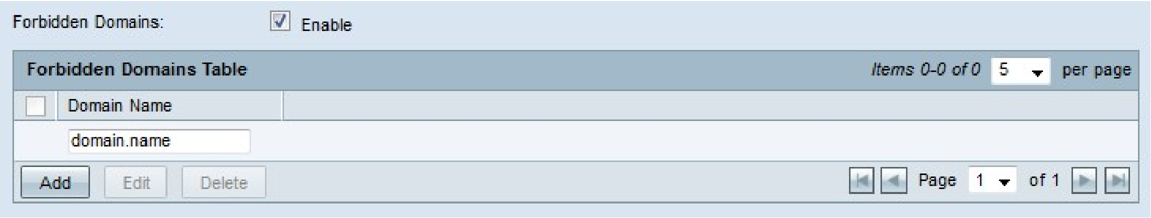
Forbidden Domains: ☑ Enable

Forbidden Domains Table — *Items 0-0 of 0* 5 per page

□ Domain Name

0 results found!

Step 2 Click **Add** in the Forbidden Domains Table to add a new forbidden domain.



Forbidden Domains: ☑ Enable

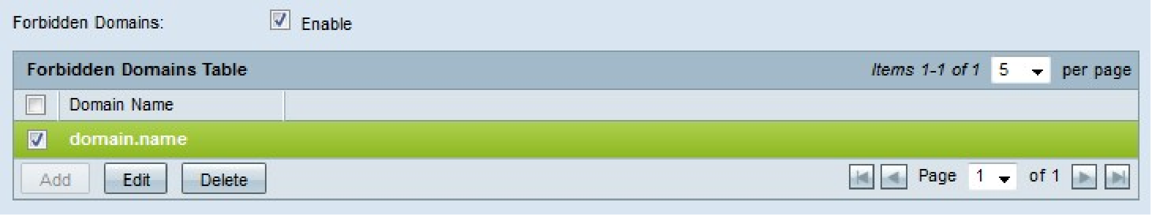
Forbidden Domains Table — *Items 0-0 of 0* 5 per page

□ Domain Name

domain.name

Step 3. Enter the domain name from which you want to block content in the *Domain Name* field.

Step 4. Click **Save**. The domain name is added to the forbidden Domains Table.



Forbidden Domains: ☑ Enable

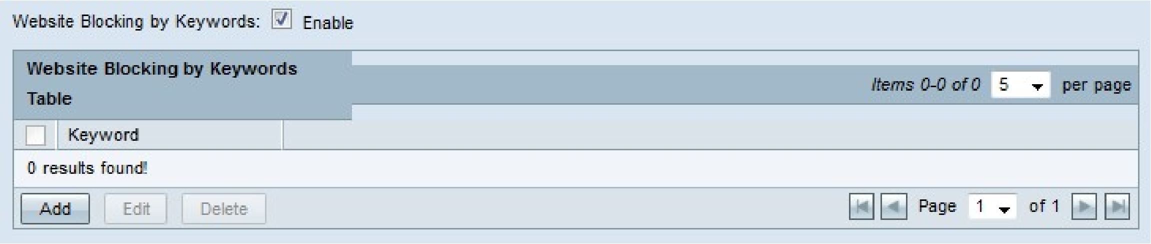
Forbidden Domains Table *Items 1-1 of 1* 5 per page

□	Domain Name
☑	domain.name

Step 5. (Optional) To edit a forbidden domain entry, check the check box of the entry that you want to edit, click **Edit**, edit the domain name in the *Domain Name* field and click **Save**.

Step 6. (Optional) To delete a forbidden domain entry, check the check box of the entry that you want to delete, click **Delete** and click **Save**.

Manage Website Blocking



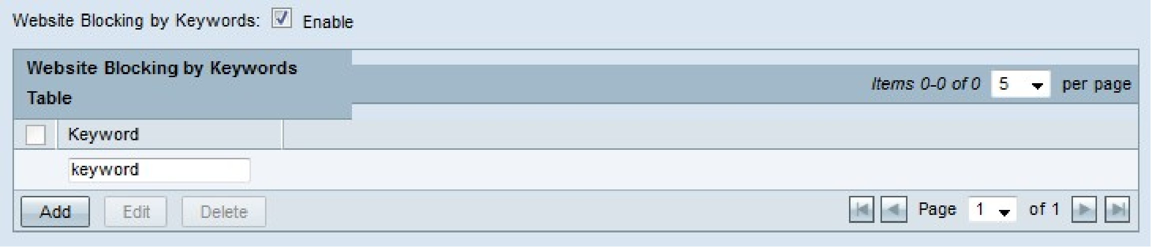
Website Blocking by Keywords: ☑ Enable

Website Blocking by Keywords Table *Items 0-0 of 0* 5 per page

□	Keyword
0 results found!	

Step 1. Check **Enable** in the *Website Blocking by Keywords* field to deny content from websites based on specified keywords. If the keyword occurs in the address of the website, the website is blocked.

Step 2. Click **Add** in the Website Blocking by Keywords Table to block a website.



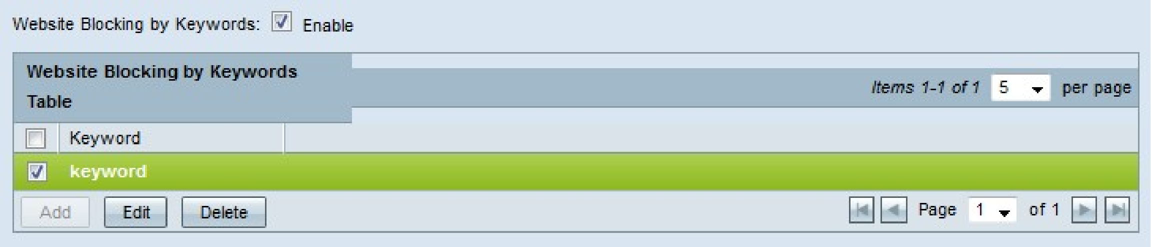
Website Blocking by Keywords: ☑ Enable

Website Blocking by Keywords Table *Items 0-0 of 0* 5 per page

□	Keyword
	keyword

Step 3. Enter a word in the *Keyword* field. The router will deny content from websites that contain this keyword.

Step 4. Click **Save**. The keyword is added to the Website Blocking by Keywords Table.



Website Blocking by Keywords: ☑ Enable

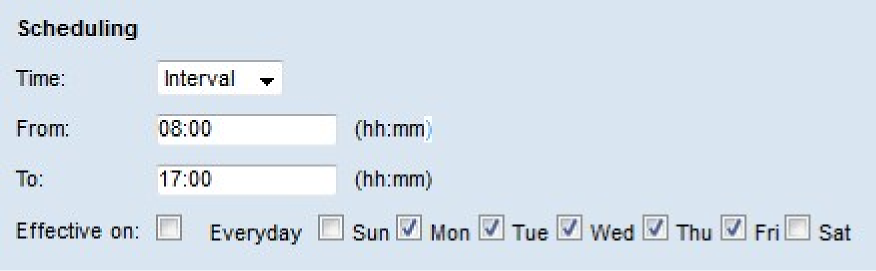
Website Blocking by Keywords Table *Items 1-1 of 1* 5 per page

□	Keyword
☑	keyword

Step 5. (Optional) To edit a website blocking entry, check the check box of the entry that you want to edit, click **Edit**, edit the website keyword in the *Keyword* field and click **Save**.

Step 6. (Optional) To delete a website blocking entry, check the check box of the entry that you want to delete, click **Delete** and click **Save**.

Scheduling



Scheduling

Time: Interval

From: 08:00 (hh:mm)

To: 17:00 (hh:mm)

Effective on: □ Everyday □ Sun ☑ Mon ☑ Tue ☑ Wed ☑ Thu ☑ Fri □ Sat

Step 1. Choose a time for the forbidden domain restrictions to be in effect from the *Time* drop-down list.

- Always — The restriction is always in effect.
- Interval — The restriction is in effect based on the defined time.

Step 2. If the *Time* field is set to Interval, configure the following fields to define the time at which the forbidden domain restriction is in effect.

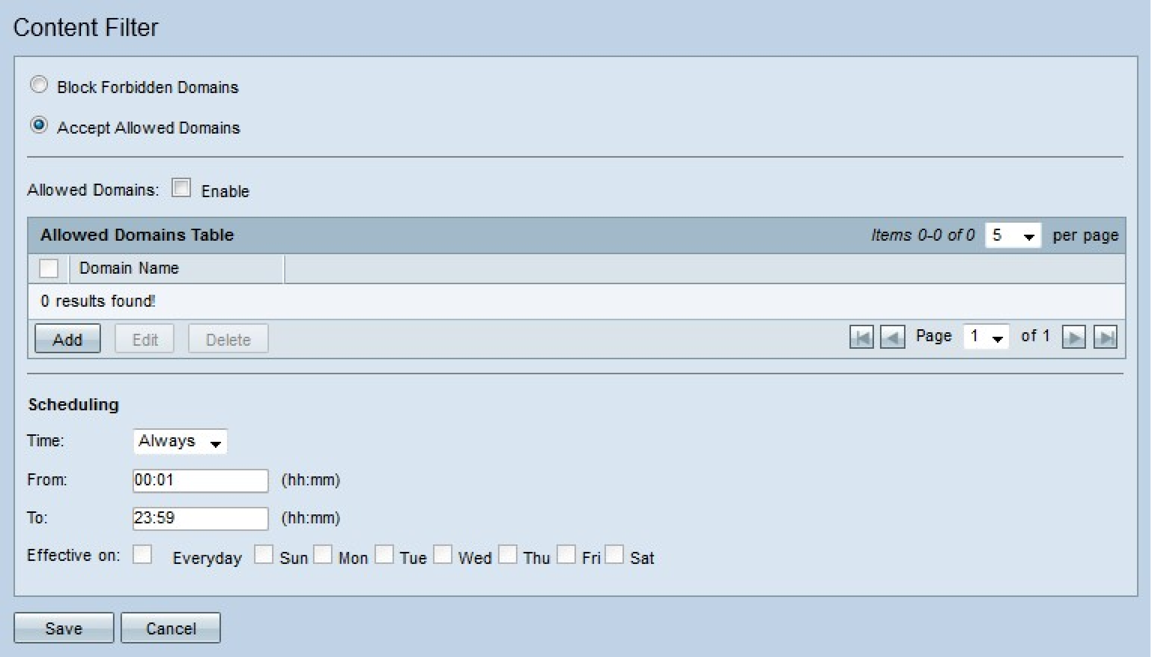
- From — The start time of the restriction in the format HH:MM.
- To — The end time of the restriction in the format HH:MM.

Step 3. Check the check boxes of the days that the restriction applies to in the *Effect On* field.

Step 4. Click **Save**. The content filter schedule is configured.

Accept Allowed Domains

Step 1. Log in to the Router Configuration Utility and choose **Firewall > Content Filter**. The *Content Filter* page opens:



Content Filter

○ Block Forbidden Domains

● Accept Allowed Domains

Allowed Domains: □ Enable

Allowed Domains Table — *Items 0-0 of 0* 5 per page

□	Domain Name
0 results found!	

Scheduling

Time: Always

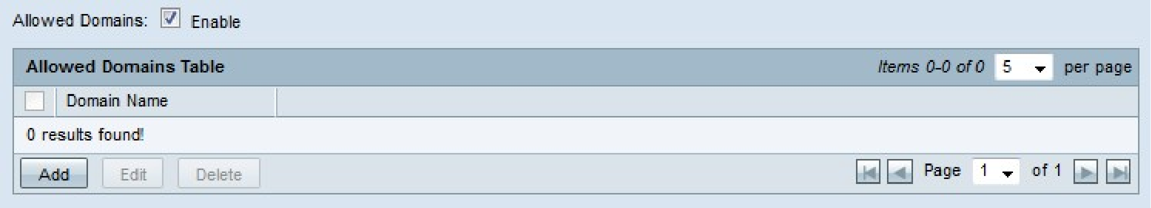
From: 00:01 (hh:mm)

To: 23:59 (hh:mm)

Effective on: □ Everyday □ Sun □ Mon □ Tue □ Wed □ Thu □ Fri □ Sat

Step 2. Click the **Accept Allowed Domains** radio button to allow specified domains.

Manage Allowed Domain


Allowed Domains: ☑ Enable

Allowed Domains Table — *Items 0-0 of 0* — 5 per page

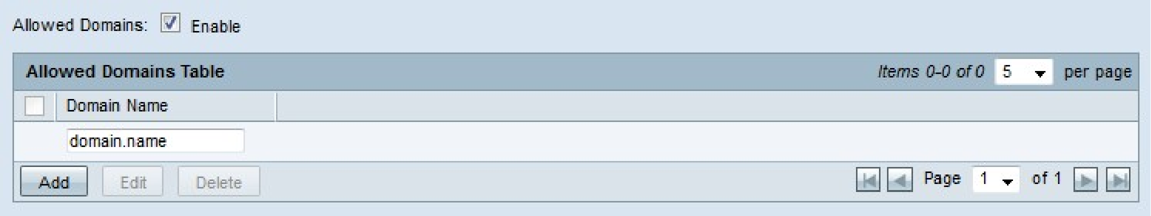
□ Domain Name

0 results found!

Page 1 of 1

Step 1. Check **Enable** in the *Allowed Domains* field to allow content from the specified domains.

Step 2. Click **Add** in the Allowed Domains Table to add a new allowed domain.


Allowed Domains: ☑ Enable

Allowed Domains Table — *Items 0-0 of 0* — 5 per page

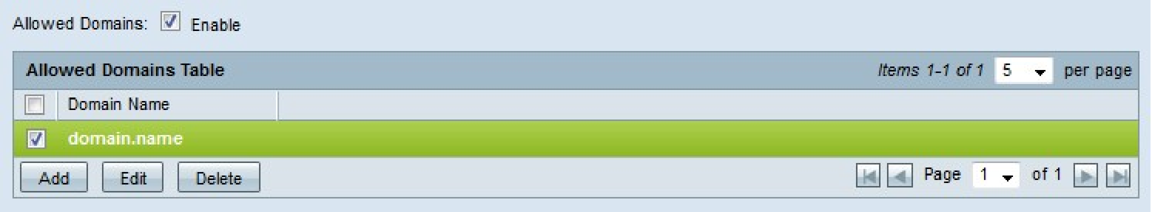
□ Domain Name

domain.name

Page 1 of 1

Step 3. Enter the domain name from which you want to allow content in the *Domain Name* field.

Step 4. Click **Save**. The domain name is added to the Allowed Domains Table.


Allowed Domains: ☑ Enable

Allowed Domains Table — *Items 1-1 of 1* — 5 per page

□ Domain Name

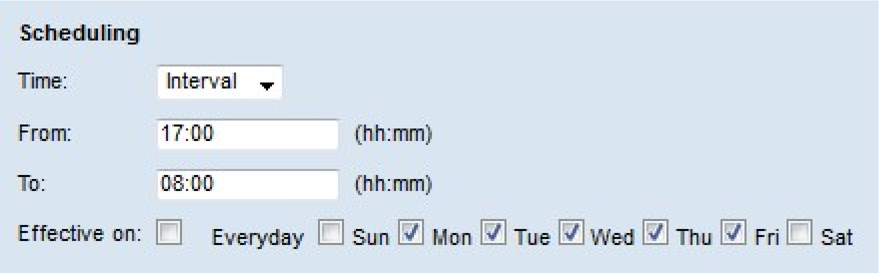
☑ domain.name

Page 1 of 1

Step 5. (Optional) To edit an allowed domain entry, check the check box of the entry that you want to edit, click **Edit**, edit the domain name in the *Domain Name* field and click **Save**.

Step 6. (Optional) To delete an allowed domain entry, check the check box of the entry that you want to delete, click **Delete** and click **Save**.

Scheduling


Scheduling

Time: Interval

From: 17:00 (hh:mm)

To: 08:00 (hh:mm)

Effective on: □ Everyday □ Sun ☑ Mon ☑ Tue ☑ Wed ☑ Thu ☑ Fri □ Sat

Step 1. Choose a time for the allowed domain rules to be in effect from the *Time* drop-down list.

- Always — The rules are always in effect.
- Interval — The rules are in effect based on the defined time.

Step 2. If the *Time* field is set to interval, configure the following fields to define the time at which the allowed domain rules are in effect.

- From — The start time of the rules in the format HH:MM.
- To — The end time of the rules in the format HH:MM.

Step 3. Check the check boxes of the days that the rules apply to in the *Effect On* field.

Step 4. Click **Save**. The content filter schedule is configured.