Content Filter Configuration on RV016, RV042, RV042G and RV082 VPN Routers

Objective

Content filtering configuration denies access to clients from administrator designated unwanted websites. Content filtering can block access to websites based on domain names and keywords. It is also possible to schedule when the content filtering is active. This article explains how to configure content filtering on RV016, RV042, RV042G, and RV082 VPN Routers.

Note: If Cisco Protectlink is active on the router, content filtering becomes disabled.
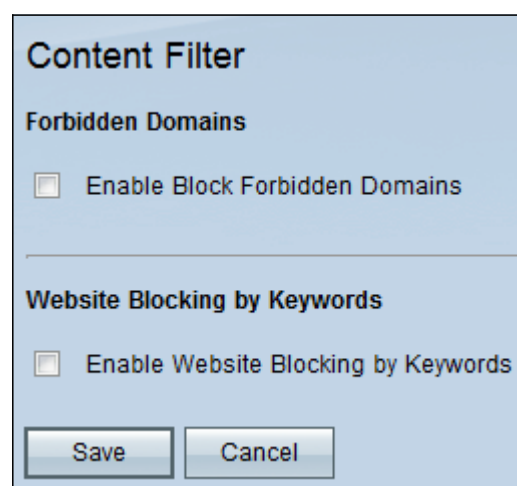
Applicable Devices

- RV016
- RV042
- RV042G
- RV082

Software Version

- v4.2.2.08

Content Filter

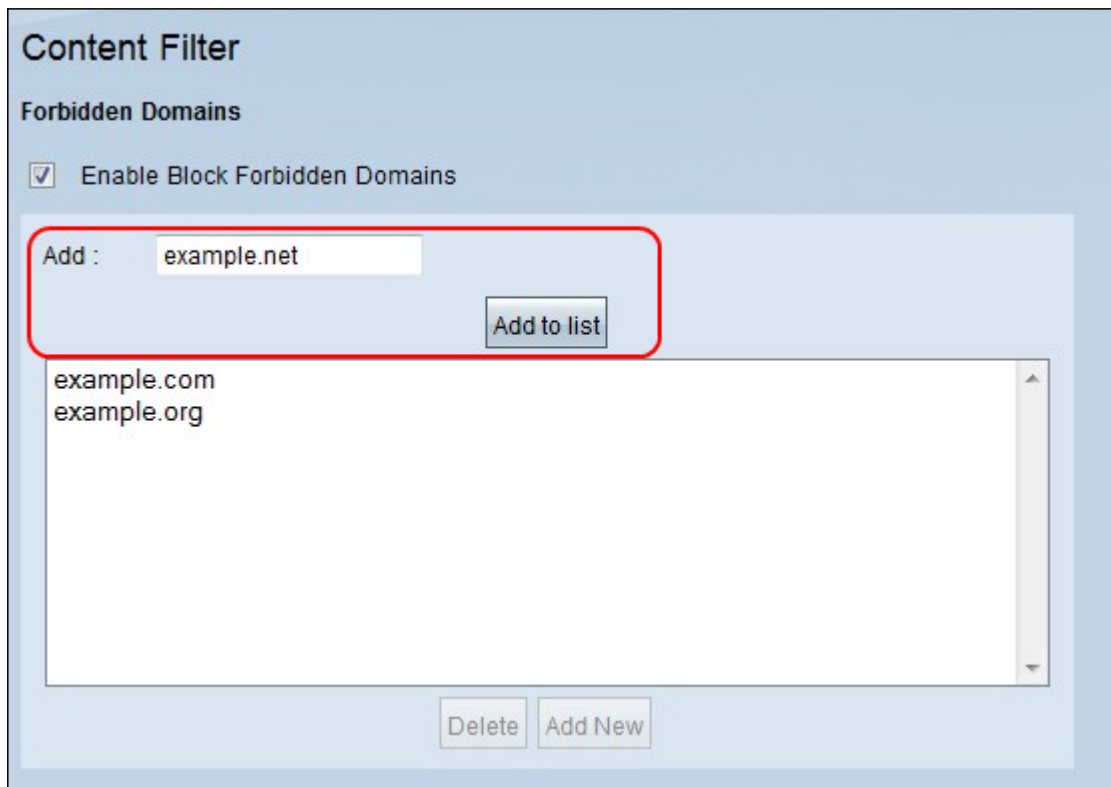Step 1. Log in to the web configuration utility and choose **Firewall > Content Filter**. The *Content Filter* page opens:

Step 2. Check the checkbox of the desired content filter.

- [Content Filter for Forbidden Domains](#) — To block access to specific domains, check the **Enable Block Forbidden Domains** check box. Once checked, more options in the *Forbidden Domains* area appear on the page.

- [Content Filter for Website Blocking by Keywords](#) — To block access to websites based on

specific characters in their URL, check the **Enable Website Blocking by Keywords** check box.

Content Filter for Forbidden Domains

Step 1. Enter a domain name you would like to block in the *Add* field. Click **Add to List** to add the domain to the *Forbidden Domain* list. Repeat this step as many times as is needed to enter all desired domain names to forbid.

Step 2. (Optional) To update an entry, select the entry from the table and enter the updated domain name in the *Add* field. When finished, click **Update**. The new domain name will appear in the table.

Step 3. (Optional) To delete any existing domains from the block list, select the domain and click **Delete**.

Step 4. (Optional) To add a new entry, click **Add New**.

Step 5. Click **Save** to save all settings.

Note: To schedule when the domain blocking is active, see Scheduling.

Content Filter for Website Blocking by Keywords

Step 1. Enter the keyword(s) you would like to block in the *Add* field and click **Add to List** to add the keywords to the block list. Repeat this step as many times as is needed to enter all desired keywords.

Step 2. (Optional) To delete a keyword from the list, select the respective keyword and click **Delete**.

Step 3. (Optional) To add a new entry, click **Add New**.

Step 4. Click **Save** to save all settings.

Note: To schedule when the keyword blocking is active, see Scheduling.

Scheduling

You can schedule the content filtering in the *Scheduling* area. Scheduling the content rules determines when they will be in effect. The time and days of the week, the rules are active can be changed in this section.

Note: Scheduling can only be enabled once a content filter has been configured.

Note: Scheduling applies to all the content filtering rules.

Step 1. Choose the appropriate time when to apply the content filtering rules on the router from the *Time* drop-down list.

- Always — Access rules always apply on the router. The default is Always.

- Interval — Access rules are applied for specific times according to the time that is configured.

Timesaver: If scheduling is set to Always, skip to

Step 2. Enter the start time to apply the content filter rule on the RV router in the *From* field. The format for the time is hh:mm. The times are in 24 hour notation.

Step 3. Enter the end time to apply the content filter rule on the RV router in the *To* field. The format for the time is hh: mm. The times are in 24 hour notation.

Step 4. Check the desired check boxes on the days you want to apply the access rule on the RV router in the *Effective On* field.

. Click **Save** to save the changes.