

How to Create a URL Filter Policy Object

<https://campus.barracuda.com/doc/96026297/>

A URL Filter Policy object determines how a website that matches one of the URL categories is handled by the Barracuda CloudGen Firewall. To override Barracuda Networks' URL database, you must define custom URL block and allow lists. If you are migrating a large number of domains to your block or allow list, create a list with one domain per line. Use the bulk edit feature and copy/paste the list to the custom URL block or allow lists. In bulk edit mode, you can only select one action for the allow list. To define the allow action per domain, disable bulk edit. The following actions are available for each URL category:

- **Allow** – The user can access the website.
- **Block** – The user is blocked from viewing the website and is redirected to the customizable URL Filter block page. For more information, see [How to Configure Custom Block Pages and Texts](#).
- **Warn and Continue** – The user can visit the webpage after clicking **Continue** on the customizable URL Filter warning page. This action is logged to Box/Firewall/acknowledged. For more information, see [How to Configure Custom Block Pages and Texts](#).
- **Alert** – Visiting a website in this category is silently logged. Go to **FIREWALL > Monitor, Filter Settings** and activate the filter for '**Warned**' to see the logged alerts.
- **Override** – Allow the user to request temporary access from an admin. Upon receiving the request the override admin must log in to the override admin interface to grant access for a specific amount of time to this otherwise blocked URL category. The admin can only grant overrides for the URL category not for specific websites.

Before You Begin

Before you create URL Filter Policy objects, verify that you have enabled the URL Filter. For instructions on how to activate the URL Filter, see [How to Enable Application Control](#)

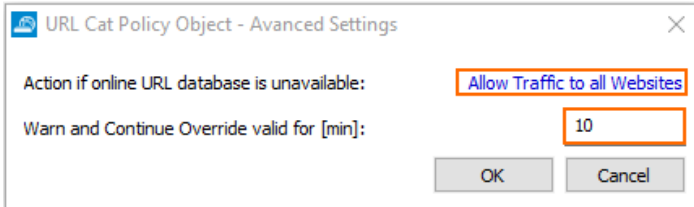
Create an URL Filter Policy Object

1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. In the left menu, click **URL Filter**.
4. Create the URL Filter Policy object by either right-clicking the table and selecting **New > URL Filter Policy object** or by using the icons in the top-right area of the ruleset.



5. Click **Advanced Settings**. The **URL Cat Policy Object - Advanced Settings** window opens.

6. Select the **Action if online URL database is unavailable**.
7. Enter the timeout for **Warn and Continue Override valid for [min]**. Default: 10 min.
8. Click **OK**.



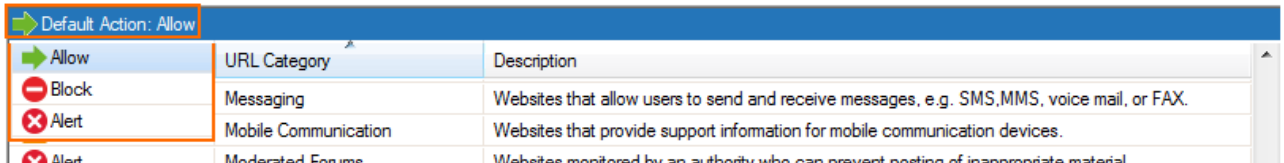
URL Cat Policy Object - Advanced Settings

Action if online URL database is unavailable: **Allow Traffic to all Websites**

Warn and Continue Override valid for [min]: **10**

OK Cancel

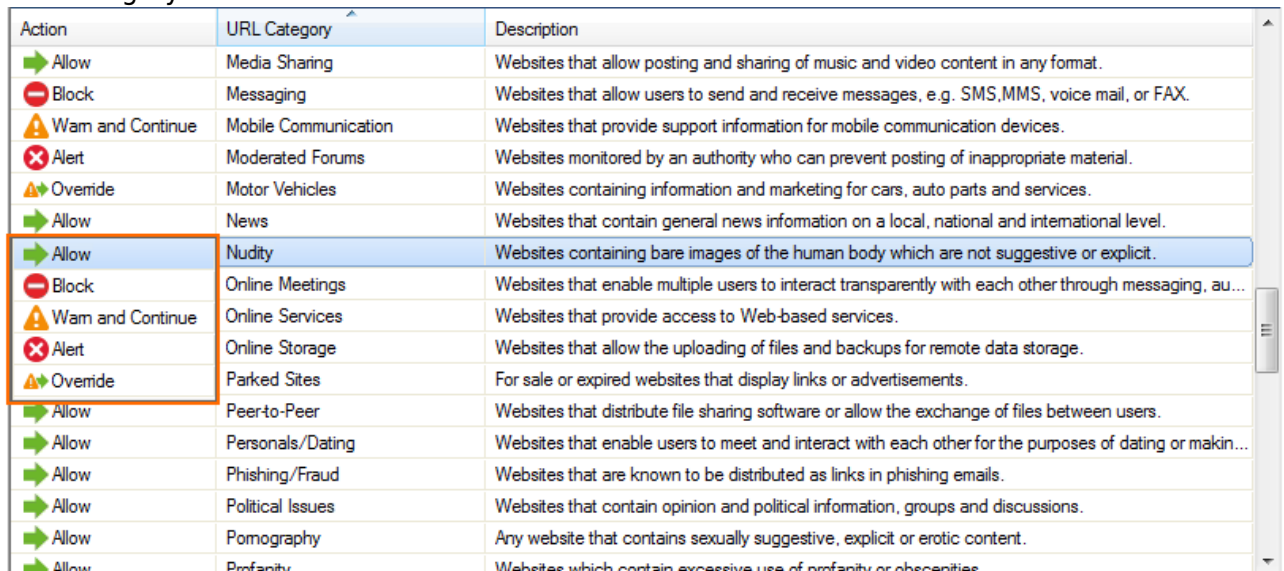
9. Click on **Default Action** and select **Block**, **Allow** or **Alert** from the dropdown.



Default Action: Allow

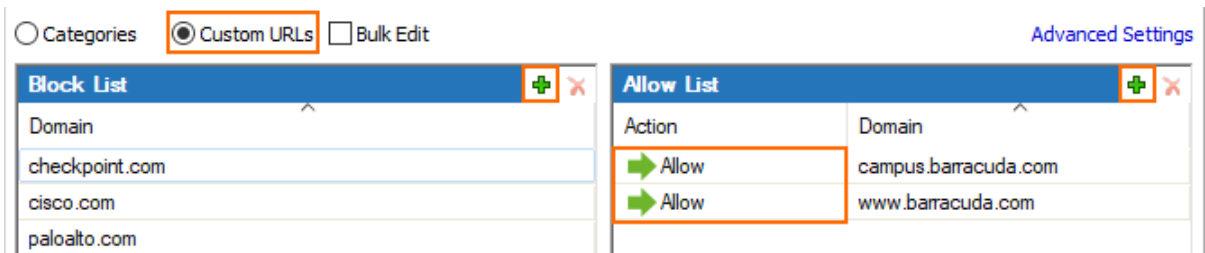
Action	URL Category	Description
Allow		
Block	Messaging	Websites that allow users to send and receive messages, e.g. SMS, MMS, voice mail, or FAX.
Alert	Mobile Communication	Websites that provide support information for mobile communication devices.
Alert	Moderated Forums	Websites monitored by an authority who can prevent posting of inappropriate material.

10. Select **Block**, **Allow**, **Warn and Continue**, **Alert** or **Override** in the **Action** column for each URL category.



Action	URL Category	Description
Allow	Media Sharing	Websites that allow posting and sharing of music and video content in any format.
Block	Messaging	Websites that allow users to send and receive messages, e.g. SMS, MMS, voice mail, or FAX.
Warn and Continue	Mobile Communication	Websites that provide support information for mobile communication devices.
Alert	Moderated Forums	Websites monitored by an authority who can prevent posting of inappropriate material.
Override	Motor Vehicles	Websites containing information and marketing for cars, auto parts and services.
Allow	News	Websites that contain general news information on a local, national and international level.
Allow	Nudity	Websites containing bare images of the human body which are not suggestive or explicit.
Block	Online Meetings	Websites that enable multiple users to interact transparently with each other through messaging, au...
Warn and Continue	Online Services	Websites that provide access to Web-based services.
Alert	Online Storage	Websites that allow the uploading of files and backups for remote data storage.
Override	Parked Sites	For sale or expired websites that display links or advertisements.
Allow	Peer-to-Peer	Websites that distribute file sharing software or allow the exchange of files between users.
Allow	Personals/Dating	Websites that enable users to meet and interact with each other for the purposes of dating or makin...
Allow	Phishing/Fraud	Websites that are known to be distributed as links in phishing emails.
Allow	Political Issues	Websites that contain opinion and political information, groups and discussions.
Allow	Pornography	Any website that contains sexually suggestive, explicit or erotic content.
Allow	Profanity	Websites which contain excessive use of profanity or obscenities.

11. (optional) To allow-list or block-list specific domains, select **Custom URLs**.
 1. For each block-listed domain, click + to add a domain to the **Block List**.
 2. For each allow-listed domain, click + to select the action and to enter the domain name in the **Allow List**.




Categories: ☒ Custom URLs ☐ Bulk Edit

Advanced Settings

Block List	
Domain	Action
checkpoint.com	
cisco.com	
paloalto.com	

Allow List	
Action	Domain
Allow	campus.barracuda.com
Allow	www.barracuda.com

3. Enable **Bulk Edit** to enter a large number of domains. Each domain must use a new line. In bulk edit mode, only one action can be set for the **Allow List**. Disable **Bulk Edit** after entering the domains to select the **Action** per entry.

 Edit URL Filter Policy Object ✕

Name

test

Save

Comment

☐ Categories


☒ Custom URLs

☒ Bulk Edit

Advanced Settings

Block List

checkpoint.com
cisco.com
paloalto.com

Allow List - Select Action:  Allow

campus.barracuda.com
www.barracuda.com

12. Click **Save**.

13. Click **Send Changes** and **Activate**.

You can now apply the URL Filter policy object to selected Application Rules. For more information, see [How to Create an Application Rule](#).

Figures

1. url_policy0a.png
2. url_policy00.png
3. url_policy01.png
4. url_policy02a.png
5. url_policy_04.png
6. url_policy_05.png

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