

# How to Configure URL Filter Overrides

#### https://campus.barracuda.com/doc/96026295/

You can use the Override feature of the URL Filter to grant temporary access to otherwise blocked URL categories. URL categories that are set to the **override** policy redirect the user to the customizable Override Block page of the URL Filter. The user can then select the override admin and request an override. The override admin must log into the override admin interface and grant the request for a specified time. When the request has been granted, the user is automatically forwarded to the website. Overrides are always granted for the entire URL category.

#### Video

To see URL Filter Overrides Request in action, watch the following video:

OPTIONS	÷	★ + <sup>10.0.10.1</sup>	Ban 77 11300000 × =	racuda NG Admin 10.0.10.88 HQ-NG1	16.1 - videoadmin	@ ngcc-00130000001j	oRGt - CC Control /	Status Map			- 🕫 💌
CONTROL	CONFIGURA	TION DATABASE	ADMINS	STATISTICS	EVENTS PKI	NAC FWAUDI	т				
Status Map	Geo Maps	Configuration Updates	File Updates	Sessions	Barracud Activation	a 😭 Floating Licenses	Collection	Remote Execution	Scanner Versions		Ċ ~
Scope: All	State:	<b>ang</b> (0) 🛛 🚍 2	<b>a</b> 0 <b>a</b>	0 <mark>x</mark> (0)					🚱 Range	🔤 Cluster 🛛 🙀 HA	😪 Filter 🔻
	~								<b>v v v v</b>	<b>• • •</b>	
Name		Description	Access I	P	Version	Country	Appliance	Server	S N Li A	R V C	
4 🚞 1/DocHQ					6.1					. 🗰 🖲 🖬	
🚍 HQ-NG1		Headquarters	10.0.10.8	88	6.1.1-06	4.nightbuild 🚍 Austria	VF25	VIRT1		. 🗰 🖲 💱	
EHQ-NG2		Headquarters HA	10.0.10.3	33	6.1.1-06	4.nightbuild 🚍 Austria	VF25	Sec: VIRT1		. 🗰 🔊 💱	
Connected to 10	.0.10.77 (v 6.1.)	1-064)		-		SSL Se	cured (AES128-SHA)	Certificat	e: <not loaded=""></not>	CC Time: 13:04 (	Europe/Vienna)
🕘 🚞	1	0	og (2)							- 🍽 🛍 🔍 🕪	12:19 06.07.2015

# Barracuda CloudGen Firewall



CONTROL CONFIGURATION DATABASE ADMINS STATISTICS EVENTS PKI NAC FW/AUDIT   Image Ima	Filter •
Status	S A
Scope:   All   State:   0   <	Filter •
Name   Description   Access IP   Version   Country   Appliance   Server   S   N   Li   A   R   V   C	
Name Description Access IP Version Country Appliance Server S, N Li A R V, C	
• 🚍 1/DocHQ 6.1 🔤 🚠 👰 👤 🌞 问 💱	
🚍 HQ-NG1 Headquasters 10.0.10.88 6.1.1-064.nightbuild 🚍 Austria VF25 VIRT1 🥃 👗 🤶 👤 🗰 🍙 💱	
🚍 HQ-NG2 Headquarters HA 10.0.10.33 6.1.1-064.nightbuild 🚍 Austria VF25 Sec: VIRT1 🗮 👗 👰 👤 🌞 闸 💱	
Connected to 10.0.10.77 (v 6.1.1-064) Certificate: < NOT LOADED> CC Time: 13.04 (Ex	rope/Vienna)
(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	12:19 06.07.2015

Videolink:

https://campus.barracuda.com/

## **Before You Begin**

- Create or edit existing URL Policy objects in order to use the **override** policy for the URL categories of your choice.
- Configure URL Filtering in the Firewall. For more information, see <u>How to Configure URL Filtering</u> in the Firewall.

# **Step 1. Create the SSL Certificate and Admin Users for the Override Admin Interface**

Create or upload an SSL certificate for the Override interface. This certificate is also used for the ticketing system.

- 1. Go to CONFIGURATION > Configuration Tr ee > Box > Assigned Services > Firewall > Forwarding Settings .
- 2. In the left menu, select **Authentication**.
- 3. Click Lock.



- 4. Import or create the **Default HTTPS Private Key** and **Default HTTPS Certificate**.
  - This SSL certificate is also used by inline and offline firewall authentication. If inline authentication is used, the **Name** of the certificate must be the IP address or an FQDN resolving to the IP address of the Barracuda CloudGen Firewall. This value is used to redirect the client to the authentication daemon.
- 5. Click **Set/Edit** to add **URL Filter Override Users**. The **URL Filter Override Users** window opens.
- 6. Click + to add a **User specific data** entry.
- 7. Enter the **Name**. This is the username used to log into the override admin interface.
- 8. Enter the **Password.**
- 9. Enter the **Full Name**. The user can select this name from the dropdown on the Override Block page when requesting and override from a specific admin.
- 10. Enter the **User email**.
- 11. Click Send Changes and Activate.

## Step 2. Create App Redirect Access Rule for Override Admin Portal

Add an access rule to redirect the admin user to the web filter override admin page. This rule will also allow access to the guest user ticketing system.

- 1. Go to CONFIGURATION > Configuration Tree > Box > Assigned Services > Firewall > Forwarding Rules.
- 2. Click **Lock**.
- 3. Create an **App Redirect** access rule:
  - Action Select App Redirect.
  - **Source** Select the source network allowed to access the web filter override portal.
  - Service Select HTTPS.
  - Destination Enter the IP address the override admin interface is accessed through. You can use any free IP address (e.g., 1.2.3.4) or an IP address on the Barracuda CloudGen Firewall that does not have a listener on port 443.
  - Redirection Enter 127.0.0.1



S App Redirect	▼ LAN-2	2-OVERRIDE-ADMIN				
🛹 🗌 Bi-Directional		\delta 🗌 Dynamic Rule		<b>()</b>	eactivate Rule	
Source VR Instance	default	✓ Destination <sup>1</sup>	VR Inst	ance	Same as Source	$\sim$
Source		Service		Destinat	ion	
Trusted LAN	•	HTTPS	•	<explicit< td=""><td>-dest&gt;</td><td>•</td></explicit<>	-dest>	•
Ref: Trusted Next-Hop N	etworks		u	1.2.3.4		
				Redirect	tion	
				Local Add	ress	
				127.0.0.	.1	

- 4. Click **OK**.
- 5. Place the access rule so that it is the first rule to match for HTTPS traffic to the chosen admin override IP address.
- 6. Click Send Changes and Activate.

The admin ticketing interface is now reachable via https://l.2.3.4/cgi-bin/override-admin (if you used 1.2.3.4 as the destination IP address in the access rule).

## **Granting URL Filter Override Requests**

JavaScript must be enabled in the client browser f	or the override request to be sent.
() Warning: Web Page Blocked!	
The web page that you were trying to visit has been blocked in accordance with the corporate security policy. If you require temporary access to this web page, click <b>"Request Access"</b> below. You may also choose the responsible person to grant access from the drop-down list. <b>URL:</b> www.budweiser.com	
Category: Alcohol/Tobacco Barracuda NG Firewall Gateway: HQ-NG2 Application Rule: FilterAlcoholandTabacco Send request to: All	
Request Access	

The URL Filter Override page is displayed when you attempt to access a website that is in an override URL category. To access such a blocked page, select from a drop-down list an override admin to send your access request to and then click **Request Access**. After the override admin grants the request,



click **Request Access** again to continue to the previously blocked website. If the admin denies the override request, the URL category is blocked for the set duration.

For more information, see <u>How to Grant URL Category Overrides - User Guide</u>.

## **Logging for URL Filter Overrides**

#### URL Filter overrides are logged to /Box/Firewall/Acknowledged.

Box\Firewall\Acknowledged <new Log>

Select Log File	Box\F	irewall\Acknov	vledged	▼ Reload Log File Tree
Time		Туре	TZ	Message
2015 06 19 19:4	6:07	Info	+10:00	firewall: [Override] action=re-/new request adminuser=All user=external srcIP=10.0.10.11 category=Alcohol/Tobacco
2015 06 19 19:4	6:32	Info	+10:00	firewall: [Override] action=grant adminuser=test user=external srcIP=10.0.10.11 category=Alcohol/Tobacco

# Barracuda CloudGen Firewall



#### Figures

- 3. WF\_Override\_01.png
- 4. WF\_Override\_UserGuide03.png
- 5. WF\_Override\_02.png

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.