

Full URL Logging

<https://campus.barracuda.com/doc/93192894/>

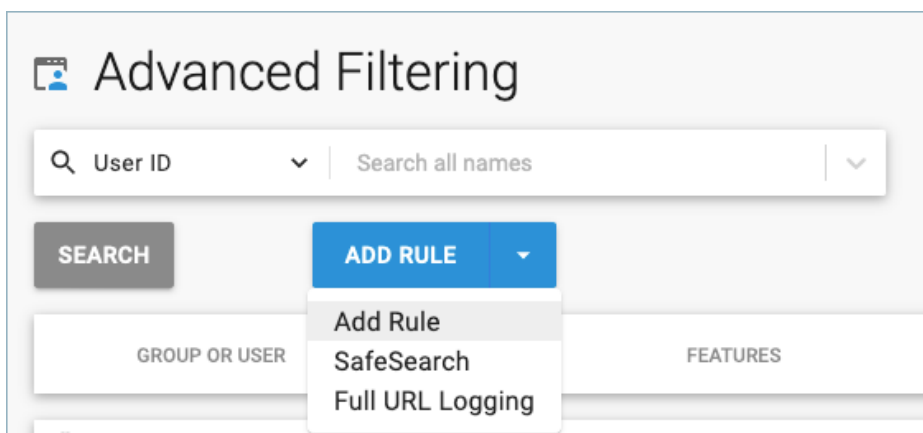
The Full URL Logging feature captures the websites users are visiting, what the users did on those websites, and what pages they viewed. To track this, the full URL for every website and every page visited on that site is recorded in the web logs. If the Full URL Logging feature is not enabled for a user or group, the web logs only show domains and subdomains visited, not full URLs.

Important notes:

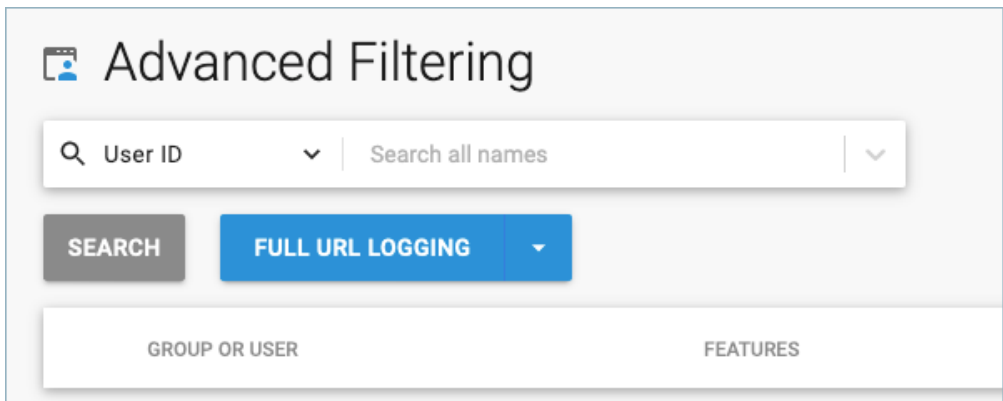
- Enabling Full URL Logging for a user or group means that BCS intercepts SSL traffic in order to view the full URL, which can require additional processing resources on the endpoint machine. For this reason, make sure to *only enable Full URL Logging for specific users*, not for entire groups – unless everyone in the group has a machine that can handle the additional resource usage.
- Rules you create on the **ADVANCED FILTERING** page are applied in the order in which they appear in the table, for both users and groups. Each rule takes precedence over the rule(s) listed *below* that rule. For details and examples, see *How Rules Are Applied (Order of Precedence)* in [How to Configure Advanced Filtering Policies](#).
- With Full URL Logging enabled, only the URL path is included; no request parameters are included.

To enable Full URL Logging for a user or group that does not have an existing rule-set:

1. Go to the **ADVANCED FILTERING** page.
2. Click the blue **ADD RULE** drop-down on the right of the screen, as shown below. Select **Full URL Logging** from the list.

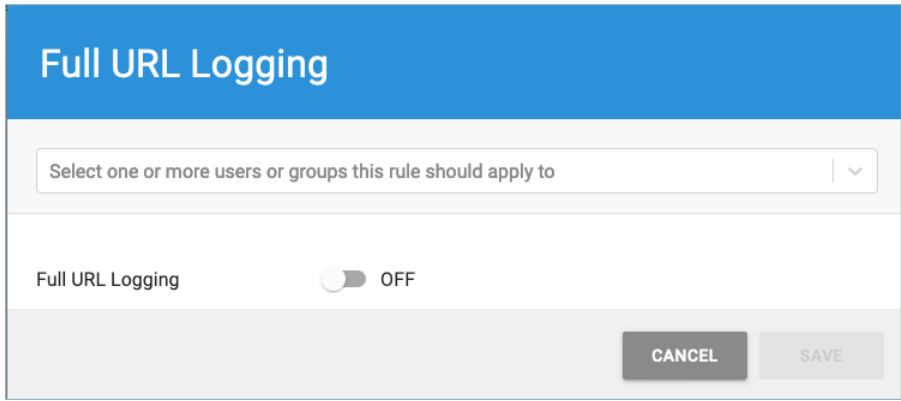


3. Click the blue **FULL URL LOGGING** button to open the configuration pop-up window.



The 'Advanced Filtering' interface features a search bar with a magnifying glass icon, a 'User ID' dropdown, and a 'Search all names' button. Below the search bar are two buttons: 'SEARCH' and 'FULL URL LOGGING' with a dropdown arrow. At the bottom, there are two tabs: 'GROUP OR USER' and 'FEATURES'.


4. In the Full URL Logging pop-up window, use the drop-down to select a user or group.



The 'Full URL Logging' pop-up window has a blue header. Below the header is a dropdown menu with the text 'Select one or more users or groups this rule should apply to'. Underneath is a toggle switch for 'Full URL Logging' which is currently set to 'OFF'. At the bottom right are 'CANCEL' and 'SAVE' buttons.

- 5. Set Full URL Logging to *ON*.
- 6. Click **SAVE** to create the policy.

To enable Full URL Logging for a user or group with an *existing* rule-set:

- 1. Click the 3 dots  in the **More** column for that user or group, and select **Full URL Logging**.
- 2. In the Full URL Logging pop-up window, as shown above, set Full URL Logging to *ON*.
- 3. Click **SAVE**.




The interface shows a table for 'Everyone (6)' with columns: ORDER, ACTION, TYPE, and RULE. The first row has ORDER '0', ACTION 'ALLOW', and TYPE 'Categories'. The RULE column contains a grid of category buttons: Home & Family, Agriculture, Architecture, Business & Commercial, Life Events, Unsupp, Miscellaneous Business, Side Business, Search Engine, Private IP Addresses, Transport Services & Freight, Photography & Film, and Mobile Operators. A context menu is open over the 'Full URL Logging' button, showing options: Create Rule, Edit, SafeSearch, and Full URL Logging.

In the example below, the user *wfdev* has Full URL Logging enabled:

wfdev (1)		Full URL Logging	
ORDER	ACTION	TYPE	RULE
0	✓ ALLOW	Categories	Games

On the **Web Filtering Logs** page, searching for **User ID** *wfdev* shows summarized log entries:



Web Filtering Logs

Click on the down arrows to expand to see the full URL

+

SEARCH

Last 30 days

REFRESH LOGS

DOWNLOAD CSV

COLUMNS

Rows per page: 20

1-20 of 887

Date	Action	User ID/Location	Rule	Categories	DOMAIN
<div> <div> <div>Jul 16, 2020 12:48:15</div> </div> </div>	<div> <div> <div>✓</div> <div>Allowed</div> </div> </div>	<div> <div>wfdev</div> </div>	<div> <div> <div>View Rule</div> </div> </div>	<div> <div>Computing & Internet</div> </div>	<div> <div>tile-service.weather.microsoft.com</div> </div>

Click on the down arrows to expand to see the full URL

Clicking on the arrows by the date expands the view, showing the full URL:

Web Filtering Logs

Expanded view shows full URL

Q

User ID

▼

wfdev

+

SEARCH

Last 30 days ▼

↺

REFRESH LOGS

⬇

DOWNLOAD CSV

⚙

COLUMNS

Rows per page: 20 ▼1-20 of 887 < >

Date ▼	Action	User ID/Location	Rule	Categories	DOMAIN
<div>⬆</div> Jul 16, 2020 12:48:15	✓ Allowed	wfdev	<div>View Rule</div> ⬄	Computing & Internet	tile-service.weather.microsoft.com
Log Details		Source Details		Destination Details	
DATE	Jul 16, 2020 12:48:15	USER ID	wfdev	CATEGORY	Computing & Internet
ACTION	✓ Allowed	SOURCE IP	10.64.42.51	URL	http://tile-service.weather.microsoft.com/en-US/livetile/preinstall?region=US&appid=C98EA5B0842DBB9405BBF071E1DA76512D21FE36&FORM=Threshold
RULE	<div>View Rule</div> ⬄	USER AGENT	Microsoft-WNS/10.0	DESTINATION IP	104.86.95.226
		REFERRER		CONTENT TYPE	

Figures

1. AddRuleButton.png
2. FullURLLoggingButton.png
3. FullURLLoggingPopup.png
4. 3Dots.png
5. FullURLLoggingMore.png
6. FullURLLogRule.png
7. ArrowToViewFullURL.png
8. FullURLExpanded.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.