Red Hat build of Cryostat 2

Configuring client-side notifications for Cryostat
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Abstract

Red Hat build of Cryostat is a Red Hat offering on OpenShift Container Platform. The Configuring client-side notifications for Cryostat document is for users that want to choose the notifications they receive in the Cryostat web console.
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The Red Hat build of Cryostat is a container-native implementation of JDK Flight Recorder (JFR) that you can use to securely monitor the Java Virtual Machine (JVM) performance in workloads that run on an OpenShift Container Platform cluster. You can use Cryostat 2.2 to start, stop, retrieve, archive, import, and export JFR data for JVMs inside your containerized applications by using a web console or an HTTP API.

Depending on your use case, you can store and analyze your recordings directly on your Red Hat OpenShift cluster by using the built-in tools that Cryostat provides or you can export recordings to an external monitoring application to perform a more in-depth analysis of your recorded data.

**IMPORTANT**

Red Hat build of Cryostat is a Technology Preview feature only. Technology Preview features are not supported with Red Hat production service level agreements (SLAs) and might not be functionally complete. Red Hat does not recommend using them in production. These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process.

For more information about the support scope of Red Hat Technology Preview features, see [Technology Preview Features Support Scope](#).
MAKING OPEN SOURCE MORE INCLUSIVE

Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see our CTO Chris Wright’s message.
PROVIDING FEEDBACK ON RED HAT DOCUMENTATION

We appreciate your feedback on our documentation. To provide feedback, you can highlight the text in a document and add comments. Follow the steps in the procedure to learn about submitting feedback on Red Hat documentation.

Prerequisites

- Log in to the Red Hat Customer Portal.
- In the Red Hat Customer Portal, view the document in Multi-page HTML format.

Procedure

1. Click the Feedback button to see existing reader comments.

   NOTE
   The feedback feature is enabled only in the Multi-page HTML format.

2. Highlight the section of the document where you want to provide feedback.

3. In the prompt menu that opens near the text you selected, click Add Feedback. A text box opens in the feedback section on the right side of the page.

4. Enter your feedback in the text box and click Submit. You have created a documentation issue.

5. To view the issue, click the issue tracker link in the feedback view.
CHAPTER 1. OVERVIEW OF CLIENT-SIDE NOTIFICATIONS

When actions and state changes occur in the Cryostat backend, Cryostat uses a WebSocket connection to show notifications in your Cryostat web client.

In Cryostat 2.2, notifications display for all conceptual actions and state changes. These notifications are prevalent when you configure automated rules. Cryostat 2.2 includes notification settings that you can configure to reduce the high volume of notifications that might display on your Cryostat web console.

Previously, updating a resource involved sending an **HTTP GET** request to retrieve and replace the entire list of resources. With Cryostat 2.2, web-client performance is improved by using notifications to update the state of resources. For example, when you delete an active recording, a notification is sent to the Cryostat web console. The web console deletes the recording from the active recordings list.

**Additional resources**

- Using automated rules on Cryostat
CHAPTER 2. CONFIGURING CLIENT-SIDE NOTIFICATIONS

You can enable or disable notifications on your Cryostat web console.

Procedure

1. From the Cryostat 2.2 web console, go to the Settings page.

Figure 2.1. Settings icon on the Cryostat web console

2. From the Notifications panel, choose one of the following options:
   a. Enable all notifications by setting All notifications to on.
   b. Disable all notifications by setting All notifications to off.
   c. Expand Show more, and select notification categories individually.

Figure 2.2. Notifications panel in Settings window

NOTE

If you open a notification category, your web client still receives notifications and stores them locally. Pop-up notifications will not display in the Cryostat web console, but if you re-enable the category, you can access those notifications.

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