Red Hat build of Cryostat 3

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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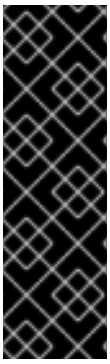
PREFACE

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 3.0 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

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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.

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

Cryostat improves web-client performance 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

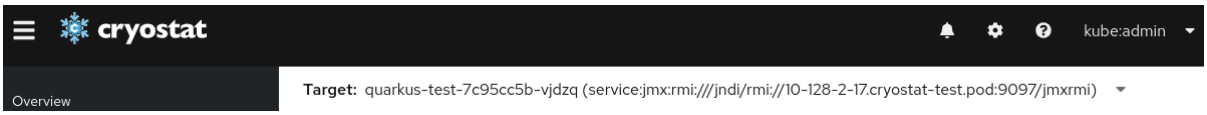
CHAPTER 2. CONFIGURING CLIENT-SIDE NOTIFICATIONS

When actions and state changes occur in the Cryostat backend, Cryostat uses a WebSocket connection to show notifications in your Cryostat web client. You can enable or disable notifications on your Cryostat web console.

Procedure

1. From the Cryostat web console, click the **Settings** ( ) icon on the upper-right corner of the web console toolbar.

   Figure 2.1. Settings icon on the Cryostat web console

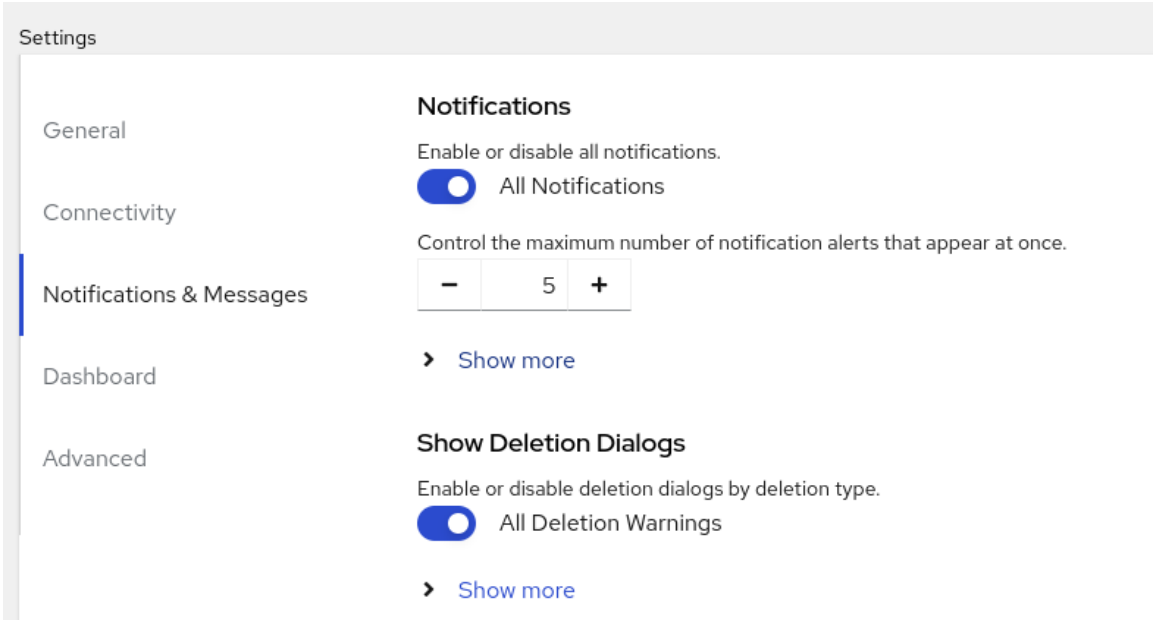
2. From the **Notifications & Messages** panel, choose one of the following options:

   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 & Messages panel in Settings window

NOTE

If you disable 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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