Red Hat OpenShift Data Science self-managed 1.33

Upgrading OpenShift Data Science self-managed

Learn how to upgrade Red Hat OpenShift Data Science on OpenShift Container Platform
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Abstract

Learn about the OpenShift Data Science Operator upgrade process.
CHAPTER 1. OVERVIEW OF UPGRADING OPENSSHIFT DATA SCIENCE SELF-MANAGED

As a cluster administrator, you can configure the Red Hat OpenShift Data Science Operator to upgrade automatically or manually.

**IMPORTANT**

Upgrading directly from the Red Hat OpenShift Data Science self-managed Beta version to the Generally Available (GA) release is not supported. See Uninstalling Red Hat OpenShift DataScience self-managed Beta version prior to installing a General Availability (GA) release for more information.

- If you choose automatic updates, when a new version of the Red Hat OpenShift Data Science Operator is available, Operator Lifecycle Manager (OLM) automatically upgrades the running instance of your Operator without human intervention.

- If you select manual updates, when a new version of the Red Hat OpenShift Data Science Operator is available, OLM creates an update request.

A cluster administrator must manually approve the update request to update the Operator to the new version. See Manually approving a pending Operator upgrade for more information about approving a pending Operator upgrade to remain on a supported version of OpenShift Data Science self-managed.

Red Hat supports the current release version and three previous release versions of OpenShift Data Science self-managed. For example, if version 1.24 is the latest version, then versions 1.23, 1.22, and 1.21 remain supported, and version 1.20 and older no longer receive support.

**Additional resources**

- Operator Lifecycle Manager workflow
- Configuring the upgrade strategy for OpenShift Data Science
CHAPTER 2. CONFIGURING THE UPGRADE STRATEGY FOR OPENSHIFT DATA SCIENCE

As a cluster administrator, you can configure the upgrade strategy for the Red Hat OpenShift Data Science Operator.

Prerequisites

- Access to the OpenShift Container Platform cluster as a user with the cluster-admin role.
- The Red Hat OpenShift Data Science Operator is installed.

Procedure

1. Log in to the OpenShift Container Platform cluster web console.
2. From the Administrator perspective, navigate to Operators → Installed Operators.
3. Click on the Red Hat OpenShift Data Science Operator.
4. Click the Subscription tab.
5. Under Update approval, click on the pencil icon and select one of the following update strategies:
   - Automatic: New updates are installed as soon as they become available.
   - Manual: New updates need to be manually approved before installation begins.
6. Click Save.

Additional resources

- Upgrading installed Operators