



Red Hat OpenShift Data Science self-managed 1-latest

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.

Table of Contents

CHAPTER 1. OVERVIEW OF UPGRADING OPENSIFT DATA SCIENCE SELF-MANAGED	3
CHAPTER 2. CONFIGURING THE UPGRADE STRATEGY FOR OPENSIFT DATA SCIENCE	4

CHAPTER 1. OVERVIEW OF UPGRADING OPENSIFT 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](#)