# HCL CDP v12.1.10 Upgrade Guide

# Contents

# Chapter 1. Introduction

This document provides step-by-step instructions to upgrade an earlier version of HCL CDP to a newer version. It details prerequisites, available upgrade methods, and post-upgrade validation steps to ensure a successful upgrade process. Follow the instructions carefully to upgrade to the desired version:

**Upgrade paths**:

- From HCL CDP 12.1.8 to 12.1.8.x
- From HCL CDP 12.1.8 to 12.1.9
- From HCL CDP 12.1.8 to 12.1.10
- From HCL CDP 12.1.9 to 12.1.10

Upgrades can be performed using one of the following methods:

- Devtron interface
- Helm command-line tools

# Chapter 2. Prerequisites

Before you upgrade the application, make sure the following things are in place:

- **Prepare Docker Images**:
    - Download the required application Docker images.
    - Push these images to your Docker registry.
- **Prepare Helm Charts**:
    - Download the required Helm charts.
    - Push the charts to the Devtron chart repository or a container registry.
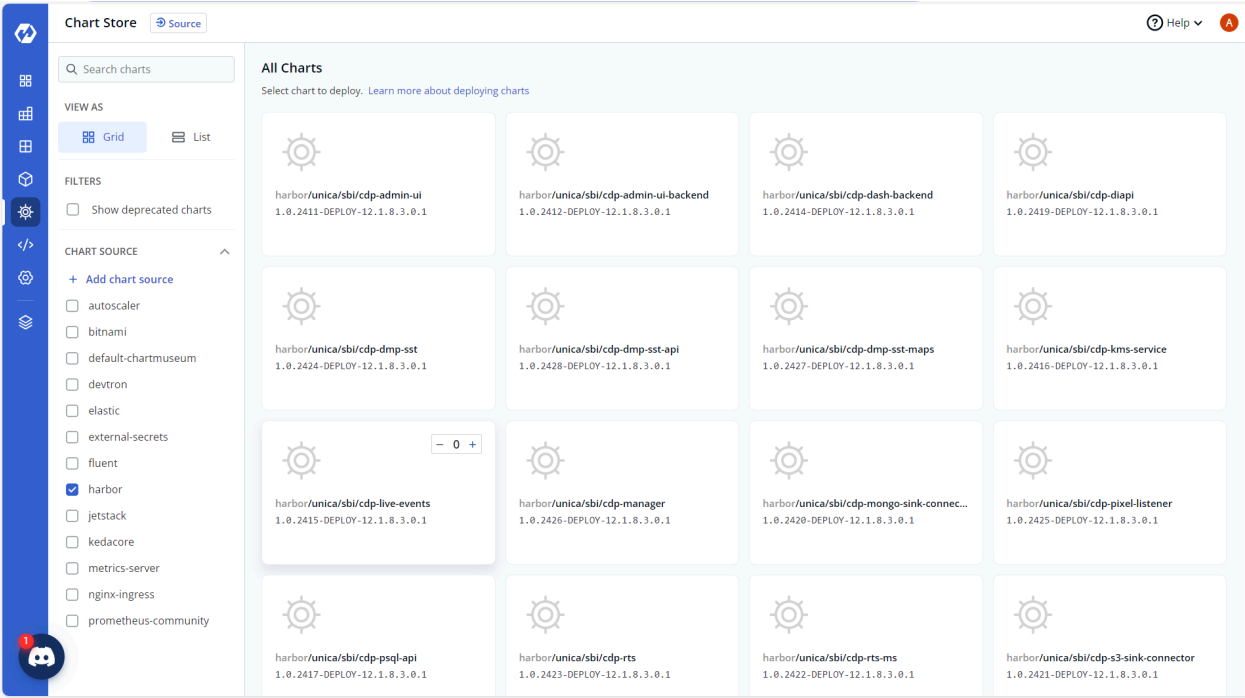
# Chapter 3. Upgrade Process

**Upgrade via Devtron**

To sync Helm Charts from Devtron chart store, follow the steps below:

1. To locate application, navigate to the **Helm Apps** section in the **Devtron** dashboard.
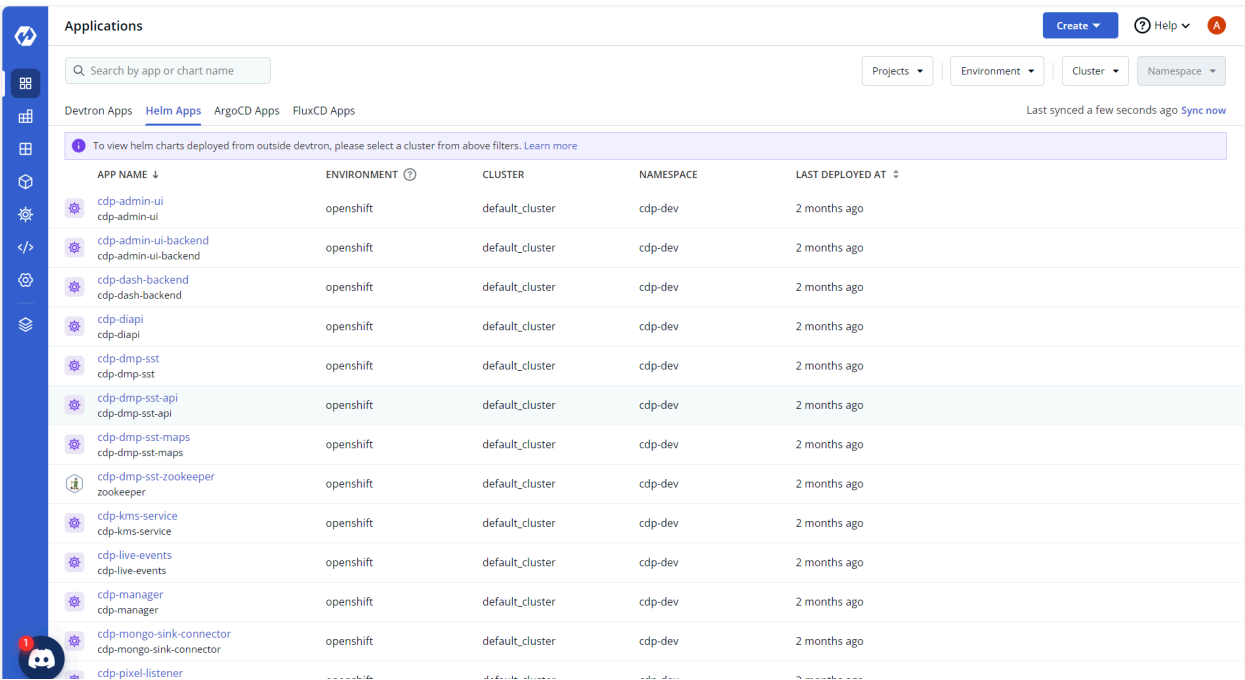


2. Confirm whether the latest version of helm charts are synced up in the **Devtron** store.
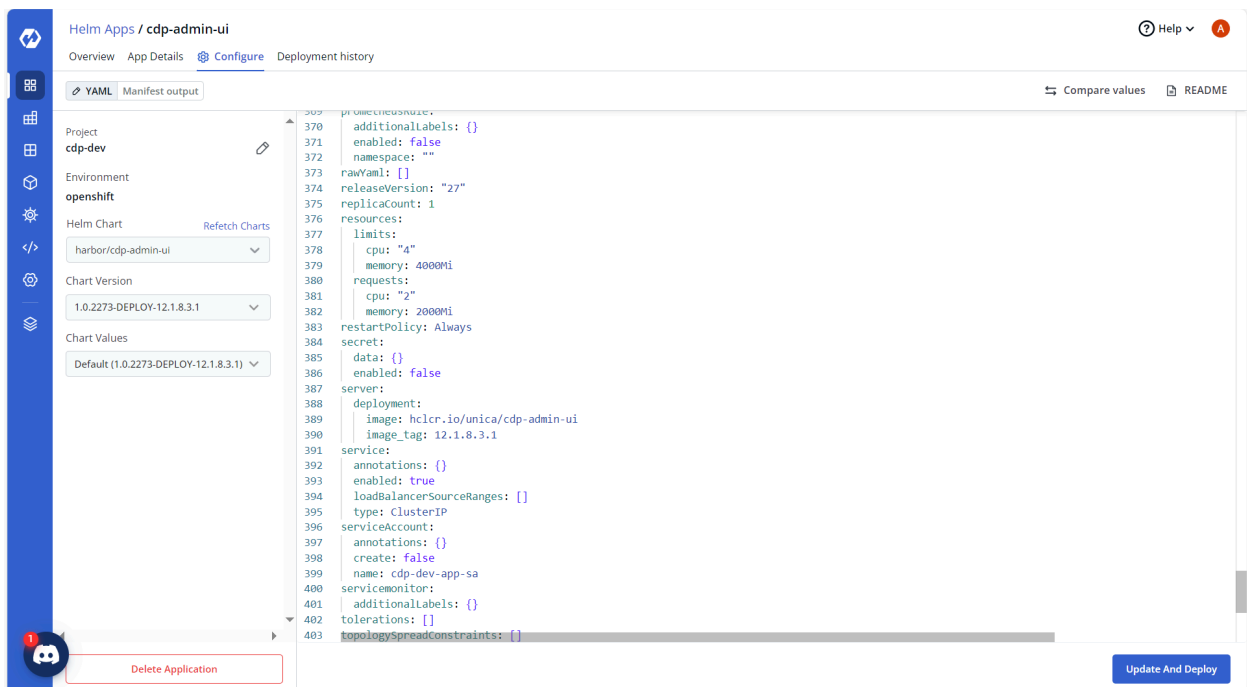
3. Identify and select the application to be upgraded.
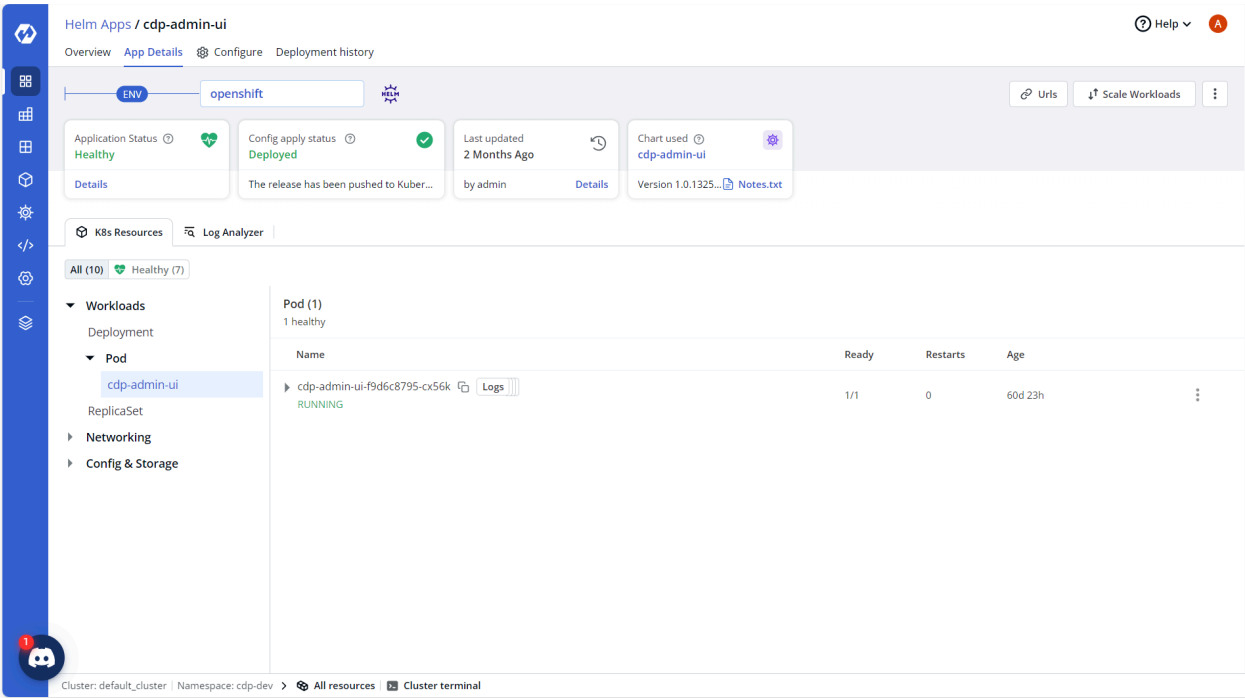


4. Open the **Configure** section and confirm that a new chart version is available for upgrade.
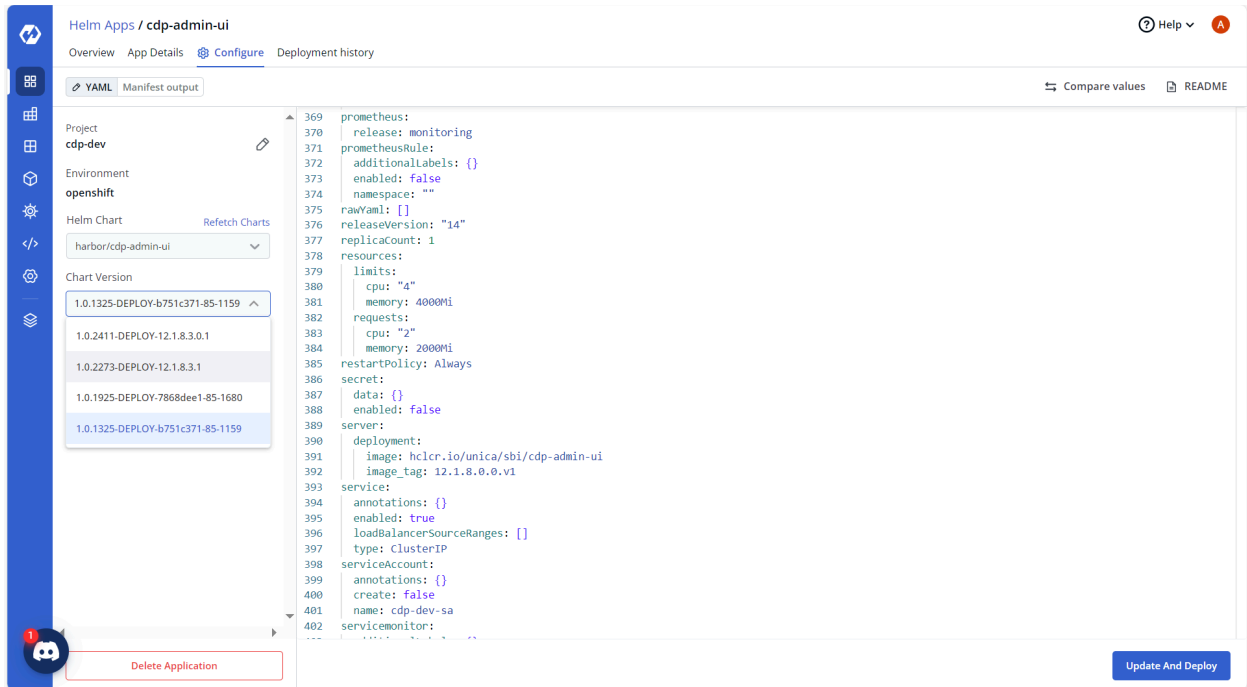
5.  Select the latest chart version.

6.  Review and update the chart values to match the desired configuration.



7.  Update the image repository and tag details as required.

8. Update the relevant ConfigMap values to reflect the new settings.



9. To deploy the upgrade, click **Update and Deploy**.

10. Confirm that the older pods are terminated and new pods are running successfully.



## Upgrade via Helm Command

To upgrade the helm charts via helm command, follow the steps below:

1. Update the *values.yaml* file to modify the image repository, image tags, and any specific configuration values.
2. Run the following Helm Command to upgrade the charts:

```
helm upgrade <release-name> <chart-path> -f values.yaml
```

In the above command, replace *<release-name>* with the name of your existing deployment and *<chart-path>* with the path to the updated chart directory.

# Chapter 4. Validation Post-Upgrade

After the successful upgrade, perform the following steps to ensure the system is functioning as expected:

1. Verify that all pods are running without errors.
2. Validate the application's functionality and configurations, after deployment.