

# RHEL 8 Images for CDP (Preview)

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# Introduction

With Runtime 7.2.17, you can now launch environments, Data Lakes, and Data Hubs using Red Hat Enterprise Linux (RHEL) 8. Currently, CentOS 7 is still the default OS. In order to use RHEL, follow the steps below.

The following limitations apply:

- Currently, only AWS and GCP environments, Data Lakes and Data Hubs are supported. Azure is not supported.
- Only environments, Data Lakes, and Data Hubs using Cloudera Runtime 7.2.17 can run on RHEL 8.
- There is currently no automated way to upgrade existing environments, Data Lakes, or Data Hubs from CentOS 7 to RHEL 8.

## Setup steps

You can launch environments (specifically FreeIPA), Data Lakes, and Data Hub clusters with a RHEL8 image. This can be done in three ways:

- By using the CDP CLI and specifying `--image os=redhat8` as part of the environment, Data Lake, and Data Hub creation commands. When the `os` is set to `redhat8`, this defaults to the latest RHEL 8 images.
- By using the CDP CLI and specifying the `--image` CLI option as part of the environment, Data Lake, and Data Hub creation commands and specifying a catalog and an image ID. This allows you to provide a specific image that should be used.
- You can also request to have the `PREFER_RHEL8` entitlement granted to your account. With this entitlement, RHEL 8 becomes the default OS for all new environments, Data Lakes, and Data Hubs, created via CDP UI or CDP CLI. No special parameters need to be provided when this entitlement is in place.

Each component (FreeIPA, Data Lake, and each Data Hub) has its own OS setting, so the OS setting of the environment does not influence the setting of the Data Lake or Data Hubs running in it.

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