

Cloudera Flow Management 2.0.4

Cloudera Flow Management Upgrade Paths

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The Cloudera logo is displayed in a bold, orange, sans-serif font. The word "CLOUDERA" is written in all caps, with a stylized 'E' that has a horizontal bar extending to the right.

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CFM upgrade and migration paths

Cloudera strongly encourages you to run NiFi on Cloudera Data Platform so that you can take advantage of the latest updates and features. Review the following upgrade and migration information to ensure that you are aware of the requirements pertaining to upgrade or migration scenario.

You are using HDF today

**Important:**

If you are running HDF today, you must upgrade to HDF 3.5.2 before moving to CFM.

HDF 3.5.2 provides access to Apache NiFi 1.12.1 and ensures differences between NiFi included in HDF and CFM are minimal. For information on upgrading to HDF 3.5.2, see the following HDF 3.5.2 documentation links in the *Related information* section below.

- *Release Notes for HDF 3.5.2*
- *Ambari Managed HDF Upgrade*

From HDF 3.5.2, you have two options to migrate to CFM on CDP Private Cloud Base:

- Migration

Migration is the less disruptive option but requires that you have both a CFM cluster and the HDF cluster running at the same time. For migration instructions, review the following documentation links in the *Related information* section below.

- *HDF to CFM in CDP Private Cloud Base Migration*
- *Use case examples on how to migrate flows from HDF to CFM with no downtime*

- In-place migration

This option allows you to install Cloudera Manager and have it taking over the management of your services.

**Important:**

The tools required for an in-place migration are planned for release after CDP on Private Cloud Base 7.1.6 and CFM 2.1.0 are released.

You are using CFM 1.x on CDH today

If you are running CFM on CDH today, your first step to migrating to CFM on CDP is to ensure that you are running CFM 1.1.0. If not, you must upgrade before performing any other operation. See the *Upgrading to CFM 1.1.0* link in the *Related information* section below for further details.

Once you are running CFM 1.1.0, you must perform two steps to run CFM on CDP Private Cloud Base.

1. Upgrade Cloudera Manager and CDH. Review the *Upgrading CDH to CDP Private Cloud Base* in the *Related information* section below, for more information. It explains how to first upgrade Cloudera Manager, and then upgrade the cluster.

**Note:**

Once you have upgraded to CDP Private Cloud Base, you can no longer use CFM 1.1.0 and must upgrade to CFM 2.x.

2. Upgrade CFM from 1.1.0 to 2.x. See *Upgrading to CFM 2.0.4 from CFM 1.1.0* in the *Related information* section below for more information.

You are using CFM 1.x on CDH 6 today

Upgrading from CDH 6 to CDP is not available today. This option is expected to be available later this year.

You are using CFM 2.x on CDP Private Cloud Base today

If you are already using CFM on CDP Private Cloud Base and you want to upgrade to the latest version of CFM, there are specific upgrade paths that you can take. Please review these paths carefully before planning for an upgrade.

- If you are running CFM 2.0.1 on CDP 7.1.1, you first need to upgrade the CFM parcel to CFM 2.0.4 before upgrading to a more recent version of CDP. See *Upgrading to CFM 2.0.4 from CFM 2.0.1* in the *Related information* section below for more information.

- If you are running CFM 2.0.4 on CDP Private Cloud Base version 7.1.1 through version 7.1.5 and you want to get to CFM 2.1.0, you must first upgrade the CDP platform to be on CDP 7.1.6. See *Upgrading CDP Private Cloud base to a higher version* in the *Related information* section below for more information.

**Note:**

You can upgrade CDP directly from 7.1.1 to 7.1.6. See the *Supported In-Place Upgrade Paths* in the *Related information* section below for more information.

The high level steps are:

- Preparing the upgrade
- Upgrading the JDK if necessary
- Upgrading the Operating System if necessary
- Upgrading Cloudera Manager
- Upgrading the CDP cluster

**Important:**

You cannot run CFM 2.1.0 on any CDP version below 7.1.6.

Related Information

[HDF 3.5.2 Release Notes](#)

[Ambari Managed HDF Upgrade](#)

[HDF to CFM in CDP Private Cloud Base Migration](#)

[Use case examples on how to migrate flows from HDF to CFM with no downtime](#)

[Upgrade to CFM 1.1.0](#)

[Upgrading CDH to CDP Private Cloud Base](#)

[Upgrading to CFM 2.0.4 from CFM 1.1.0](#)

[Upgrading to CFM 2.0.4 from CFM 2.0.1](#)

[Upgrading CDP Private Cloud base to a higher version](#)

[Supported CDP Private Cloud Base Upgrade Paths](#)