

# Enabling and disabling Cloudera Data Engineering

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# Contents

<b>Adding a Cloudera Data Engineering service.....</b>	<b>4</b>
<b>Removing a Cloudera Data Engineering service.....</b>	<b>4</b>

## Adding a Cloudera Data Engineering service

Before you can use the Cloudera Data Engineering (CDE) service, you must add the service to an environment that you want to use CDE on.

### Before you begin

Make sure that you have a working environment for which you want to enable the CDE service. For more information about environments, see [Environments](#).

### Procedure

1. In the Cloudera Data Platform (CDP) management console, click the Data Engineering tile and click Overview.
2. In the CDE Services column, click the plus icon at the top or the Enable new CDE link at the bottom to enable CDE for an environment.
3. Enter a Name for the CDE service you are creating.
4. In the Environment text box, select or type the name of the environment that you want to enable CDE for. The displayed list dynamically updates to show environment names matching your input. When you see the correct environment, click on it to select it.
5. In Resource Pool (Technical Preview), select the name of the resource pool that you want to enable CDE service for.  
For information about configuring resource pool and capacity, see [Managing cluster resources using Quota Management \(Technical Preview\)](#).
6. In Capacity (Technical Preview), use the slider to set the maximum number of CPU cores and the maximum memory in gigabytes that can be used by this CDE service.
7. Under Additional Configurations, in NFS Storage Class, specify the name of the custom NFS storage class. By default, CDE uses the platform's in-built storage class discovered using the provisioner. The first storage class will be used if multiple storage classes are configured using the same provisioner.
8. Default Virtual Cluster selection is enabled by default to create a default virtual cluster after enabling a CDE service. This helps you to create your jobs easily, without having to wait to create a CDE virtual cluster as mentioned in [Creating virtual clusters](#), making the onboarding smoother. You can turn this toggle off if you do not wish to use a default virtual cluster.
9. Click Enable.

### Results


The CDE Overview page displays the status of the CDE service initialization. You can view logs for the service by clicking on the service vertical ellipsis (three dots) menu, and then clicking View Logs.

## Removing a Cloudera Data Engineering service

Disabling an existing Cloudera Data Engineering (CDE) service stops all jobs, and deletes all associated virtual clusters and virtual cluster metadata. Do not do this unless you are certain that you no longer need any of these. Disabling CDE does not delete your CDP data. If enabling the CDE service on an environment for the first time fails, you must disable the service before you can try again. In this scenario, there are no clusters or jobs, and you can safely perform this procedure.

### Before you begin

### Procedure

1. In the Cloudera Data Platform (CDP) management console, click the Data Engineering tile and click Overview.
2. In the CDE Services column, click the menu icon for the environment for which you want to disable the CDE service, and then click Disable CDE.
3.  **Warning:** Disabling an existing Cloudera Data Engineering (CDE) service stops all jobs, deletes all associated virtual clusters and virtual cluster metadata. Do not do this unless you are certain that you no longer need any of these.

Confirm that you want to disable CDE by typing the environment name and then clicking Disable.

### Results

The CDE Overview page displays the status of the environment disabling.

### What to do next

If you disabled CDE as a result of a failure to enable CDE for the first time on an environment, resolve any reported issues, and then try again.