CDP Private Cloud Data Services 1.5.3

Managing CDP Clusters

Date published: 2023-12-16
Date modified: 2024-03-05



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Registering clusters in a CDP Private Cloud Data Services deployment

You can use Management Console to register the Cloudera Manager credentials associated with external CDP Private Cloud Base clusters on your CDP Private Cloud Data Services deployment, so that you can replicate data and workloads from the base clusters to your Data Services clusters.

You can add new clusters, delete the registered clusters, and edit or refresh their details.

Adding clusters to a CDP Private Cloud Data Services deployment

You must add a CDP Private Cloud Base cluster to your CDP Private Cloud Data Services deployment before you can replicate data from the base cluster.

Before you begin

Only a CDP account administrator or a user with the PowerUser role can add a CDP Private Cloud Base cluster to a CDP Private Cloud Data Services deployment.

Procedure

1. Sign in to the CDP console.
2. Click Management Console.
3. On the Management Console home page, select Clusters.
4. On the Register Cluster page, click Get Started.
5. On the Cluster Details page, specify the details of the cluster that you want to add.

Field	Description
Cloudera Manager URL	The URL to access the Cloudera Manager server associated with the base cluster you want to add. Specify the URL in the http(s)://*cloudera-manager-host*:*cloudera-manager-port* format.  **Note:** You cannot add the URL of a Cloudera Manager server that manages multiple CDP Private Cloud Base clusters.
Username	The username of the Cloudera Manager server.
Password	The password associated with the specified username of the Cloudera Manager server.
Location	The location of the base cluster that you want to add.
DataCenter	The data center to which the base cluster belongs.
Tags	Tags to identify the Cloudera Manager server associated with the base cluster you want to add.
Description	Description of the Cloudera Manager server.

6. Select the option to enable Management Console store the base cluster details that you have specified, and click Add.

   Management Console tests the connection with the base cluster based on the specified details, and on successful authentication, updates the Clusters page.

7. Click Add Cluster on the Cluster Details page, and repeat steps 5 and 6 to add more clusters.



Note: You can add a new base cluster only if its Name-Data Center combination is unique compared to those of the already added clusters.

Editing details of CDP Private Cloud Base clusters

You can edit specific details of the added CDP Private Cloud Base clusters from the Cluster Details page.

Procedure

1. Sign in to the CDP console.
2. Click Management Console.
3. On the Management Console home page, select Clusters.
4. Search for the cluster whose details you want to edit and select Edit from the drop-down menu for that cluster.

   You can access the drop-down menu by clicking the vertical ellipsis (three dots) against the particular cluster entry on the table.
5. On the Edit Cluster Details page for the selected cluster, edit the values and click Update.



Note: The following fields on the page are *non-editable*: Cluster Name, Cloudera Manager URL, and Data Center.

Deleting CDP Private Cloud Base clusters

You can delete a CDP Private Cloud Base cluster from the Cluster Details page.

About this task



Important: If you delete a base cluster added to your CDP Private Cloud Data Services deployment, any data management operations such as replication policy schedules configured on the base cluster will be adversely impacted. Therefore, you must consider the possible implications before actually deleting the cluster because the action is *not* reversible.

Procedure

1. Sign in to the CDP console.
2. Click Management Console.
3. On the Management Console home page, select Clusters.
4. Search for the cluster whose details you want to delete and select Delete from the drop-down menu for that cluster.

   You can access the drop-down menu by clicking the vertical ellipsis (three dots) against the particular cluster entry on the table.
5. Click Remove to proceed with the deletion. Otherwise, click Cancel.

Additional operations on the base clusters

You can perform different operations on the CDP Private Cloud Base clusters added to your CDP Private Cloud Data Services deployment.

You can perform the following operations on the list of CDP Private Cloud Base clusters displayed in a tabular format on the Cluster Details page:

- Filtering the list of clusters by the Status and Data Center fields.

- Searching for a cluster by entering any of its displayed details in the Search table data text box.
- Sorting the clusters by specific table column headers.

In addition to deleting or editing details of base clusters listed on the Cluster Details page, you can perform the following operations on individual clusters:

- Access the Cloudera Manager instance of a cluster by selecting Go to Cluster Manager from the pull-down menu for that cluster. The Cloudera Manager instance loads on a separate browser tab.

  You can access the pull-down menu by clicking the vertical ellipsis (three dots) against the particular cluster entry on the table.
- Refreshing the information for a cluster by selecting Refresh from the pull-down menu for that cluster.