

## Managing Cloudera Clusters

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# Registering clusters in a Cloudera Data Services on premises deployment

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

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

## Adding clusters to a Cloudera Data Services on premises deployment

You must add a Cloudera Base on premises cluster to your Cloudera Data Services on premises deployment before you can replicate data from the base cluster.

### Before you begin

Only a Cloudera account administrator or a user with the PowerUser role can add a Cloudera Base on premises cluster to a Cloudera Data Services on premises deployment.

### Procedure

1. Sign in to the Cloudera console.
2. Click Cloudera Management Console.
3. On the Cloudera 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	<p>The URL to access the Cloudera Manager server associated with the base cluster you want to add.</p> <p>Specify the URL in the <code>http(s)://cloudera-manager-host:cloudera-manager-port</code> format.</p> <p> <b>Note:</b> You cannot add the URL of a Cloudera Manager server that manages multiple Cloudera Base on premises clusters.</p>
Username	The username of the Cloudera Managerserver.
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 Cloudera Management Console store the base cluster details that you have specified, and click Add.

Cloudera 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 Cloudera Base on premises clusters

You can edit specific details of the added Cloudera Base on premises clusters from the Cluster Details page.

### Procedure

1. Sign in to the Cloudera console.
2. Click Cloudera Management Console.
3. On the Cloudera 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 Cloudera Base on premises clusters

You can delete a Cloudera Base on premises cluster from the Cluster Details page.

### About this task



**Important:** If you delete a base cluster added to your Cloudera Data Services on premises 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 Cloudera console.
2. Click Cloudera Management Console.
3. On the Cloudera 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 Cloudera Base on premises clusters added to your Cloudera Data Services on premises deployment.

You can perform the following operations on the list of Cloudera Base on premises 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.