

## Managing Database Catalogs in CDW

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# Contents

<b>Rebuild Database Catalog.....</b>	<b>4</b>
Back up & restore Hue documents.....	4

# Rebuilding a Database Catalog

You can clean up resources and redeploy your Database Catalog using your existing image, or the latest image. You might want to rebuild your Database Catalog to get a feature in a later Database Catalog image, to perform housekeeping, or to troubleshoot a problem.

## About this task

Upgrading your Database Catalog also rebuilds it. Rebuilding the Database Catalog redeploys resources in the cluster while keeping the configurations and other settings you made.

You can rebuild the Database Catalog in the following ways:

- Using the [Beta version DW CLI](#)
- Using the Rebuild button in the UI
- Using the Upgrade button in the UI

In this task, you rebuild the Database Catalog using the Rebuild button in the UI.

Rebuilding a Database Catalog has the following limitations:


- Rebuilding deprecated versions of the Database Catalog is not supported and will fail.
- Rebuilding does not preserve the changes you made directly, using `kubectl` for example, to cluster resources in the affected namespaces.

Changes you make to the Database Catalog using either the UI or CDP CLI are preserved.

## Before you begin

- You must obtain the DWAdmin role.
- To preserve Hue documents, such as saved queries, you need to save a backup of the documents as described in *Backing up and restoring Hue documents*.

## Procedure

1. Log in to the CDP web interface, navigate to Data Warehouse Database Catalogs , and select your Database Catalog.
2. Click .
3. Select Rebuild.
4. Click Rebuild Database Catalog.
5. Restore Hue documents as described *Backing up and restoring Hue documents*.

## Results

The database Catalog is rebuilt with the same image version as it had before.

## Related Information

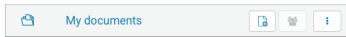
[Backing up and restoring Hue documents](#)

# Backing up and restoring Hue documents

You can back up and restore Hue data, such as a Hive or Impala query you saved in a JSON document, in the Hue database to prevent losing the documents after rebuilding the Database Catalog.

## About this task

In Hue, you can view the JSON documents you created or imported in My documents.



## Procedure

1. Backup Hue documents you want to preserve from the command line.

```
# on hue pod
./build/env/bin/hue dumpdata -o /tmp/data.json
# on local machine
kubectl --kubeconfig ~/kconfig cp compute-1675582336-knmf/huebackend-0:/
tmp/data.json -c hue ./data.json
```

2. Rebuild the Database Catalog as described in the previous topic.
3. Restore the Hue documents in the rebuilt Database Catalog.

```
#on local machine
kubectl --kubeconfig ~/kconfig cp ./data.json compute-1675582336-knmf/hueb
ackend-0:/tmp/data.json -c hue

# on new hue pod
./build/env/bin/hue loaddata --ignorenonexistent /tmp/data.json
```