

Migrating Oozie configurations to Cloudera

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The Cloudera logo, featuring the word "CLOUDERA" in a bold, orange, sans-serif font. The letter "E" is stylized with a horizontal bar through its center.

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Contents

Migrating Oozie configurations to Cloudera.....4
 Migrating Oozie Shared Libraries.....4

Migrating Oozie configurations to Cloudera

After you migrate the Oozie data to Cloudera, you must first configure Oozie, and then migrate custom ShareLib JARs to your new cluster.

You must configure Oozie to work with different Cloudera services including Sqoop actions, Yarn jobs, and HDFS HA. For information on configuring these services, see [Configure Oozie](#).



Note: By default, the Oozie service schedules an internal job to purge all the Oozie workflows older than 30 days from the database. However, actions associated with long-running coordinators do not purge until the coordinators complete. Cloudera recommends that you configure Oozie with an empty database for Cloudera. To view the old data, you can take a backup and run SQL queries on that data. You must recreate long-running coordinator jobs because the Cloudera environment is different from that of HDP and CDH.

After you configure Oozie, you must migrate the custom ShareLib JARs to the new cluster. Only the custom JARs and not the service and library JARs as those JARs are used by the components, will be present in Oozie's sharelib.

While upgrading from CDH and HDP, there might have been major third-party library version upgrades. If you have any custom JARs which include third-party libraries, then you have to rebuild those after you sync their versions with the library versions used in Cloudera. Otherwise, this can lead to runtime binary incompatibility.

If you are upgrading from a stack where the components used Guava version 11 to a Cloudera version which uses Guava version 28, then you also need to update your custom application JAR to use Guava version 28.

Migrating Oozie Shared Libraries

After you migrate the Oozie data to Cloudera, you must first configure Oozie, and then migrate custom ShareLib jars to your new cluster.

Procedure

1. Copy the Oozie ShareLib jar from your HDP or CDH cluster:

```
cp /user/oozie/share/lib/lib_{TIMESTAMP}/{COMPONENT}
```

The location of the Oozie ShareLib is the same across the HDP, CDH, and Cloudera environments.

2. Paste the ShareLib in the new file system of the Cloudera environment.

```
paste /user/oozie/share/lib/lib_{TIMESTAMP}/{COMPONENT}
```



Note: These files must be present on the storage like HDFS, S3, and so on, and not on the hosts where you installed Oozie.

3. Run a ShareLib update:

```
oozie admin -oozie {OOZIE_URL} -sharelibupdate
```

What to do next

After you migrate the custom ShareLib jars, update the workflow XML files for DFS paths, JDBC URLs (for example, Hive), and so on, to manage the new environment.