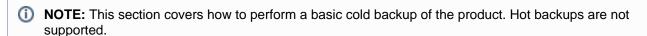
Backup and Recovery

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This section provides overview information on the key data and metadata that should be managed by your enterprise backup and recovery policies.



All backups should be performed in accordance with your enterprise's backup and recovery policies.

Stop All Services

Before you begin, the Designer Cloud powered by Trifacta platform and databases should be stopped. See *Start and Stop the Platform*.

Backup Platform Files

The following directories on the Trifacta node should be backed up on a regular basis:

Configuration

You can back up all key configuration files into the /tmp directory using the following commands:

```
cp /opt/trifacta/conf/trifacta-conf.json /tmp/trifacta-conf.json
cp /opt/trifacta/conf/env.sh /tmp/env.sh
cp /etc/init.d/trifacta /tmp/trifacta.service
```

License

You should backup your license key:

/opt/trifacta/license

See License Key.

Backup Databases

The Designer Cloud powered by Trifacta platform utilizes the following databases as part of normal operations. These databases should be backed up on a regular basis:

Database Name	Databaseld	Description
Trifacta DB	trifacta	Stores users and metadata for flows, including datasets, and recipes.
Jobs DB	trifacta-activiti	Stores and maintains job execution status and details.
Scheduling DB	trifactaschedulingservice	Stores metadata for scheduled jobs.
Time-based Trigger DB	trifactatimebasedtriggerse rvice	Additional database required for scheduled jobs.
Configuration Service DB	trifactaconfigurationservi ce	Stores configuration settings for the workspace.
Artifact Storage Service DB	trifactaartifactstorageser vice	Stores feature usage data such value mappings for the standardization feature.

For more information on setting up these databases, see Install Databases.

Location of backup and recovery tools

PostgreSQL

Depending on your operating system, you can find the backup tools in the following location.

NOTE: These locations apply to PostgreSQL 9.6.

CentOS/RHEL:

/usr/pgsql-9.6/bin/pg_dump /usr/pgsql-9.6/bin/psql

Ubuntu:

/usr/lib/postgresql/9.6/bin/pg_dump /usr/lib/postgresql/9.6/bin/psql

MySQL

Please locate the following programs in your MySQL distribution:

mysqldump mysql

Backup commands

The following commands can be used to back up the databases.

PostgreSQL

For more information on command options, see https://www.postgresgl.org/docs/9.6/static/backup.html.



NOTE: These commands must be executed as the trifacta user.



NOTE: The following commands are for PostgreSQL 9.6 for all supported operating systems. For specific commands for other versions, please see the database documentation.

Trifacta DB:

pg_dump trifacta > trif_triDB_bkp_<date>.sql

Jobs DB:

pg_dump trifacta-activiti > trif_actDB_bkp_<date>.sql

Scheduling DB:

pg_dump trifactaschedulingservice > trif_schDB_bkup_<date>.sql

Time-Based Trigger DB:

pg_dump trifactatimebasedtriggerservice > trif_tbtsDB_bkup_<date>.sql

Configuration Service DB:

pg_dump trifactaconfigurationservice > trif_confservDB_bkup_<date>.sql

Artifact Storage DB:

pg_dump trifactaartifactstorageservice > trif_artifactstorageservDB_bkup_<date>.sql

MySQL

For more information on command options, see https://dev.mysql.com/doc/refman/5.7/en/mysqldump-sql-format.html.

su - mysql



NOTE: The following commands are for MySQL 5.7 for all supported operating systems. For specific commands for other versions, please see the database documentation.

Trifacta DB:

mysqldump trifacta > trif_triDB_bkp_<date>.sql

Jobs DB:

mysqldump trifacta-activiti > trif_actDB_bkp_<date>.sql

Scheduling DB:

mysqldump trifactaschedulingservice > trif_schDB_bkup_<date>.sql

Time-Based Trigger DB:

mysqldump trifactatimebasedtriggerservice > trif_tbtsDB_bkup_<date>.sql

Configuration Service DB:

mysqldump trifactaconfigurationservice > trif_confservDB_bkup_<date>.sql

Artifact Storage DB:

mysqldump trifactaartifactstorageservice > trif_artifactstorageservDB_bkup_<date>.sql

Scheduling

You can schedule nightly execution of these backups using a third-party scheduler such as cron.

Restart

You can restart the Designer Cloud powered by Trifacta platform now. See Start and Stop the Platform.

Recovery

See Platform Rollback.