

# Install Databases

The Trifacta® platform uses multiple SQL databases to manage platform metadata. This section describes how to install and initialize these databases.

## DB Installation Pre-requisites

- You must install a supported database distribution. For more information on the supported database versions, see *System Requirements* in the Planning Guide.
  - You must also acquire the database dependencies associated with the operating system distribution where the database is to be installed. Please see the database vendor for more information.
- Please verify that the ports used by the database are opened on the Trifacta node.
  - For more information on default ports, see *System Ports* in the Planning Guide.
  - If you need to use different ports, additional configuration is required. More instructions are provided later.
- Installation and configuration of the database cannot be completed until the Trifacta software has been installed. You should install the software on the Trifacta node first.
- You must install the appropriate database client for your software distribution. Instructions are provided later.
- If you are installing the databases on an instance of Amazon RDS, additional setup is required first. See *Install Databases on Amazon RDS*.

Other pre-requisites specific to the database distribution may be listed in the appropriate section below.

**If you are concerned about durability and disaster recovery of your Trifacta metadata, your enterprise backup procedures should include the Trifacta databases. See *Backup and Recovery* in the Admin Guide.**

## List of Databases

The Trifacta® platform requires access to the following databases. Below, you can review database names, descriptions and release in which it was introduced:

Database Name	Description	First Release
Trifacta database (Main)	Storage of users and metadata about your datasets, including completed jobs.	Release 1.0
Jobs database	Storage of job tracking information. Jobs are purged upon completion or job timeout. Failed jobs are purged periodically.	Release 3.2
Scheduling database	Storage of schedules, including datasets to execute.	Release 4.1
Time-based Trigger database	Storage of triggering information.	Release 4.1
Configuration Service database	Storage of system-, tier-, and user-level configuration settings.	Release 6.0
Artifact Storage Service database	Storage for feature-specific usage data such value mappings.	Release 6.0
Job Metadata Service database	Storage of metadata on job execution.	Release 6.4
Authorization Service database	Storage of object permissions.	Release 7.1

Orchestration Service database	Storage of plan execution information. Information is purged upon completion or run timeout. Failed runs are purged periodically.	Release 7.1
Optimizer Service database	Storage of SQL queries to optimize logical and physical performance during job execution.	Release 7.6
Secure Token Service database	Storage of access tokens for managing integrations with external datasource such as OAuth2 connections.	Release 7.10
Connector Configuration Service database	Storage of metadata and overrides on connector types.	Release 8.1