

# Welcome to DB Change Manager

IDERA DB Change Manager helps database administrators and developers to:

- Simplify and automate database change management.
- Streamline development cycles.
- Ensure availability, performance, and compliance.

DB Change Manager provides comparison, synchronization, data masking, and auditing capabilities that let you track and report on changes, roll out new releases, and pinpoint problems resulting from changes at the data, schema, and database configuration levels.

By comparing a live database to a schema or configuration “snapshot,” administrators can quickly identify changes and correct problems. By monitoring configuration settings, administrators can ensure compliance with regulatory policies and performance standards and maintain overall database performance and availability.

## What can you do with DB Change Manager?

This topic describes what you can do with DB Change Manager and links to more detailed information about how to perform the tasks. In addition, DB Change Manager includes step-by- step Eclipse-style cheat sheets to help you learn the tasks.

- **Complete Commonly-performed tasks.** These tasks describe basic functions and help you use DB Change Manager most effectively. In addition, you can customize the interface using preferences. See the [Preferences reference](#) for details.
  - [Registering and organizing data sources](#)
  - [Creating a job report](#)
  - [Scheduling a job](#)
  - [Filtering data source objects](#)
  - [Searching for database objects and synchronization scripts](#)
  - [Viewing Change History](#)
  - [Exporting and importing jobs](#)
- **Compare and synchronize data.** Data Comparison jobs help you manage data changes and synchronize changes between databases.
  - [Comparing data](#)
  - [Synchronizing data repositories](#)
- **Compare and synchronize schemas.** In DB Change Manager you can select schema objects and types, compare them across data sources, and synchronize them to each other. You can also create a snapshot or archive of the schema objects, to use in a comparison or to save for future reference. In addition, you can clone schema comparison jobs to make it easier to reuse existing jobs.
  - [Comparing schemas](#), including [how to clone a schema comparison job](#)
  - [Synchronizing schemas](#)
  - [Creating a schema archive](#)
- **Manage database configurations.** DB Change Manager helps you keep track of database settings and version information; such as patch levels. You can define database configuration values and ranges and then run a configuration comparison job to check for compliance against those parameters.
  - [Comparing database configuration settings](#)
  - [Creating a standard for configuration settings](#)
  - [Creating a configuration archive](#)
- **Create masked data for development environments.** Protecting personally identifiable information while having accurate data for testing can be difficult. DB Change Manager lets you create a masked copy of production data for use during development and testing. This way the data is functionally correct and at the same time does not compromise privacy or security.
  - [Masking data](#)
- **Automate and script jobs.** You may need some jobs to run on a regular basis without using Windows Task Scheduler (as described in [Scheduling a job](#).) The Script Wizard lets you define scripts that run jobs, and batch files to run multiple scripts.
  - [Scheduling a job](#)
  - [Generating command line scripts](#)