

# Upgrading MySQL

## Upgrade required when upgrading 1.4.1 to 1.4.2

To upgrade you will need to apply the `update_v1.4.1_to_v1.4.2.mysql.sql` file to you database. In the WAR file distribution it's in the `sql/mysql/upgrade` directory. The standalone distribution does not contain the upgrade file, download it at [from this location](#).

You can either apply this file using the graphical MySQL workbench or using the command line tool.

### Apply using MySQL workbench

1. In the MySQL workbench, go to file -> Open SQL Script.
2. Navigate to `sql/mysql/upgrade` folder in the eHour install folder and open the `update_v1.4.1_to_v1.4.2.mysql.sql` script
3. When the script is loaded, highlight the ehour schema in the Navigator under Schemas.
4. In the main navigation, go to Query and click "Execute (all or selection)"

### Apply using command line

Apply the `sql/mysql/upgrade/update_v1.4.1_to_v1.4.2.mysql.sql` by running the following command - replacing `<user>` with your database user:

```
mysql ehour -u <user> -p < update_v1.4.1_to_v1.4.2.mysql.sql
```

## Upgrade required when upgrading 1.3 to 1.4.1

The new manager role and the exclusion of users in a timesheet lock require a few database changes.

To upgrade you will need to apply the `update_v1.3_to_v1.4.mysql.sql` file to you database. In the WAR file distribution it's in the `sql/mysql/upgrade` directory. The standalone distribution does not contain the upgrade file, download it at [from this location](#).

You can either apply this file using the graphical MySQL workbench or using the command line tool.

### Apply using MySQL workbench

1. In the MySQL workbench, go to file -> Open SQL Script.
2. Navigate to `sql/mysql/upgrade` folder in the eHour install folder and open the `update_v1.3_to_v1.4.mysql.sql` script
3. When the script is loaded, highlight the ehour schema in the Navigator under Schemas.
4. In the main navigation, go to Query and click "Execute (all or selection)"

### Apply using command line

Apply the `sql/mysql/upgrade/update_v1.3_to_v1.4.mysql.sql` by running the following command - replacing `<user>` with your database user:

```
mysql ehour -u <user> -p < update_v1.3_to_v1.4.mysql.sql
```

## Upgrade required when upgrading to 1.3

The new locking functionality requires a few new database tables to be created. To upgrade you will need to apply the `update_v0.8.4_to_v1.3.mysql.sql` file which can be found in

the `sql/mysql/upgrade` directory. You can either apply this file using the graphical MySQL workbench or using the command line tool.

## Apply using MySQL workbench

1. In the MySQL workbench, go to file -> Open SQL Script.
2. Navigate to `sql/mysql/upgrade` folder in the eHour install folder and open the `update_v0.8.4_to_v1.3.mysql.sql` script
3. When the script is loaded, highlight the ehour schema in the Navigator under Schemas.
4. In the main navigation, go to Query and click "Execute (all or selection)"

## Apply using command line

Apply the `sql/mysql/upgrade/update_v0.8.4_to_v1.3.mysql.sql` by running the following command - replacing `<user>` with your database user:

```
mysql ehour -u <user> -p < update_v0.8.4_to_v1.3.mysql.sql
```

The standalone distribution does not contain `update_v0.8.4_to_v1.3.mysql.sql`. The file is available [at this location](#).