

## 10.14.6 Manual Database Updates

Now, you'll need to make database updates for your database: either PostgreSQL or Oracle. The instructions apply to upgrading OpenClinica on Linux and Windows systems:

### PostgreSQL

1. Open the file `README_Instructions_for_Duplicate_Row_Fix.txt`, located at `/usr/local/oc/OpenClinica-v.x.y/config/databases/v.x.y/PostgreSQL`
2. Follow the instructions in the README file.

### Oracle

1. At the location `/usr/local/oc/OpenClinica-v.x.y/config/databases/v.x.y/Oracle/upgrade`, open the file `README_Instructions_for_Duplicate_Row_Fix.txt`, and follow the instructions in the README file.
2. As the sysdba user, run the `Grant_View.sql` script located in `/usr/local/oc/OpenClinica-v.x.y/config/databases/v.x.y/Oracle/upgrade`.
3. The script prompts you for a user name: provide the user name for the database user OpenClinica is set up to use, as specified in the `datainfo.properties` file that you configured during installation. Run this script before starting Tomcat. There is no risk in running this script on a database that has already been upgraded to 3.1.y.

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