



1. Upgrade Database

- Modify the following properties file to reflect the database vendor, username, and password. You can create one schema or database for all the cells or five unique ones.

In `edu.harvard.i2b2.data/Release_1-8/Upgrade` folder

Metadata/db.properties	Crcdata/db.properties
Pmdata/db.properties	Hivedata/db.properties

Rebuild Procedures - Need extra assistance, [More Information](#)

In `edu.harvard.i2b2.data/Release_1-8` folder

Rebuild Procedures	Linux: <code>apache-ant/bin/ant -f NewInstall/build.xml create_database</code> Windows: <code>apache-ant\bin\ant -f NewInstall\build.xml create_database</code>
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folder\Release_1-8\Upgrade\ run the ant commands under each cell subfolder as below. [Details](#)

Run the CRC Sql Procedures (ie for PostgreSQL)

`Crcdata/scripts/procedures/postgresql/*.sql`

- Run the Metadata Sql Procedures (ie for PostgreSQL)

`Metadata/scripts/procedures/postgresql/*.sql`

- (Not Common) Update HIVE_CELL_PARAMS table with cell properties parameters. [Details](#)

2. Upgrade Core i2b2 Server

- Shutdown wildfly
 - Move all the files from your `wildfly-x.0.z.Final/standalone/deployments` folder to a *backup folder*. (major version number x can be as 17,18, update version number z can be 0 or 1)
 - Copy all files from `deployments` to `wildfly-x.0.z.Final/standalone/deployments`
 - Copy `*-ds.xml` files from the backup folder to `wildfly-x.0.z.Final/standalone/deployments`
- Edit the following files `orc-ds.xml`, `ont-ds.xml`, `pm-ds.xml`, `work-ds.xml` and replace ALL the `<driver>{something}.jar</driver>` with

Oracle	SQL Server	PostgreSQL
<code><driver>ojdbc8.jar</driver></code>	<code><driver>mssql-jdbc-9.2.0.jre8.jar</driver></code>	<code><driver>postgresql-42.3.2.jar</driver></code>

3. Upgrade Webclient

- Backup the entire **webclient** folder to your *web server directory*.
- Copy new webclient**
Linux (Apache): `cp -r webclient/* /var/www/html`
Windows (IIS): `xcopy /E webclient C:\inetpub\wwwroot`
- the `i2b2_config_data.js` has been renamed to `i2b2_config_domain.json`. Edit the `i2b2_config_domain.json` accordingly

4. Test i2b2

Launch a web browser and enter <http://{Server Hostname}/webclient> in the address field, where {Server Hostname} is the address of the i2b2 server.