

# Installation & Upgrade instructions

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## 1. Meet requirements

1.1 Apply [SAK-10801 - Getting issue details...](#) **STATUS** ([Sakai 2.5.x only](#))

- You can follow [these instructions](#) for applying [SAK-10801 - Getting issue details...](#) **STATUS** to your Sakai installation. Depending on your DB size, this operation can take several time.

1.2 Upgrade to EntityBroker 1.3.9 or higher ([Sakai 2.5.x and Sakai 2.6.x only](#))

- **Option 1 (source): change in Sakai source code:**

1. Remove `{tomcat_folder}/shared/lib/entitybroker*`
2. Remove `{tomcat_folder}/components/entitybroker*`
3. Remove `{tomcat_folder}/webapps/entitybroker*`
4. Change `<sakai.entitybroker.version>` property in `master/pom.xml` to 1.3.9 (or higher)
5. Checkout EntityBroker 1.3.9 (or higher), compile and deploy:

```
svn co https://source.sakaiproject.org/svn/entitybroker/tags/entitybroker-1.3.9/
```

```
cd entitybroker-1.3.9
```

```
mvn -Dmaven.tomcat.home={tomcat_folder} clean install sakai:deploy
```

6. Change `<module>` property in full profile on `./pom.xml` to `entitybroker-1.3.9` (or higher)

- **Option 2 (binary): replace EntityBroker binaries in Tomcat:**

1. Remove `{tomcat_folder}/shared/lib/entitybroker*`
2. Remove `{tomcat_folder}/components/entitybroker*`
3. Remove `{tomcat_folder}/webapps/entitybroker*`
4. Unzip [EntityBroker 1.3.9 assembly](#) to `{tomcat_folder}`

1.3 Upgrade Maven to 2.2.1 or higher

- [Maven 2.2.1+](#) is required to properly compile the project. Lower versions can fail with the error message "Failed to validate POM for project".

## 2. Install BigBlueButton Sakai Meeting Tool

1. Download the tool source code from the **Download** section of the [Home page](#) For **version 1.0.7** and Up

```
git clone git://github.com/blindsidenetworks/bigbluebutton-sakai.git
```

For **version 1.0.6**

```
svn co https://source.sakaiproject.org/contrib/bigbluebutton/tags/bbb-1.0.6/
```

## 2. Compile & deploy to Tomcat:

```
mvn -Dmaven.tomcat.home={tomcat_folder} clean install sakai:deploy
```

## 3. Add/review the following entries to the end of your sakai.properties file

```
bbb.url=http://<server>/bigbluebutton  
bbb.salt=<salt>
```

To determine these values for your BigBlueButton, enter the command

```
bbb-conf --salt
```

If you want to use the public test server for BigBlueButton, use the following settings

```
bbb.url=http://test-install.blindsidenetworks.com/bigbluebutton  
bbb.salt=8cd8ef52e8e101574e400365b55e11a6
```

(see **Configuration** section of the [Home page](#))

## 4. Create the database schema

For **version 1.0.7** and up run the schema creation script that corresponds to your database ([MySQL](#) or [Oracle](#))  
For **version 1.0.6** run the schema creation script that corresponds to your database ([MySQL](#) or for [Oracle](#))  
For testing purposes, schema can be automatically created by setting `auto.ddl=true` in `sakai.properties`

## 5. Restart Sakai

```
{tomcat_folder}/bin/shutdown.sh
```

```
{tomcat_folder}/bin/startup.sh
```

# 3. Upgrade BigBlueButton Sakai Meeting Tool

From **version 1.0.6** to **version 1.0.7**

## 1. Download the tool source code from the **Download** section of the [Home page](#)

```
git clone git://github.com/blindsidenetworks/bigbluebutton-sakai.git
```

## 2. Remove BigBlueButton Sakai Meeting Tool binaries in Tomcat

```
rm -rvf {tomcat_folder}/shared/lib/bbb*
```

```
rm -rvf {tomcat_folder}/components/bbb*
```

```
rm -rvf {tomcat_folder}/webapps/bbb*
```

## 3. Compile & deploy to Tomcat:

```
mvn -Dmaven.tomcat.home={tomcat_folder} clean install sakai:deploy
```

## 4. Update the database schema

Run the schema creation script that corresponds to your database ([MySQL](#) or [Oracle](#))  
For testing purposes, schema can be automatically updated by setting `auto.ddl=true` in `sakai.properties`

## 5. Restart Sakai

```
{tomcat_folder}/bin/shutdown.sh
```

```
{tomcat_folder}/bin/startup.sh
```

## 4. Sakai setup

- Adding to site: the tool can be added as usual via a Sakai site: **Site Info > Edit tools > [x] Meetings**
- Permissions: can be set in the tool