Updating Database Connection Details

When there is a change in the database or a migration of the database from one server to another, it is essential to update the database connection details. Follow these steps to update connection details:

Note:

a) The term "AL-HOME" in these instructions denotes the Agiloft installation directory. Typically, on Windows, it is located at C:\Agiloft, and on Linux, it is usually found at /usr/local/Agiloft.

b) It's essential to note that this change is critical and any errors in file modifications may result in server downtime. Therefore, we strongly recommend taking a server snapshot or creating a backup of the <AL-HOME>/wildfly directory as a precautionary measure.

1. If Password of DB is changed:

1.1 If the password has been changed, the initial step is to determine whether the password is encrypted. This can be confirmed by examining the "db.password.encrypted" property in the file located at <AL-HOME>/resources/java/build/local.properties.

If this property is set to "yes," it indicates that the password is encrypted. In such cases, you must encrypt the password using the following command.

To do this, open the command prompt and execute the following command:

<AL-HOME>/Agiloft/jre/bin/java -jar <AL-HOME>//Agiloft/resources/java/lib/encrdecr.jar -e <your-db-password>

For Example:

```
[root@sandbox1 veerap]#
[root@sandbox1 veerap]# /opt/server/Agiloft/jre/bin/java -jar /opt/server/Agiloft/resources/java/lib/encrdecr.jar -e qwerty
-40e961f375c2eee6
[root@sandbox1 veerap]#
[root@sandbox1 veerap]#
```

Please make a note of this encrypted password for future reference.

1.2 If the property "db.password.encrypted" is set to "no" you can simply use your cleartext password.

2. Modify Configuration Files:

   - On Linux, edit `/etc/EnterpriseWizardConfig.xml`; on Windows, edit `C:\EnterpriseWizardConfig.xml`.

   - Update the following tags with the corresponding values from your database connection whichever is changed:

```
<databaseAdminLogin>root</databaseAdminLogin>
<databaseAdminPassword>5e94b4950a14fededf8592078de921bc</databaseAdminP
<databaseEwLogin>ewuser</databaseEwLogin>
<databaseEwPassword>5e94b4950a14fededf8592078de921bc</databaseEwPasswor
<databaseReaderLogin>ewreader</databaseReaderLogin>
<databaseReaderPassword>39d43469b78eceb6df8592078de921bc</databaseReade
<databaseName>sw2_std</databaseName>
<databaseAddress>127.0.0.1</databaseAddress>
<databasePort>3333</databasePort>
```

Significance of the tags mentioned:

- `root` is the database user name, and the corresponding encrypted password is `5e94b4950a14fededf8592078de921bc`.
- `ewuser` is the Agiloft's database user name, and its associated encrypted password is also `5e94b4950a14fededf8592078de921bc`.
- `ewreader` is a read-only user for your Agiloft database, and its encrypted password is `39d43469b78eceb6df8592078de921bc`.
- `sw2_std` is the name of the database.
- `127.0.0.1` is the host name or IP address of your database.
- `3333` is the port number used for the database connection.

3. Update local.properties:

   - Edit AL-HOME/resources/java/build/local.properties.

   - Update the following properties:

```
db.port=3333
db.server=localhost
db.host=${db.server}:${db.port}
db.name=sw2_std
db.password=5e94b4950a14fededf8592078de921bc
db.ro_password=39d43469b78eceb6df8592078de921bc
db.login=ewuser
db.ro_login=ewreader
```

4. Stop Agiloft

  - Open the command prompt as Administrator on Windows, or run as root on Linux.

  - Execute <AL-HOME>/bin/ew-control -a stop

4. Run this command:

- Open command prompt as administrator on windows, or run as root on linux

<AL-HOME>\bin\ant -v -f <AL-HOME>\resources\java\build\build.xml -l <AL-HOME>\logs\M_installer_jboss-config.log installer:jboss-config

6. Start Agiloft Application:

  - Open the command prompt as Administrator on Windows, or run as root on Linux.

  - Execute <AL-HOME>/bin/ew-control -a start.

By following these steps, you can successfully update the Agiloft database connection details.

7. Issues?

In case you encounter any difficulties while restarting the application, kindly include the following log files to investigate:

  1) *<AL-HOME>\logs\M_installer_jboss-config.log*
  2) *<AL-HOME>\wildfly\standalone\configuration\agiloft.xml*
  3) *<AL-HOME>\wildfly\standalone\configuration*.cs*
  4) *<AL-HOME>\wildfly\standalone\log\server.log*