

Celltraq 8.7.5 Update

Prepare for Update

1. Log onto Celltraq Server
2. Open Windows Services window
3. Locate and stop the *SQL Server* service
4. Locate and stop the *Apache Tomcat* service.
5. If **not** on Tomcat 9, change existing Apache Tomcat (7.0 or 6.0) Service to manual start
6. Make a backup copy of the *C:\celltraq* folder
7. Make a backup copy of the *C:\Program Files\Apache Software Foundation* folder
8. Make a backup copy of the database, if not in the *C:\celltraq* directory

Update to Java 8 [Found in Java 8 311 Folder]

9. Install Java8 1.8.0_311 by running as administrator **jre-8u311-windows-x64.exe**
 - a. Step through with default installation configuration
10. During the installation, agree to uninstall older versions of Java
11. Ensure **JAVA_HOME** and **JAVA_JRE** environment variables point to new Java 8 311 folder

Update to Apache Tomcat 9.0 [Found in Tomcat 9.0.45 Folder]

12. Install new Tomcat 9.0.45 by running as administrator **apache-tomcat-9.0.45.exe**
 - a. Step through with default installation configuration
13. Delete newly installed **Tomcat 9.0** server folder from *C:\Program Files\Apache Software Foundation*
14. Copy provided **Tomcat 9.0** server folder to *C:\Program Files\Apache Software Foundation*
 - a. Edit **server.xml** file for correct SQL Database password and IP address
 - b. Ensure **CATALINA_HOME** environment variable points to Tomcat 9 folder
 - c. Ensure the Tomcat 9 service is running with *local system* account as log on
 - d. Ensure the correct **jvm.dll** file is selected by Tomcat
 - e. Ensure service is set to start automatically

Update to SQL Express 2017 [Found in SQL EXP 2017 folder]

15. Install SQL Express 2017 by running as administrator **SQLEXP_x64_ENU.exe**
16. Select the option to upgrade from previous version
 - a. Step through with default installation configuration

Copy to JDBC Connector Files [Found in JDBC 9.4 Folder]

17. Copy **mssql-jdbc-9.4.1.x64.dll** to *C:\Program Files\Java\jre1.8.0_311\bin*
 - a. Ensure the file *C:\Program Files\Apache Software Foundation\Tomcat 9.0\lib\mssql-jdbc-9.4.1.jre8.jar* exist.

Update to Celltraq 8.7.5 [Found Celltraq 8.7.5 Folder]

18. Delete original Celltraq **Server** folder from *C:/Celltraq* folder

19. Copy provided Celltraq **Server** folder to *C:/Celltraq* folder
 - a. Copy the backed up *C:/celltraq/Server/config/license.dat* file to *C:/celltraq/Server/config/*
 - b. Ensure *.jsp files contain *WEBINF/tld* file path
20. Open SQL Management Studio and execute the required SQL scripts found in the *Celltraq 8.7.5/Database Script* folder
 - a. Execute only the SQL scrip versions required to update the system to version 8.7.1
(For Example, if the system is on 8.3.0 run scripts version from 8.4.0 and up)

Log4J Files [Found in Log4J 2.17.1 Folder]

21. Ensure *C:\celltraq\Server\WEB-INF\lib\log4j-1.2.15.jar* file is not present in folder
22. Ensure the **log4j-1.2-api-2.17.1.jar** and **log4j-api-2.17.1.jar** files are present in *C:\celltraq\Server\WEB-INF\lib*

Restart Services

23. Start SQL Server Service
24. Start Tomcat 9.0 Service