CONFIGURATION GUIDES › DATABASES

Increasing Memory for Derby

Applicare 10.0 · Updated September 13, 2024 · mysql · **Pending technical review**

By default, the Applicare Derby database is configured to run on a laptop and is suitable for testing with Applicare with One or two agents. If the Derby database is used for POCs or testing scenarios that involve a higher no. of agents and transactions, you should increase the amount of memory allocated to Derby.

Step 1: Stop the Derby database.

Step 2: Navigate to the directory listed below.

```xml
<Applicare_home_directory>\javadb\bin
```

For Windows

Edit the **startNetworkServer.bat** file. Locate the two **-Xmx**, parameter within the file and update both values as needed.

```
if "%_JAVACMD%"=="" goto end

if "%_USE_CLASSPATH%"=="no" goto runNoClasspath
if not "%CLASSPATH%"=="" goto runWithClasspath

:runNoClasspath
"%_JAVACMD%" -Xmx2048m %DERBY_OPTS% -classpath "%LOCALCLASSPATH%" org.apache.derby.drda.NetworkServerControl start -h 0.0.0.0
goto end

:runWithClasspath
"%_JAVACMD%" -Xmx1000m %DERBY_OPTS% -classpath "%CLASSPATH%;%LOCALCLASSPATH%" org.apache.derby.drda.NetworkServerControl start
goto end
```

For Linux

Edit the **startNetworkServer.sh** file. Find the **-Xmx** parameter within the file and adjust its value accordingly.

```
. $DERBY_HOME/bin/derby_common.sh

derby_exec_command="exec \"$JAVACMD\" -Xmx2048m $DERBY_OPTS -classpath
eval $derby_exec_command
```

Monitoring with Applicare