

Increase Heap Memory

If the heap memory is insufficient to run the replication, tomcat will lead to the error as shown below.

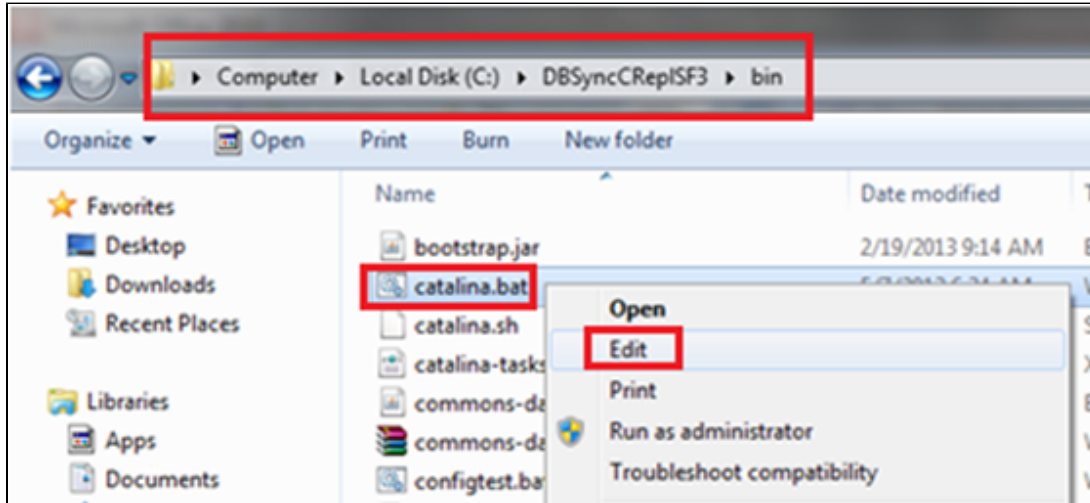
INFO: Completed Request:db_setup

Exception in thread "Thread-4" **java.lang.OutOfMemoryError**: Java heap space
at java.util.Arrays.copyOfRange(Unknown Source)

Solution:

This issue can be resolved by following the below steps.

- Go to installation folder *DBSyncCRepISF3* and then open bin folder. Identify the tomcat file *catalina.bat* in the *bin* folder.



- Right-click on the file *catalina.bat* to select edit. In *catalina.bat* file, search for the command **set CATALINA_OPTS=**
- If **set CATALINA_OPTS** command is found, edit the values for Xms & Xmx to 1024. Usually, this command will be available in the beginning, right after the command **set JRE_HOME=..jre1.7.0_13**. The new command must be **CATALINA_OPTS="-Xms1024m --Xmx1024m"**

A screenshot of the 'catalina.bat' file opened in Notepad. The file contains various configuration comments and commands. Two lines are highlighted with a red rectangle: 'set JRE_HOME=..jre1.7.0_13' and 'set CATALINA_OPTS="-Xms1024m --Xmx1024m"'. The rest of the file contains comments about logging, title, and batch job suppression.

- If **set CATALINA_OPTS** command is not found, including the new command to edit the default values for Xms & Xmx. The new command must be **CATALINA_OPTS="-Xms1024m --Xmx1024m"** and must be placed after the command **set JRE_HOME=..jre1.7.0_13**
- If **Windows service** is used to run DBSync Cloud Replication, windows service must be re-registered before running the Replication.