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 *DBSyncCReplSF3* 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"**

- 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.