

Article # 1485

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FAQ: How do I modify the Java heap size of OBM or ACB?

Product Version:

ACB: Post-5.5.1.0

OBM: Post-5.2.4.0

OS: All platforms

Description:

How do I modify the Java heap size of OBM or ACB?

Steps:

This document contains the information of how to modify the Java heap size of OBM and ACB.

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- How to modify the Java heap size of OBM version 5.5

Instruction for ACB version 5.5:

To modify the Java heap size of ACB version 5.5, you need to amend the following files:

For Windows:

- `${ACB-Install-Home}\config.ini`
- `${ACB-Install-Home}\bin\RunOBC.bat`

For Mac OS X:

- `${ACB-Install-Home}/config.ini`
- `${ACB-Install-Home}/bin/RunOBC.sh`

8. Please open "config.ini" and "RunOBC.bat" with a text editor and you should see entries as shown below:

config.ini:

```
app.system.ui.vm.opt.xms=32
app.system.ui.vm.opt.xmx=384
app.system.conf.language
```

9.

```
RunOBC.bat:
...
SET JAVA_HOME=%OBC_HOME%\jvm
SET JAVA_EXE=%JAVA_HOME%\bin\java.exe
SET JAVA_OPTS=-Xms32m -Xmx512m -Dsun.java2d.noddraw
...
```

10.

11. The value 384 and 512 is the current Java heap size which by default is 384MB and 512MB

12. Please amend the line by changing the default value to "768", (or 1028 depending on the amount of free system memory available) so the line will appear similar to the example as follows:

```
config.ini (Updated):
app.system.ui.vm.opt.xms=32
app.system.ui.vm.opt.xmx=768
app.system.conf.language

RunOBC.bat (Updated):
...
SET JAVA_HOME=%OBM_HOME%\jvm
SET JAVA_EXE=%OBM_HOME%\jvm\bin\java.exe
SET JAVA_OPTS=-Xms32m -Xmx768m -Dsun.java2d.noddraw
...
```

14.

15. Once done, please restart the ACB scheduler service

Instruction for OBM version 5.2:

To modify the Java heap size of OBM version 5.2, you need to amend the following files:

For Windows:

- \${OBM-Install-Home}\config.ini
- \${OBM-Install-Home}\bin\RunOBM.bat

For Linux / Unix / Mac OS X:

- \${OBM-Install-Home}/config.ini
- \${OBM-Install-Home}/bin/RunBackupSet.sh

20. Please open "config.ini", "RunOBM.bat" or "RunBackupSet.sh" with a text editor and you should see entries as shown below:

config.ini:
app.system.ui.vm.opt.xmx=384
app.system.ui.vm.opt.xms=32
app.system.common.format.datetime.hourinday=true

- 21.

RunOBM.bat:
...
SET JAVA_HOME=%OBM_HOME%\jvm
SET JAVA_EXE=%OBM_HOME%\jvm\bin\java.exe
SET JAVA_OPTS=-Xms32m -Xmx384m -Dsun.java2d.noddraw
...

- 22.

RunBackupSet.sh:
...
LIB_HOME=./bin
JAVA_OPTS="-Xmx256m -Djava.library.path=\$APP_HOME/bin"
CLASSPATH=\$LIB_HOME:\$LIB_HOME/obm.jar:\$LIB_HOME/obm-lib.jar
MAIN_CLASS=RunBackupSet
...

- 23.

24. The value 384 and 256 is the current Java heap size which by default is 384MB and 256MB

25. Please amend the line by changing the default value to "768", (or 1024 depending on the amount of free system memory available) so the line will appear

similar to the example as follows:

```
config.ini (updated):  
app.system.ui.vm.opt.xmx=768  
app.system.ui.vm.opt.xms=32  
app.system.common.format.datetime.hourinday=true
```

26.

```
RunOBM.bat (updated):  
...  
SET JAVA_HOME=%OBM_HOME%\jvm  
SET JAVA_EXE=%OBM_HOME%\jvm\bin\java.exe  
SET JAVA_OPTS=-Xms32m -Xmx768m -Dsun.java2d.noddraw  
...
```

27.

```
RunBackupSet.sh (updated):  
...  
LIB_HOME=./bin  
JAVA_OPTS="-Xmx768m -Djava.library.path=$APP_HOME/bin"  
CLASSPATH=$LIB_HOME:$LIB_HOME/obm.jar:$LIB_HOME/obm-lib.jar  
MAIN_CLASS=RunBackupSet  
...
```

28.

29. Once done, please restart the OBM scheduler service

Instruction for OBM version 5.5:

To modify the Java heap size of OBM version 5.5, you need to amend the following files:

For Windows:

- `${OBM-Install-Home}\config.ini`
- `${OBM-Install-Home}\bin\RunOBC.bat`

For Linux / Unix / Mac OS X:

- `${OBM-Install-Home}/config.ini`

- o `${OBM-Install-Home}/bin/RunBackupSet.sh`

34. Please open "config.ini", "RunOBC.bat" or "RunBackupSet.sh" with a text editor and you should see entries as shown below:

```
config.ini:  
app.system.ui.vm.opt.xmx=384  
app.system.ui.vm.opt.xms=32  
app.system.common.format.datetime.hourinday=true
```

35.

```
RunOBC.bat:  
...  
SET JAVA_HOME=%OBC_HOME%\jvm  
SET JAVA_EXE=%JAVA_HOME%\bin\java.exe  
SET JAVA_OPTS=-Xms32m -Xmx512m -Dsun.java2d.noddraw  
...
```

36.

```
RunBackupSet.sh:  
...  
LIB_HOME=./bin  
JAVA_OPTS="-Xmx256m -Djava.library.path=$APP_HOME/bin"  
CLASSPATH=$LIB_HOME:$LIB_HOME/obm.jar:$LIB_HOME/obm-lib.jar  
MAIN_CLASS=RunBackupSet  
...
```

37.

38. The value 384, 512 and 256 is the current Java heap size which by default is 384MB, 512MB and 256MB

39. Please amend the line by changing the default value to "768", (or 1024 depending on the amount of free system memory available) so the line will appear similar to the example as follows:

```
config.ini (updated):  
app.system.ui.vm.opt.xmx=768  
app.system.ui.vm.opt.xms=32  
app.system.common.format.datetime.hourinday=true
```

40.

```
RunOBC.bat (updated):  
...  
SET JAVA_HOME=%OBC_HOME%\jvm  
SET JAVA_EXE=%JAVA_HOME%\bin\java.exe  
SET JAVA_OPTS=-Xms32m -Xmx768m -Dsun.java2d.noddraw  
...
```

41.

```
RunBackupSet.sh (updated):  
...  
LIB_HOME=./bin  
JAVA_OPTS="-Xmx768m -Djava.library.path=$APP_HOME/bin"  
CLASSPATH=$LIB_HOME:$LIB_HOME/obm.jar:$LIB_HOME/obm-lib.jar  
MAIN_CLASS=RunBackupSet  
...
```

42.

43. Once done, please restart the OBM scheduler service

Workaround:

N/A

Also See:

N/A

Other Info:

N/A