

FAQ: How to modify the Java heap size setting of AhsayOBM / AhsayACB?

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Product Version:

AhsayACB / AhsayOBM: 8.1 or above

OS: All platforms

Description

This article outlines the steps required to modify the Java heap size of AhsayOBM / AhsayACB.

Steps

This document contains instruction on how to modify the Java heap size setting of your AhsayOBM / ACB client application.

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How to modify the Java heap size setting of AhsayACB:

To modify the Java heap size of AhsayACB installation on Window / Mac OS X, amend the following files:

For Windows:

- `${AhsayACB-Install-Home}\config.ini`
- `${AhsayACB-Install-Home}\bin\RunCB.bat`

For Mac OS X:

- `${AhsayACB-Install-Home}/config.ini`
- `${AhsayACB-Install-Home}/bin/RunCB.sh`

1. ([For Windows](#)) Open the 'config.ini' and 'RunCB.bat' files with a text editor:

config.ini

```
app.system.ui.vm.opt.xms=128
app.system.ui.vm.opt.xmx=2048
app.system.conf.language=en
```

RunCB.bat

```
...
SET PATH=%JAVA_HOME%\bin;%PATH%
```

```
...  
SET JAVA_OPTS=-Xms128m -Xmx2048m -XX:MaxDirectMemorySize=1024m ...  
...
```

(For Mac OS X) Open the 'config.ini' and 'RunCB.sh' files with a text editor:

config.ini

```
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=2048  
app.system.conf.language=en
```

RunCB.sh

```
...  
JAVA_OPTS="-Xrs -Xms128m -Xmx2048m -client"  
JNI_PATH="-Djava.library.path=$LIB_HOME"  
...
```

Note:

The value 2048, in the above examples are the current Java heap size.

2. Amend the line by changing the value to '4096' (depending on the amount of free system memory available), so the line will appear similar to the example as follows:

(For Windows) Open the 'config.ini' and 'RunCB.bat' files with a text editor:

config.ini (Updated)

```
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=4096  
app.system.conf.language=en
```

RunCB.bat (Updated)

```
...  
SET PATH=%JAVA_HOME%\bin;%PATH%  
...  
SET JAVA_OPTS=-Xms128m -Xmx4096m -XX:MaxDirectMemorySize=1024m ...  
...
```

(For Mac OS X) Open the 'config.ini' and 'RunCB.sh' files with a text editor:

config.ini (Updated)

```
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=4096  
app.system.conf.language=en
```

RunCB.sh (Updated)

```
...  
JAVA_OPTS="-Xrs -Xms128m -Xmx 4096m -client"  
JNI_PATH="-Djava.library.path=$LIB_HOME"  
...
```

3. Save the changes, then restart the scheduler service.

How to modify the Java heap size setting of AhsayOBM:

To modify the Java heap size of AhsayOBM installation on Window, Mac OS X or Linux, you need to amend the following files:

For Windows:

- `${AhsayOBM-Install-Home}\config.ini`
- `${AhsayOBM-Install-Home}\bin\RunCB.bat`

For Mac OS X:

- `${AhsayOBM-Install-Home}/config.ini`
- `${AhsayOBM-Install-Home}/bin/RunCB.sh`

For Linux:

- `${AhsayOBM-Install-Home}/config.ini`
- `${AhsayOBM-Install-Home}/bin/RunCB.sh`
- `${AhsayOBM-Install-Home}/bin/RunBackupSet.sh`

1. (For Windows) Open the 'config.ini' and 'RunCB.bat' files with a text editor:

```
config.ini
app.system.ui.vm.opt.xms=128
app.system.ui.vm.opt.xmx=2048
app.system.conf.language=en
```

```
RunCB.bat
...
SET PATH=%JAVA_HOME%\bin;%PATH%
...
SET JAVA_OPTS=-Xms128m -Xmx2048m -XX:MaxDirectMemorySize=1024m ...
...
```

(For Mac OS X) Open the 'config.ini' and 'RunCB.sh' files with a text editor:

```
config.ini
app.system.ui.vm.opt.xms=128
app.system.ui.vm.opt.xmx=2048
app.system.conf.language=en
```

```
RunCB.sh
...
JAVA_OPTS="-Xrs -Xms128m -Xmx2048m -client"
JNI_PATH="-Djava.library.path=$LIB_HOME"
...
```

(For Linux) Open the 'config.ini', 'RunCB.sh' and RunBackupSet.sh files with a text editor:

```
config.ini
app.system.ui.vm.opt.xms=128
app.system.ui.vm.opt.xmx=2048
app.system.conf.language
```

```
RunCB.sh / RunBackupSet.sh
```

```
...  
JAVA_OPTS="-Xrs -Xms128m -Xmx2048m -client ...  
JNI_PATH="-Djava.library.path=$LIB_HOME"  
...
```

Note:

The value 2048, in the above examples are the current Java heap size.

2. Amend the line by changing the value to '4096' (depending on the amount of free system memory available), so the line will appear similar to the example as follows:

(For Windows) Open the 'config.ini' and 'RunCB.bat' files with a text editor:

```
config.ini (Updated)  
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=4096  
app.system.conf.language=en
```

```
RunCB.bat (Updated)  
...  
SET PATH=%JAVA_HOME%\bin;%PATH%  
...  
SET JAVA_OPTS=-Xms128m -Xmx4096m -XX:MaxDirectMemorySize=1024m ...  
...
```

(For Mac OS X) Open the 'config.ini' and 'RunCB.sh' files with a text editor:

```
config.ini (Updated)  
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=4096  
app.system.conf.language=en
```

```
RunCB.sh (Updated)  
...  
JAVA_OPTS="-Xrs -Xms128m -Xmx 4096m -client"  
JNI_PATH="-Djava.library.path=$LIB_HOME"  
...
```

(For Linux) Open the 'config.ini', 'RunCB.sh' and 'RunBackupSet.sh' files with a text editor:

```
config.ini (Updated)  
app.system.ui.vm.opt.xms=128  
app.system.ui.vm.opt.xmx=4096  
app.system.conf.language=en
```

```
RunCB.sh / RunBackupSet.sh (Updated)  
...  
JAVA_OPTS="-Xrs -Xms128m -Xmx4096m -client ...  
JNI_PATH="-Djava.library.path=$LIB_HOME"  
...
```

3. Save the changes, then restart the AhsayOBM scheduler service.

Keywords

OBC, OBM, Java, Memory, Heap, RAM

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