

[V9] FAQ: How to modify the Java heap size setting of AhsayOBM / AhsayACB?

Article ID: 9404

Reviewed: 2022-03-17

Product Version:

AhsayACB / AhsayOBM: 9.1 to 9.x

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.

Table of Contents:

- [How to modify the Java heap size setting of AhsayACB](#)
- [How to modify the Java heap size setting of AhsayOBM](#)

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 (in MB).

2. Amend the line by changing the value to '4096' (value in MB) (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, Linux or NAS, 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

For NAS:

- \${AhsayOBM-Install-Home}/config.ini

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:

- (For NAS) Open the 'config.ini' file 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 (in MB).

2. Amend the line by changing the value to '4096' (value in MB) (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:

(For NAS) Open the 'config.ini' file 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

From:

<https://wiki.ahsay.com/> - **Ahsay Wiki**

Permanent link:

https://wiki.ahsay.com/doku.php?id=public:version_9:client:9404_how_to_modify_the_java_heap_size_of_ahsayobc 

Last update: **2022/03/18 09:10**