

OAS, Increase PSPermGen

Since the default **PSPermGen** size in OAS is small, you may need to increase the **PSPermGen** size of the Java heap to at least 128 megabytes. Below are the **minimum** memory arguments you must specify; it's okay if your OAS environment specifies higher values:

```
-Xms256m -Xmx512m -XX:PermSize=128m -XX:MaxPermSize=256m
```

Google shows these options for revising the memory options for Java in OC4j:

1. If using an OPMN managed environment, you must revise the **\$ORACLE_HOME/opmn/conf/opmn.xml** file.

```
<ias-component id="OC4J">
  <process-type id="home" module-id="OC4J" status="enabled">
    <module-data>
      <category id="start-parameters">
        <data id="java-options"
          value="-Xms256m -Xmx512m -XX:PermSize=128m -XX:MaxPermSize=256m ..." />
        ...
      </category>
      ...
    </module-data>
  </process-type>
</ias-component>
```

2. Revise the shell script that starts OC4J:

```
set JAVA_OPTS=-Xms256m -Xmx512m -XX:PermSize=128m -XX:MaxPermSize=256m
java %JAVA_OPTS% -jar oc4j.jar
```

These options were extracted from **Oracle® Containers for J2EE Configuration and Administration Guide, 10g Release 3 (10.1.3)**. A link to the page may be found here: http://docs.oracle.com/cd/B25221_03/web.1013/b14432/diagnosis.htm#sthref509