

**Supported Version:** Oracle BAM 10.1.3

**Objectives:**

This document describes the steps to configure parameters in the BAM Administrator, such as Message Source, User & Roles Management, and Enterprise Message Source Type.

**Prerequisites:**

1. Basic knowledge of BAM and installed BAM software.
2. OC4J container is downloaded and installed in default directory.  
<http://www.oracle.com/technology/software/products/ias/htdocs/utlsoft.html>
3. Unzip the above file in C:\OracleBAM\OC4J. This OC4J container is used as an example in this document. Other messages source class paths need to be configured similarly.

**Objectives:**

1. Configure the BAM Message Center.
2. Create and manage a user and assign roles, and tasks
3. Enterprise Message Source Type for correct class path.

**Configure Oracle BAM Message Center.**

Open the following URL in IE (IE only) <http://localhost/OracleBAM/>. Click on “Administrator”. Select “Message Center Management” from the drop down list.

Click “Edit”. And provide correct email (SMTP) server name and account in the box provided. Click on “Save” and close this dialog box. Note- this email SMTP server should be reachable from the Oracle BAM server, and the email account provided should be a valid email user account on the SMTP server.

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Restart all BAM Event Engine service to make the changes take effect.

### Configure Oracle BAM Enterprise Message Source Type :

Open the following URL in IE (IE only) <http://localhost/OracleBAM/>. Click on “Administrator”. Select “Manage Enterprise Message Source Type “from the drop down list.

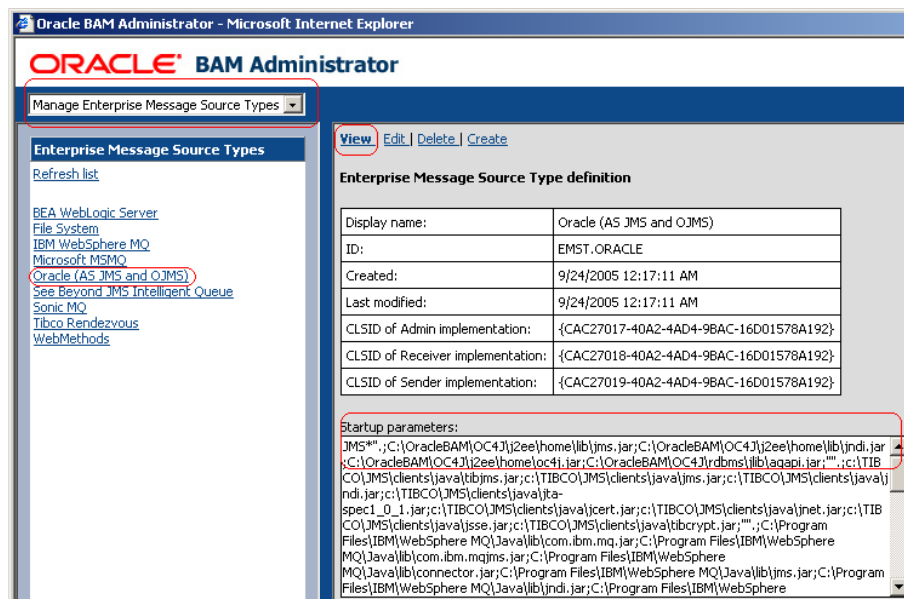
Click the “**Oracle (AS JMS and OJMS)** link. Verify that the Startup Parameters entry has the path correctly specified for the various libraries.

C:\OracleBAM\OC4J\j2ee\home\OC4J.jar;C:\OracleBAM\OC4J\j2ee\home\OC4Jclient.jar;C:\OracleBAM\OC4J\j2ee\home\lib\oc4j-internal.jar;C:\OracleBAM\OC4J\j2ee\home\lib\ejb.jar;C:\OracleBAM\OC4J\j2ee\home\lib\servlet.jar;C:\OracleBAM\OC4J\j2ee\home\lib\jta.jar;C:\OracleBAM\OC4J\j2ee\home\lib\jms.jar;C:\OracleBAM\OC4J\j2ee\home\lib\javax88.jar;C:\OracleBAM\OC4J\j2ee\home\lib\javax77.jar;C:\OracleBAM\OC4J\j2ee\home\lib\jmxri.jar;C:\OracleBAM\OC4J\j2ee\home\lib\jmx\_remote\_api.jar;c:\oraclebam\oc4j\opmn\lib\optic.jar;C:\oraclebam\OC4J\rdbms\lib\aqapi.jar;

Note –if you are using Oracle Application Server with opmn process, the following additional files are required in the above path:

*C:\OracleBAM\OC4J\opmn\lib\optic.jar*

Copy the entire Application Server “opmn” directory to c:\oraclebam



Restart all BAM services to make the Class path changes take effect.  
Close the Administrator window.

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*Note: It is possible to configure the jar file path directly without installing OC4J as specified here. This example steps is given for simplicity only.*

### jndi authentication file

The username, password authentication required for the jndi connection is stored in a file in C:\OracleBAM\BAM\j2re1.4.1\_01\lib directory. Verify that the file jndi.properties is present (Create if necessary). This file defines the authentication details for connecting to the JMS bus.

```
java.naming.security.principal=oc4jadmin  
java.naming.security.credentials=welcome1
```

### Creating a BAM user:

Open Oracle BAM Console, Administrator window. Select Login Management. Click on **Create**, and add BAM user as below. (provide your DomainName\UserName).

The screenshot shows the Oracle BAM Administrator web interface. At the top, there's a blue header with 'ORACLE BAM Administrator'. Below it, a dropdown menu is set to 'Login management'. The main area is divided into two panes. The left pane, titled 'Users', has a 'Refresh list' link and a list of four users, each with a person icon and a link: SSONDUR-LAP\ASPNET, SSONDUR-LAP\ssondur, SSONDUR-LAP\Student1, and SSONDUR-LAP\Student2. The right pane shows the 'Edit this login' form for 'SSONDUR-LAP\Student1'. At the top of the right pane are links: View, Edit, Delete, Reassign Ownership, View Roles, and Create. The form has four input fields: 'Login Name' (containing SSONDUR-LAP\Student1), 'Full Name' (containing SSONDUR-LAP\Student1), 'Email Account' (empty), and 'Preferred Delivery Order' (empty). At the bottom of the form are 'Save' and 'Cancel' buttons.

Click on “Save”.

Note – this user should be a valid user on the BAM server Windows environment. To add this user to Windows environment – select: Start Menu- Settings- Control Panel- User Accounts – Add user.

### Assigning Roles to a BAM user:

Open Oracle BAM Console, Administrator window. Select Roles Management. Click on **Architect** (or the role of you wish to assign) , and add BAM user to the role.

Note – you can create your own role name: example – myDesignRole, and assign the required BAM tasks for this role and add users to this role.

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After adding the user to a role, save and close this dialog box. Open Login Management, and select the user, and verify that the user has been assigned the designed role. (select Assigned Roles from the list above to view current user roles).

The Oracle BAM roles are independent from Windows Groups and Roles.

Roles management

**Roles**

[Refresh list](#)

Existing roles:  
[Administrator](#)  
[Report Architect](#)  
[Report Creator](#)  
[Report Viewer](#)

Create a new role...

**Role Name:** Report Architect

**Description:** Has access to features for creating data objects and reports.

This role can perform the following actions:

- ☒ Create Data Object
- ☒ Active Viewer
- ☒ Active Studio
- ☒ Architect
- ☐ Administrator
- ☒ Create Report
- ☒ Create Alert Rule
- ☒ Email Rendered Report

Specify which users and/or groups can perform the actions of this role:

User or Group Name	Add User	Add Group
SSONDUR-LAP\Student1	<a href="#">Remove</a>	

### Note:

By default – Oracle BAM is integrated with Windows authentication system for login management. Oracle BAM also supports LDAP configuration for user name, group name, roles, and password interface. Details are provided in another document.

### Summary:

1. Configure the BAM Message Center.
2. Create and manage a user and assign roles, and tasks
3. Enterprise Message Source Type for correct class path.

### Questions & Clarifications:

If you have any comments or need additional information, please communicate through the Oracle BAM forum at: <http://forums.oracle.com/forums/forum.jspa?forumID=252>