

Oracle® Business Activity Monitoring 10g Release 3 (10.1.3.3)

Release Notes

July 2007

This document contains information specific to Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3). It contains the following sections:

- Section 1, "Where to Find Oracle BAM 10.1.3.3 Documentation"
- Section 2, "Microsoft Windows Vista Certification"
- Section 3, "Internet Explorer 7 Certification"
- Section 4, "New Features"
- Section 5, "Known Issues"
- Section 6, "List of Bugs Fixed"
- Section 7, "Documentation Accessibility"

1 Where to Find Oracle BAM 10.1.3.3 Documentation

To locate Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) documentation:

1. Navigate to the Oracle Business Activity Monitoring page on Oracle Technology Network.
2. In the Oracle BAM 10g (10.1.3.3) section, click **Documentation**.

Note that a full documentation library was not created for Oracle BAM 10.1.3.3. Refer to the Oracle BAM 10.1.3.1 documentation.

2 Microsoft Windows Vista Certification

Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) is certified to support BAM clients running on Microsoft Windows Vista.

You can find more information on requirements for BAM clients in Section 1.4, "Client System Requirements," in *Oracle Business Activity Monitoring Installation Guide 10g (10.1.3.1.0)*, Part Number B28988-01. Note that this revision of the guide does not list Microsoft Windows Vista, but it is supported with 10.1.3.3.

Note: Refer to Section 5.2 for a list of known issues when using Microsoft Windows Vista

3 Internet Explorer 7 Certification

Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) is certified to support Internet Explorer 7 as a client.

Note: Refer to 5.1.3 , "Opening Pop-ups in New Tab in Internet Explorer 7 is Not Supported" for an issue with using Internet Explorer 7

4 New Features

This section describes new features in Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) that are not described in the documentation library. It contains the following topic:

- Section 4.1, "New Alert Action: Delete Data from a Data Object"

4.1 New Alert Action: Delete Data from a Data Object

A new Alert Action, Delete Data from a Data Object, has been added. It allows users to purge records that meet certain conditions, such as older than one week. This feature supports creating a plan to purge records from a data object in installations without Enterprise Link.

The steps to create this Alert Action are:

1. Create a new alert.
2. Select Event **Every date interval starting on a certain date at a specific time**. This is currently the only event that will enable the new action.
3. Click **Next**.
4. Select Action **Delete data from a Data Object**.
5. In Rule Expression, select the date interval, start date, and start time.
6. To complete the action details, click **this data field has a condition of x**, select a data object, and create a row filter against a data object.

An example of deleting records that are one week old in the row filter:

Include rows where NONE of the following apply:
<Datetime field> is within a time interval previous 1 week.

An example of deleting records past a certain date:

Datetime is less than <date>.

5 Known Issues

For a list of known issues, refer to the "Oracle Business Activity Monitoring" chapter in *Oracle Application Server Release Notes 10g Release 3 (10.1.3.1.0)* for your platform.

This section describes additional issues specific to Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3). It contains the following sections:

- Section 5.1, "Known Issues Common to All Platforms"

- Section 5.2, "Known Issues Specific to Microsoft Windows Vista"

5.1 Known Issues Common to All Platforms

This section contains issues common to all platforms. It contains the following topics:

- Section 5.1.1, "Microsoft Excel 2007 is Not Supported"
- Section 5.1.2, "No-Enterprise Link Version of BAM has References to Enterprise Link"
- Section 5.1.3, "Opening Pop-ups in New Tab in Internet Explorer 7 is Not Supported"
- Section 5.1.4, "DELETE DATA Alert Action Deletes Data Regardless of Permissions"
- Section 5.1.5, "SQL Query Transform Error"

5.1.1 Microsoft Excel 2007 is Not Supported

Microsoft Excel 2007 is not supported in Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3).

5.1.2 No-Enterprise Link Version of BAM has References to Enterprise Link

Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) provides two types of installations: a full installation, which contains Enterprise Link, and a No-Enterprise Link installation.

The No-Enterprise Link version contains references to Enterprise Link, which result in the following issues and restrictions:

- The Start BAM shortcut displays the following error:

```
Starting "Oracle BAM Data Flow Service"...
The service name is invalid
```

The Stop BAM shortcut displays the following error:

```
"Oracle BAM Data Flow Service" not started
```

These errors are harmless and can be ignored.

- The "Run a Plan" alert type is not supported.
- The following operations are not supported:
 - Architect > Enterprise Message Sources
 - Administrator > Manage Enterprise Message Source Types
- The Plan Monitor option in BAM Administrator is not supported.
- ICommand can fail if you try to export or import, and the command calls for Plan Monitor to be running. Part of the error message will appear as follows:

```
Problem communicating with Plan Monitor Service (Service name/location:
"Oracle BAM Plan Monitor [tcp://ADAS0160:4441/PlanMonitorRequests]").
[ErrorSource="PlanMonitor", ErrorID="PlanMonitor.Communication"]
No connection could be made because the target machine actively refused
it
[ErrorSource="mscorlib"]
```

5.1.3 Opening Pop-ups in New Tab in Internet Explorer 7 is Not Supported

Internet Explorer 7 allows you to specify where to open new pop-ups as follows:

1. In the **Tools** menu in Internet Explorer 7, click **Internet Options**.
2. Select the **General** tab. In the **Tabs** section, click **Settings**.
3. Under **When a pop-up is encountered**, you can choose:
 - Let Internet Explorer decide how pop-ups should open
 - Always open pop-ups in a new window
 - Always open pop-ups in a new tab

Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) only supports the second (default) option: "Always open pop-ups in a new window."

5.1.4 DELETE DATA Alert Action Deletes Data Regardless of Permissions

You can create a security filter against a data object that enforces row-level security and allows users to view only certain data based on their logins. This security filter works successfully when users run reports against a data object to view data; only the rows they have permission to see are displayed. However, if a user uses the Delete Data from a Data Object alert action to delete rows in this data object, then all rows will be deleted, regardless of permissions.

5.1.5 SQL Query Transform Error

When users edit the SQL in SQL Query transform, they lose output schema (column definitions) and transforms afterwards could fail with an error.

Error: Input flow contains no fields.

[Oracle BAM Enterprise Link error code: 0x73 -- 0x1, 0x73 -- 0x1]

There are two possible solutions:

1. Add a filter clause, and restore the SQL Query as it was before, but instead of hand editing for the new filter, click on the Filter button in the toolbar and add a filter using SQL TEXT.
2. Hand edit the SQL Query transform and add an Add Columns transform immediately afterwards, then add each column definition (set to Use Existing).

5.2 Known Issues Specific to Microsoft Windows Vista

This section contains issues specific to Microsoft Windows Vista. It contains the following topics:

- Section 5.2.1, "Compatibility Message When Installing Oracle Data Access Client on Vista"
- Section 5.2.2, "Use 10.2.0.3 Database Installer to Deinstall Oracle Data Access Client on Vista"
- Section 5.2.3, "Configuring IIS on Vista to Send Report Links or Pages"
- Section 5.2.4, "Error with Crosstab and Matrix When Including Row and Column Field on Vista"
- Section 5.2.5, "Unable to View Picture in External Content View on Vista"

5.2.1 Compatibility Message When Installing Oracle Data Access Client on Vista

When installing Oracle Data Access Client on Microsoft Windows Vista, a pop-up with the following heading may occur:

```
This program has known compatibility issues
```

This message is harmless. Click **Run program** to proceed with the installation.

5.2.2 Use 10.2.0.3 Database Installer to Deinstall Oracle Data Access Client on Vista

To deinstall Oracle Data Access Client on Microsoft Windows Vista, run Oracle Universal Installer for Oracle Database 10.2.0.3 or Oracle Database Client 10.2.0.3. Do not run Oracle Universal Installer in the Oracle Data Access Client installation.

5.2.3 Configuring IIS on Vista to Send Report Links or Pages

When using Microsoft Internet Information Server (IIS) on Microsoft Windows Vista, Oracle BAM cannot send report links or pages (attachments). The Event Engine log reports the following error with `ReportMailer.asmx`:

```
Exception: The request failed with HTTP status 401:Unauthorized.
```

You can work around this problem in the following ways:

- Use one of the supported versions of Microsoft Windows to run Oracle BAM Web Applications and Event Engine.
- If you do not require Basic Authentication for Web Services, you can follow these steps to disable Basic Authentication through IIS in the Services directory. Note that if you do this, you cannot use the BPEL-BAM integration feature.

1. Open a command-line window and change to the following directory:

```
C:\inetpub\AdminScripts
```

2. Run the following command:

```
cscript.exe adsutil.vbs GET  
/w3svc/1/root/OracleBAM/NTAuthenticationProviders
```

The command may return the following:

```
NTAuthenticationProviders      : (STRING) "Negotiate,NTLM"
```

3. This needs to be set only to NTLM. Run this command to do so:

```
cscript.exe adsutil.vbs SET  
/w3svc/1/root/OracleBAM/NTAuthenticationProviders "NTLM"
```

4. Run the command in step 2 again and verify that it returns the following:

```
NTAuthenticationProviders      : (STRING) "NTLM"
```

5. Open the IIS console.
6. Click Web Site > Default Web Site > OracleBAM > 6008 virtual directory.
 - a. Select the **Services** folder.
 - b. Select **Authentication** to change its properties.

- c. Disable Basic Authentication. (Windows Authentication should be the only option enabled.)
7. Click Web Sites > Default Web Site > OracleBAM virtual directory.
 - a. Select the **Services** folder.
 - b. Select **Authentication** to change its properties.
 - c. Disable Basic Authentication. (Windows Authentication should be the only option enabled.)
 8. Close the IIS Console and test sending a report link or report page via an alert.

5.2.4 Error with Crosstab and Matrix When Including Row and Column Field on Vista

When running a BAM server on Vista, if you create a crosstab or matrix view and select a dataobject field for Rows, Columns and Values, one of the following events may occur:

- You may receive the following error message:

```

-----
Windows Internet Explorer
-----
<ErrorMessage>Object reference not set to an instance of an
object.</ErrorMessage>

-----
OK
-----

```

- The system may appear to hang and values won't appear in the view.

5.2.5 Unable to View Picture in External Content View on Vista

You may encounter the following problem when running BAM server on Vista:

1. Create external content view.
2. Select **Picture from File** and browse to one of the sample pictures, e.g., C:\Users\Public\Pictures\Sample Pictures.
3. Finish in View Editor and observe that the picture never applies in Active Studio. Instead, there is a small box containing colorful shapes in the top left.

Workaround: In the Shading tab, click **Image**, select the image file, and upload to the server.

6 List of Bugs Fixed

The following table lists the bugs that are fixed in Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3).

Fixed in Release	Bug Number	Description
10.1.3.3	5664107	Saving Reports not working in Active Studio using Internet Explorer 7 (IE7). When a user tries to save a new report in IE7, the save operation will not complete and the Save Report dialog hangs.
10.1.3.3	5699486	A report that contains one or more views using a data object that contains a lookup field along with one or more views based using the lookup data object could hang when opening the report.
10.1.3.3	5701858	When a row in the Dimension Table was deleted with a Report open, which was created with Columns in the FACT Table, an ActiveDataCache exception was thrown.
10.1.3.3	5766382	Only the first 27 column headings are displayed in an Excel view.
10.1.3.3	5840476	Active data would cause the error "'undefined' is null or not an object" in a simple crosstab view.
10.1.3.3	5840487	Aggregate values in views like charts were incorrect after receiving active data compared to the data in the data object.
10.1.3.3	5843253	Some Western European characters would not display correctly in View titles
10.1.3.3	5843914	Active data not received in reports with calculated string fields. Specifically if there's a string function like substring such that the length of substring is less than the start position of the substring.
10.1.3.3	5856163	Columnar View Group Button in Active Studio doesn't group & removes column.
10.1.3.3	5860672	Editing the layout of an existing data object that contained data so that the data object layout contained a new timestamp or auto-incrementing integer field would result in database error ORA-01758 and then the Active Data Cache server could not be restarted.
10.1.3.3	5894130	When using batching mode with a high rate of transactions, the active data for some batches would not be displayed in an open view.
10.1.3.3	5907193	NLS issues in Calculator with dot/comma separators on locales with reversed dot and comma separators. Calculator now takes US Format numbers.
10.1.3.3	5908023	Problem with percentage value in pie chart in the Western European languages where comma and dot separators are reversed.

Fixed in Release	Bug Number	Description
10.1.3.3	5911113	When saving a report, the Title is used as the default report name. However, if the Title contains Western European characters, they are stripped away.
10.1.3.3	5932452	Not all active data is displayed in a view on a lookup field in a fact data object when inserts are being made to the fact and dimension data objects at the same time.
10.1.3.3	5937562	When unselecting a value in a view that is driving other views, some of the views display the error "Input string was not in correct format."
10.1.3.3	5945037	Count distinct aggregate values for non-numeric fields disappear from the Summary Crosstab view after the view is expanded.
10.1.3.3	5949832	Customer cannot invoke BAM sensors or create a BAM server connection when BAM is configured with OID
10.1.3.3	5963465	Wasn't possible to create/edit BAM sensor actions if process had bad sensor.
10.1.3.3	5964144	Western European characters will be stripped away in View General tab.
10.1.3.3	5965987	The values in a Summary Crosstab column do not change when modifying the aggregate operation between COUNT and COUNTDISTINCT.
10.1.3.3	6017186	NLS: Western European characters stripped when drill to details.
10.1.3.3	6022263	Reports specifying ActiveNow were generating the exception "Object reference not set to an instance of an object" and ActiveNow refresh interval was being treated as milliseconds rather than seconds.
10.1.3.3	6066022	Incorrect totals display for count distinct values in the Summary Crosstab view when active data is processed.

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Oracle Business Activity Monitoring 10g Release 3 (10.1.3.3) Release Notes

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