
Oracle Hyperion Financial Close Management

Release 11.1.2.4.101 Patch Set Update (PSU): 11.1.2.4.101

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About this Patch

This Readme file describes the defects fixed in this patch and the requirements and instructions for applying this patch.

Caution: You are urged to carefully read and understand the following requirements. Failure to comply may result in applying a patch that can cause your application to malfunction, including interruption of service and/or loss of data. Before installing or applying this patch:

Verify that your system configuration (product version, patch level, and platform) exactly matches what is specified in the Readme.

Patch Type

This is a patch set update (PSU).

Supported Paths to this Patch

You can apply this patch to the following releases:

11.1.2.4.000

11.1.2.4.100

Prerequisites

Microsoft Patch

Microsoft has identified a security issue that could compromise Windows-based systems. Before installing this patch, verify that the Visual C++ 2005 Redistributable Package installed on the computer is current. You may search and download the latest Visual C++ 2005 Redistributable Package from:

<http://www.microsoft.com/en-us/download/default.aspx>

IMPORTANT: Visual C++ 2005 is included and automatically installed in EPM versions 11.1.2.2 and newer. Installing this patch is only required if you are installing EPM versions earlier than 11.1.2.2.

Other Required User Rights

Install the ADF patch 21240419

Required User Rights

The user applying the patch should be the user who was set up to install and configure EPM System products. Required user privileges or rights:

Windows:

Use the user account that has Local administrator rights and was set up for installation and configuration. This user is an administrator and is the same for all EPM System products. Assign local policies if required by the product. Such assignments typically are: "Act as part of the operating system, Bypass traverse checking, Log on as a batch job, Log on as a service."

UNIX/Linux:

Use the account that was used to install EPM System products and has Read, Write, and Execute permissions on \$MIDDLEWARE_HOME. If you installed other Oracle products, the user who installed EPM System products must be in the same group as the user who installed the other Oracle products. OPatches are not intended to be applied using a root user.

Supported Platforms

This patch applies to all supported platforms.

Supported Languages

This patch supports all languages of the base release.

New Features in 11.1.2.4.101

Supplemental Data Management

List Attribute Import

You can now upload dimension members to an attribute of type LIST from a csv file while creating dimensions.

Dimension Reference Search

For attributes which are referenced by a dimension, you can search for members in the dimension member lookup dialog while on a data collection form.

Workflow User Import

You can now make user assignments for workflow stages in bulk, by uploading the assignments from a csv file during a form template creation.

New Features in 11.1.2.4.100

Financial Close Management

Improved Importing of Dates

When you import data with dates, you can select the format from a designated list of formats. The format remedies the case where Excel changes the date format when files are opened in Excel.

Calculated Attributes

Scripted attributes in Account Reconciliation Manager (ARM), Close Manager (CM), and Supplemental Data Management (SDM), share a common library of calculation functions:

Function	Available In	Purpose
Average Over Prior Periods	ARM, SDM	Averages a numeric amount over the prior X periods.
Date Difference	ARM, CM, SDM	Returns the difference in days, hours, minutes, or seconds between two dates
Extract Text (SUBSTRING)	ARM, CM, SDM	Returns a string of text from within an attribute value, starting from a specified position

If Then Else	ARM, CM, SDM	Enables creation of scripted calculations using If/Then/Else conditions
Lower Case	ARM, CM, SDM	Returns the value of an attribute in lower case
Maximum	ARM, CM, SDM	Returns the maximum value from a list of attributes
Maximum Over Prior Periods	ARM, SDM	Returns the maximum value of an attribute over the prior X periods
Minimum	ARM, CM, SDM	Returns the minimum value from a list of attributes
Minimum Over Prior Periods	ARM, SDM	Returns the minimum value of an attribute over the prior X periods
Prior Period Value	ARM, SDM	Returns the value of an attribute from the specified prior period
Round	ARM, CM, SDM	Returns the value of an attribute rounded to the specified precision
Text Location (INSTRING)	ARM, CM, SDM	Returns the location of a string of text within the attribute value
Sum Over Prior Periods	ARM, SDM	Sums the value of an attribute over the prior X periods
Translate	ARM	Translates a currency attribute to a different currency
Uppercase	ARM, CM, SDM	Returns the value of an attribute in upper case

Calculated Attributes

- Assign Value to List: Assign a value to a list-type attribute (for example, to assign a numeric risk score to each reconciliation format)
- Assign List to Value: Assign a list value to some other type of attribute (for example, to normalize text values)
- Conditional: Perform if-then-else calculations

Rules

Rules affect the Close Manager workflow and can be assigned to Templates, Schedules, Task Types and Tasks. Workflow rules now include auto-submission and auto-approval of tasks as well as prevent submission and prevent approval.

Account Reconciliation Manager

Import Premapped Transactions

You can import transactions across multiple reconciliations at a time; for example, General ledger transactions comprising account balances, and reconciling items identified using external transaction matching applications.

Rules

Rules affect the Account Reconciliation Manager workflow and can be assigned to Formats, Profiles, or Profile Attributes. Workflow rules now include auto-submission and auto-approval of reconciliation as well as prevent submission, prevent approval, and require reconciliation attachments for submission or approval. Profile copy to period now supports rules for setting profile properties and attributes.

Supplemental Data Management

LCM Support

You can use LCM to migrate all artifacts except form instances and report definitions.

Script Editor for Calculation

You can now use an editor to create calculations.

Defects Fixed in this Patch

Defect Number	Defect Fixed
<ul style="list-style-type: none">• 21928349	<p>In Account Reconciliation Manager, after maintenance upgrade to 11.1.2.4.000 from 11.1.2.2.350+ or 11.1.2.3.xxx, list views show "User Id Invalid" for user columns with a team or group instead of Team/Group name. Clicking on the hyperlink displays User Details dialog with correct Team/Group name.</p> <p>NOTE:</p> <p>This patch should be applied immediately after upgrading to 11.1.2.4 while all of the Reconciliations are still closed.</p> <p>If the patch is applied after Reconciliations are open and claimed, the users may lose their claims in the following circumstances:</p> <ol style="list-style-type: none">1. A User claimed a Reconciliation, but has not submitted or approved it.2. A Reconciliation was rejected. <p>In either case, the user(s) will simply need to reclaim the Reconciliation.</p>
<ul style="list-style-type: none">• 21876489	<p>In Close Manager, when you import a template from a csv file containing more than 100 entries, the connection may fail and generate an error message.</p>
<ul style="list-style-type: none">• 21654570	<p>In Account Reconciliation Manager, Copy to Period was creating issues due to some fault in queries.</p>
<ul style="list-style-type: none">• 21654580	<p>In Account Reconciliation Manager, Copy to Period was creating issues due to an unbounded query.</p>
<ul style="list-style-type: none">• 21444061	<p>In Account Reconciliation Manager, when we rename currency bucket "Reporting" to "Translated" from FDME side, drill through does not work from ARM. It returns "NO DATA TO DISPLAY".</p>

Defect Number	Defect Fixed
• 21577461	In Close Manager, when you create a schedule from an embedded template you cannot override the HFM POV parameters.
• 21391947	In Account Reconciliation Manager, clicking release before saving or cancelling unsaved transaction causes deadlock.
• 21867151	Supplemental Data Manager has the following performance issues. It takes more than 60 seconds to switch from the workflow to the Access tab, or make changes to access, and deployments run for a number of minutes and then time out.
• 21239739	In Account Reconciliation Manager, when navigating to Manage, then Periods, the browser is suspended and a 503 error is returned.
• 21479716	In Account Reconciliation Manager, when a Preparer or Reviewer is reassigned a reconciliation with an org unit using the action panel, the due dates are recalculated without taking into account any non-working days which were part of the calculation for the original due date.
• 21452422	In Account Reconciliation Manager, you are not able to submit a reconciliation if a prior reconciliation is also open at same time.
• 21968250	In Account Reconciliation Manager, exporting transactions from one tab using formatted option exports transactions from the other tab.
• 22046642	In Close Manager, receive IllegalArgumentException/Illegal Group Reference when opening a schedule containing tasks with predecessors both inside and outside the schedule.

Defects Fixed in Patch 11.1.2.4.100

Common defects across modules

Defect Number	Defect Fixed
• 20334217	Financial Close Managed server uses up too much memory due to some inefficient queries.
• 20638017	In Financial Close Management, if you collapse 'My Worklist' panel, the state is not persisted between sessions.
• 20903526	In Financial Close Management, the basic filter panel shows incorrect numbers next to certain filter attributes.

Close Manager Defects

Defect Number	Defect Fixed
• 20530439	In Close Manager, a previously deleted custom attribute prevents creation of a new attribute with the same name.

Defect Number	Defect Fixed
• 20632463	In Close Manager Dashboard portlets, under the Schedule selection dialog, it is not possible to deselect all schedules with one click.
• 20933254	In Close Manager, an administrator cannot edit tasks in a base template if the edit task dialog was opened earlier for an embedded task in the same session.

Account Reconciliation Manager Defects

Defect Number	Defect Fixed
• 20205657	In Account Reconciliation Manager, when creating transactions, you will see a JBO error if you enter text of over 150 characters into the Short Description field.
• 20371421	In Account Reconciliation Manager, importing profiles from CSV file throws an exception when the 'Preparer Frequency' column is left blank.
• 20696431	In Account Reconciliation Manager, a reconciliation with auto-reconciliation method 'Balance match (# tolerance)' would auto-reconcile even though there is no balance loaded in some currency bucket.
• 20957140	In Account Reconciliation Manager, when creating a profile, an unbounded query runs, taking longer than usual, causing application to stop.
• 21092730	In Account Reconciliation Manager, if a reconciliation is set to enter balances manually, it is not possible to drill-through any balances that are loaded from ERPI.
• 21136131	In Account Reconciliation Manager, in some cases, incorrect attachments appear under the Instructions tab of the Format definition dialog.

Known Issues in this Patch

General Financial Close Management Issues

Internet Explorer 7/8

Defect Number	Known Issues
• 9356443	In Financial Close Manager, under certain heavy load conditions, a user session may freeze when using Internet Explorer. Workaround: Increase OHS: KeepAliveTimeout to 61 seconds.

ADF

Defect Number	Known Issues
• 13366076	In Financial Close Manager, in the View menu, you cannot scroll to the bottom of the list using "Scroll to last" of the tree table.
• 14695470	In Financial Close Manager, the time zone of some countries has been changed; therefore, the time zone displayed is not correct.

Common Issues Across Modules

Defect Number	Known Issues
• 20479340	In Account Reconciliation Manager and Close Manager, when you run the Validation tool in a tab in the same browser where a Workspace session is open, the Workspace session becomes invalid.
• 20928019	In Account Reconciliation Manager and Supplemental Data Management, a calculation attribute that references a value from a prior period, where that value itself is derived from a prior period, will error.
• 21164207	In Financial Close Management, LCM import of Filters fails if the filter has a condition involving an attribute which was imported as part of the same import session.
• 21169782	In Financial Close Management, the Report definition dialog allows you to select parameter type across modules, but selecting such parameter type shows an error dialog.
• 21244795	LCM import of Canned Reports fails when import mode is Replace All Workaround: Import Canned Reports in Replace mode.
• 20393868	In Financial Close Management, time conversions are incorrect for some time zones like Chinese (CST) where dates and times in Tasks and Reconciliations show incorrect data.

Close Manager Issues

Task Execution

Defect Number	Known Issues
• 9491182	In Close Manager, use abstract WSDL when you generate mediators to remove the dependency of a Web service being available when creating a System Automated Integration Type.
• 21069281	In Close Manager, special characters in the Rule 'Message to Assignee' results in error dialog.
• 21069883	In Close Manager, reopening a Task that was auto-submitted and auto-approved via Rules, triggers the rules again, thus closing the Task.

Task Details

Defect Number	Known Issues
<ul style="list-style-type: none">• 16746240	<p>In Close Manager, if an open task is assigned to an external user who no longer exists in the directory, you cannot edit the task.</p> <p>Workaround: Delete the task and recreate the task with a different user assignment.</p>

Account Reconciliation Manager Issues

Defect Number	Known Issues
<ul style="list-style-type: none">• 17981954	<p>In Account Reconciliation Manager, you cannot search or filter transactions on amount columns with correct results.</p>
<ul style="list-style-type: none">• 20861218	<p>In Account Reconciliation Manager, workflow rule execution does not retain profile rule definition if edited in reconciliation.</p>
<ul style="list-style-type: none">• 21274509	<p>In Account Reconciliation Manager, if preparer tries to add a transaction to a reconciliation while 'Copy Transactions from Prior Reconciliation' rule is running, the reconciliation would freeze momentarily.</p>

Supplemental Data Management Issues

Defect Number	Known Issues
<ul style="list-style-type: none">• 20768564	<p>In Supplemental Data Management, when posting from different form templates to POV's (with same Scenario, Year, Period, Entity and Account but different sparse dimensions) in HFM there will be multiple context menu items for drill back. Each will in turn open the correct Form from where it was posted.</p>
<ul style="list-style-type: none">• 20796722/ 20768028	<p>In Supplemental Data Management, editing a dataset while a form is open in another tab throws an error.</p> <p>Workaround: While editing a dataset, make sure no forms are open.</p>
<ul style="list-style-type: none">• 20797762	<p>In Supplemental Data Management, Calculation attributes based on prior-period do not work due to lack of pre-requisite data.</p> <p>Workaround: Go to Manage System Settings -> Periods and click on Save or Save and Close. This would generate the required data for prior-period calculations.</p>
<ul style="list-style-type: none">• 20963347	<p>In Supplemental Data Management, when you add a new currency with the same code as an existing one, an error appears along with the message indicating currency code should be unique.</p>
<ul style="list-style-type: none">• 21135395	<p>In Supplemental Data Management, when you re-install SDM Smart View client, old connections to SDM server will not work.</p> <p>Workaround: Create new connections to the SDM server.</p>

Applying this Patch

This section includes important information about applying this patch for Oracle Hyperion Financial Close Management.

CAUTION: Because of the extensive database changes that result from applying this patch, rolling back the patch is not supported. Before you apply the patch, be sure to perform an entire system backup.

NOTE: If you wish to, take a backup of Canned Reports folders in LCM import-export location (by default, `Oracle/Middleware/user_projects/epmsystem1/import_export`). Applying this patch will overwrite the existing reports with latest ones.

To apply this patch:

1. 1. All Financial Close Management patches should be installed on all the boxes that host the below managed servers:
 - o o Financial Close Management managed server
 - o o Foundation Services managed server
 - o o Admin server
 - o o SOA server
2. 2. Confirm the environment is running properly:

Windows:

Go to **Start**, then **Programs**, then **Oracle EPM System**, then **Foundation Services**, then **epmsystem1**, and then **EPM System Diagnostic**.

Linux:

Run this command:

```
<MIDDLEWARE_HOME>/user_projects/epmsystem1/bin/validate.sh
```

All tests should display PASSED.

3. 3. Stop Financial Close Managed Server, then stop the SOA Managed Server, and the Foundation Services Managed Server and then Admin Server.
4. 4. Download and unzip the downloaded patch file, `<PATCH FILE NAME>.zip`, to the `<EPM_ORACLE_HOME>/OPatch` directory (by default, `Oracle/Middleware/EPMSystem11R1/OPatch`).

NOTE: `<PATCH FILE NAME>.zip` is the name that My Oracle Support assigns to this patch. When you download the file, a message indicates the file name.

5. 5. On Financial Close Managed Server machine, from a command line, change the directory to `<EPM_ORACLE_HOME>/OPatch`.
6. 6. To apply the patch, enter the following command on one line:

Windows:

```
opatch.bat apply <EPM_ORACLE_HOME>/OPatch/<PATCH DIRECTORY > -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35
```

NOTE: The default for `<EPM_ORACLE_HOME>` is `C:/Oracle/Middleware/EPMSystem11R1`. The default for `<MIDDLEWARE_HOME>` is `C:/Oracle/Middleware`.

UNIX/Linux:

```
./opatch apply <EPM_ORACLE_HOME>/OPatch/<PATCH DIRECTORY > -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35 -invPtrLoc <EPM_ORACLE_HOME>/oraInst.loc
```

NOTE: The default for <EPM_ORACLE_HOME> is \$HOME/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE_HOME> is \$HOME/Oracle/Middleware.

7. 7. Ignore step 8 and 9 when Foundation Services Managed server and Financial Close Management Managed server are on the same machine.
8. 8. On the Foundation Services Managed server(s), from a command line, change the directory to <EPM_ORACLE_HOME>/OPatch.
9. 9. To apply the patch, enter the following command on one line:

Windows:

```
opatch.bat apply <EPM_ORACLE_HOME>/OPatch/<PATCH_DIRECTORY> -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35
```

Note: The default for <EPM_ORACLE_HOME> is C:/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE_HOME> is C:/Oracle/Middleware.

UNIX/Linux:

```
./opatch apply <EPM_ORACLE_HOME>/OPatch/<PATCH_DIRECTORY> -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35 -invPtrLoc <EPM_ORACLE_HOME>/oraInst.loc
```

Note: The default for <EPM_ORACLE_HOME> is \$HOME/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE_HOME> is \$HOME/Oracle/Middleware.

Post-installation Steps

1. At this point, you should have just run Opatch and all the servers are still shutdown. If not, please shut them down.
2. Start Admin Server, Foundation Services Managed Server, SOA managed server.
3. Wait for SOA Managed Server to be up and running.
4. On the Financial Close Management Managed server(s), open the command line window and change the directory to <EPM_ORACLE_HOME>\products\FinancialCloseManagement-Common\scripts
5. Set the environment variables:

Windows:

1. Set the EPM_ORACLE_INSTANCE environment variable by running the below command in the command line. Ensure that there is no space before and after =.

```
set EPM_ORACLE_INSTANCE=<MIDDLEWARE_HOME>\user_projects\<INSTANCE_NAME>
```

Example:

```
set EPM_ORACLE_INSTANCE=C:\Oracle\Middleware\user_projects\epmsystem1
```

UNIX/Linux:

1. Set the EPM_ORACLE_HOME environment variable by running the below command in the command line based on shell.

```
setenv EPM_ORACLE_HOME <MIDDLEWARE_HOME>\EPMSys11R1
```

or

```
export EPM_ORACLE_HOME=<MIDDLEWARE_HOME>\EPMSys11R1
```

Example:

```
setenv EPM_ORACLE_HOME \Oracle\Middleware\EPMSys11R1
```

2. Set the `EPM_ORACLE_INSTANCE` environment variable by running the below command in the command line based on shell.

```
setenv EPM_ORACLE_INSTANCE <MIDDLEWARE_HOME>\user_projects\<INSTANCE_NAME>
```

or

```
export EPM_ORACLE_INSTANCE=\Oracle\Middleware\user_projects\<INSTANCE_NAME>
```

Example:

```
setenv EPM_ORACLE_INSTANCE \Oracle\Middleware\user_projects\epmsys11
```

6. Run the database and SOA Deployment script:

In the same command line window, run the below command

Windows:

PS4101.bat

Linux:

PS4101.sh

NOTE: Make sure there are no errors displayed in the command window after execution of PS4101 script. If there are any, go to the **Troubleshooting** section below before contacting Oracle Support.

7. Start Financial Close Managed Server.
8. Confirm the environment is running properly after the patch has been applied:

Windows:

Go to **Start**, then **Programs**, then **Oracle EPM System**, then **Foundation Services**, then **epmsys11**, and then **EPM System Diagnostic**.

Linux:

Run this command: `<MIDDLEWARE_HOME>/user_projects/epmsys11/bin/validate.sh`

All tests should display PASSED.

9. Validating Close Manager Configuration:

- a. Launch the Close Manager validation tool from a web browser:
- b. `http://<FCMHOST>:<FCMPORT>/fcc/faces/oracle/apps/epm/fcc/ui/page/FCCValidation.jspx`

- c. Where *FCMHOST* is the name of the machine where FinancialClose0 managed server is configured and where *FCMPORT* is the Listening port of FinancialClose0 managed Server in the WebLogic console.
 - d. The default *FCMPORT* is 8700.
 - e. b. Log on with Close Manager administrator credentials.
 - f. c. To validate the Close Manager configuration, click the Validate Close Manager Configuration button.
 - g. d. All results should have check marks instead of an X.
 - h. e. To run validate the test schedule, click Validate Test Scheduler.
 - i. f. All results should have marked with check marks instead of an X.
 - j.
10. Validating Account Reconciliation Manager Configuration.
- k. a. Launch the Account Reconciliation Manager validation tool from a web browser:
 - l. `http://<FCMHOST>:<FCMPORT>/arm/faces/oracle/apps/epm/arm/ui/page/common/ARMValidation.jspx`
 - m. Where *FCMHOST* is the name of the machine where FinancialClose0 managed server is configured and where *FCMPORT* is the Listening port of FinancialClose0 managed Server in the WebLogic console.
 - n. The default *FCMPORT* is 8700
 - o. b. Log on with Account Reconciliation Manager administrator credentials.
 - p. c. To validate the Account Reconciliation Manager configuration, click the Validate Account Reconciliation Manager Configuration button.
 - q. d. All results should have check marks instead of an X.
 - r. e. To run validate the test schedule, click Validate Test Scheduler.
 - s. f. All results should have marked with check marks instead of an X.
11. All users should now clear cached files from their browsers.
12. Optionally import latest Canned Reports by running LCM import from Shared Services.

Documentation Updates

Online Help

This release includes translated 11.1.2.4 online help and English 11.1.2.4.100 PSU online help. The 11.1.2.4.100 PSU features are labeled in the online help.

Troubleshooting FAQs

Why do I get the following patch conflict error message when running OPatch?

If the patch that you apply conflicts with a previously applied patch, you may receive the following error message when running OPatch:

```
Patch(es) <PreviousPatch#> conflict with the patch currently being installed (<NewPatch#>).
```

If you continue, patch(es) <PreviousPatch#> will be rolled back and the new patch (<NewPatch#>) will be installed.

If a merge of the new patch (<NewPatch#>) and the conflicting patch(es) (<PreviousPatch#>) is required, contact Oracle Support Services and request a Merged patch.

This error is returned when one patch attempts to update a previously patched file. When this conflict happens, you can either (1) roll back the previous patch and apply the new patch (this action might be appropriate if the previous patch was not critical) or (2) request a "merged patch" consisting of the new patch and the patch that it conflicts with. To request a merged patch, contact your Oracle Support representative.

Why do I get the OUI-67078 warning message when applying OPatch?

This warning means that the patch being applied is a superset of a patch already on the deployment and the existing patch will be rolled back. The following snippet shows the context of this warning.

The following warnings have occurred during OPatch execution:

```
1) OUI-67078:Interim patch 12345678 is a superset of the patch(es) [77777777] in OH
C:\Hyperion
```

```
-----
OPatch Session completed with warnings.
```

How can I find out which releases and patches of EPM System products are installed in a deployment?

In EPM System Release 11.x, you can use the `lsinventory` command to OPatch to find the release and patches that are installed in an Oracle Home. For example, enter the following command on one line:

Windows:

```
opatch.bat lsinventory -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35
```

UNIX/Linux:

```
./opatch lsinventory -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_35 -
invPtrLoc <EPM_ORACLE_HOME>/oraInst.loc
```

I applied the patch successfully but I don't see the changes from the patch in the product. What should I do?

When patching an .EAR file for an application, you may need to delete the cached files in the following folders in order to see the changes provided with the patch:

```
<MIDDLEWARE_HOME>/user_projects/domains/<DOMAIN_NAME>/servers/
<MANAGED_SERVER_NAME>/tmp/
```

```
<MIDDLEWARE_HOME>/user_projects/domains/<DOMAIN_NAME>/servers/
<MANAGED_SERVER_NAME>/cache
```