

Oracle® Enterprise Performance Management System

Readme

Release 11.2.3.0.000

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Oracle Enterprise Performance Management System Release 11.2.3.0.000 Readme

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Purpose

This document includes important, late-breaking information about this release of Oracle Enterprise Performance Management System. Review this Readme thoroughly before installing EPM System.

Scope of this Release

Oracle Enterprise Performance Management System Release 11.2.x offers these benefits:

- Delivers updated technology, including Fusion Middleware (FMW) 12g.
- Includes updated platform certifications.

- Streamlines and simplifies the architecture, updating the underlying technology stack.
- Provides a simplified repository configuration to streamline infrastructure and architecture for the future.
- Premier Support is provided through at least 2030.

Release 11.2.x doesn't support the following features and products:

- Vertical scaling. Vertical scaling is not supported in Release 11.2.
- Oracle Hyperion EPM Architect isn't available in EPM System Release 11.2. If you're migrating to EPM System Release 11.2 and have Oracle Essbase, Oracle Hyperion Planning, Oracle Hyperion Profitability and Cost Management, or Oracle Hyperion Financial Management metadata in Performance Management Architect Release 11.1.2.4, you can migrate the metadata out of Performance Management Architect Release 11.1.2.4 into Oracle Data Relationship Management Release 11.2. See *Oracle Data Relationship Management Integrating Oracle Data Relationship Management Suite with Enterprise Performance Management*.
- Simplified Interface
- Smart Push isn't supported in this release. If you used Smart Push in Release 11.1.2.4, when you upgrade to 11.2, you can no longer use Smart Push.
- Oracle Hyperion Strategic Finance
- Oracle Crystal Ball (replaced by Predictive Planning)
- Oracle Enterprise Performance Management Mobile
- Offline Planning
- Oracle Hyperion Workforce Planning
- Oracle Hyperion Capital Asset Planning
- Oracle Project Financial Planning
- Oracle Hyperion Public Sector Planning and Budgeting
- Financial Management Analytics
- Quantitative Management and Reporting for Solvency
- Oracle Essbase Studio Console. Note that the Oracle® Essbase Studio Release 11.1.2.4 User's Guide does not apply to Release 11.2.x.
- Disclosure Management
- Oracle Hyperion Performance Scorecard
- Hyperion BI Plus is no longer available. However, if your use of Oracle Hyperion Financial Reporting was licensed through Planning, Financial Management, or Profitability and Cost Management, it is fully supported as part of those product offerings as established in the Lifetime Support Policy, and may **also** be used for reporting against **standalone** Essbase data sources.
- Oracle Hyperion Financial Close Management Release 11.2 doesn't support the following features.

- The ability to configure a content management system for Financial Close Management
- Financial Management integrations
- Event monitoring, automated integrations, and end-user integrations requiring integrated parameters
- Oracle Essbase Analytics Link. If you used Oracle Essbase Analytics Link 11.1.2.2.500 with Oracle Hyperion Financial Management 11.1.2.4, you can continue to use it with Oracle Hyperion Financial Management 11.2.x and Oracle Hyperion Tax Provision 11.2.x. Log on to My Oracle Support, search for and read Knowledge Document 2562089.1.

 **Note:**

EPM System Release 11.2 uses Essbase Release 11.1.2.4. When deployed with EPM System Release 11.2, Essbase Release 11.1.2.4 follows EPM System Release 11.2 certifications.

New Features in This Release

Related Topics

- [About the New Features in this Release](#)
- [New Features in Release 11.2.3](#)

About the New Features in this Release

This section includes new features in Release 11.2.3. To review the list of new features from earlier releases, use the Cumulative Feature Overview tool. This tool enables you to identify the products you own and your current implementation release. With a single click, the tool quickly produces a customized report of new feature descriptions. This tool is available here:

<https://apexapps.oracle.com/pls/apex/f?p=20620:1:0>

New Features in Release 11.2.3

EPM System New Features

Release 11.2.3 contains bug fixes for Windows and Linux only, support for TLS 1.2, and the ability to apply an update directly from Release 11.2.1 or Release 11.2.2. Check the [Oracle Enterprise Performance Management System Certification Matrix](#) for all platform requirements.

Installation Information

Late-breaking information about the installation of EPM System products is provided in this readme. Review this information thoroughly before installing EPM System products.

Complete instructions for installing this release are in the *Oracle Enterprise Performance Management System Installation and Configuration Guide*.

Note:

After installing Release 11.2.x, you must run the Repository Creation Utility and edit `RCUSchema.properties` on each machine in your environment before configuring with EPM System Configurator. For details, see *Creating Infrastructure Schemas Using Repository Creation Utility and Updating RCU Schema Properties*.

Supported Platforms

Related Topics

- [About Supported Platforms](#)
- [Browser Support](#)

About Supported Platforms

Information about system requirements and supported platforms for Oracle Enterprise Performance Management System products is available in spreadsheet format in the *Oracle Enterprise Performance Management System Certification Matrix*. This matrix is posted on the Supported Platforms Matrices page on Oracle Technology Network (OTN):

<https://www.oracle.com/middleware/technologies/bi-foundation/hyperion-supported-platforms.html>

Browser Support

EPM System does not have a browser version dependency; however, it is possible that the products that EPM System works with do have dependencies.

Check the *Oracle Enterprise Performance Management System Certification Matrix* and specific product readmes for any additional browser support requirements.

The matrix is posted on the Supported Platforms Matrices page on OTN:

<https://www.oracle.com/middleware/technologies/bi-foundation/hyperion-supported-platforms.html>

Supported Languages

Information about supported languages for Oracle Enterprise Performance Management System products is available in spreadsheet format on the Translation Support tab in the *Oracle Enterprise Performance Management System Certification Matrix*. This is posted on the Supported System Configurations page on OTN:

<https://www.oracle.com/middleware/technologies/bi-foundation/hyperion-supported-platforms.html>

Supported Paths to this Release

- **Release 11.1.2.4.** You can upgrade Oracle Enterprise Performance Management System Release 11.1.2.4 products to Release 11.2.x. To update your existing applications, you deploy EPM System Release 11.2.x software on a new machine and then migrate EPM System Release 11.1.2.4.xxx artifacts (such as applications, metadata, and security) and data to the new deployment. See *Upgrading EPM System in the Oracle® Enterprise Performance Management System Installation and Configuration Guide*.
- **Release 11.2.2.** To move from EPM System Release 11.2.2 to Release 11.2.3, use the **Apply Update** option in EPM System Installer. See *Applying an Update to EPM System Products in the Oracle® Enterprise Performance Management System Installation and Configuration Guide*.
- **Release 11.2.1.** To move from EPM System Release 11.2.1 to Release 11.2.3, use the **Apply Update** option in EPM System Installer. See *Applying an Update to EPM System Products in the Oracle® Enterprise Performance Management System Installation and Configuration Guide*.
- **Release 11.2.0.** To move from EPM System Release 11.2.0 to Release 11.2.3, first apply the update to move to Release 11.2.2, and then apply the update to move from Release 11.2.2 to Release 11.2.3. See *Applying an Update to EPM System Products in the Oracle® Enterprise Performance Management System Installation and Configuration Guide*.

Compatibility

EPM System supports the Oracle Enterprise Performance Management System product versions listed in the Release Compatibility tab in the *Oracle Enterprise Performance Management System Certification Matrix*. This matrix is posted on the Supported Platforms Matrices page on OTN:

<https://www.oracle.com/middleware/technologies/bi-foundation/hyperion-supported-platforms.html>

Defects Fixed in Release 11.2.x

Related Topics

- [Installation and Deployment Defects Fixed](#)

- [Calculation Manager Defects Fixed](#)
- [EPM Workspace Defects Fixed](#)
- [FDMEE Defects Fixed](#)
- [Financial Close Management Defects Fixed](#)
- [Financial Management Defects Fixed](#)
- [Financial Reporting Defects Fixed](#)
- [Planning Defects Fixed](#)
- [Profitability and Cost Management Defects Fixed](#)
- [Shared Services Defects Fixed](#)
- [Tax Governance Defects Fixed](#)
- [Tax Provision Defects Fixed](#)

Installation and Deployment Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following installation and deployment defects:

- 31546643 - Oracle Hyperion Enterprise Performance Management System Lifecycle Management now works with Chrome 83.0.XX.
- 31371499 - After installing Oracle Enterprise Performance Management System Release 11.2.2 using the **Apply Update** option, you must update the Oracle Hyperion Financial Management schema by launching a script (*DBtype_from_11.2.1.0.000_to_11.2.2.0.000_SchemaUpgrade.sql*). In Release 11.2.3, you update the schema using EPM System Configurator.

Defects Fixed in Release 11.2.2

Release 11.2.2 resolves the following installation and deployment defect:

31036144, 31011584 - References to unused version of Struts 1.2.9 no longer remain in the deployment environment or in the user interface after installation.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following installation and deployment defect:

30619061 - FDMEE deployment fails on Windows. When installing products with EPM System Installer, install all products at one time for each machine in the environment. You can't install one or more products first and then install another product later.

Calculation Manager Defects Fixed

Defects Fixed in Release 11.2.3

There are no Oracle Hyperion Calculation Manager defects fixed in Release 11.2.3.

Defects Fixed in Release 11.2.2

There are no Calculation Manager defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Calculation Manager defect:

30822639 -- Single managed Web Logic server deployment for Oracle Hyperion Planning along with Oracle Hyperion Calculation Manager now works correctly.

EPM Workspace Defects Fixed

Defects Fixed in Release 11.2.3

There are no Oracle Hyperion Enterprise Performance Management Workspace defects fixed in Release 11.2.3.

Defects Fixed in Release 11.2.2

Release 11.2.2 resolves the following EPM Workspace defect:

31317474 -- Previous EPM Workspace releases used Ctrl-Shift-T to move the focus to the toolbar and Ctrl-Shift-N to create a new document. Browsers have since started using these key sequences to open a new browser tab and a new incognito window, so this release changes them. The new sequence used to move the focus to the toolbar is Ctrl-Shift-A. The new sequence to create a new document is Ctrl-Shift-E.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following EPM Workspace defects:

- 30833013 -- You no longer receive warning messages when setting preferences.
- 30800435 -- The Predictive Planning download is now removed from the Tools menu.
- 30657663 -- You no longer receive warning messages while setting preferences for admin users.
- 29754398 -- The Change Owner button is now disabled for users with the viewer role.
- 29750187 -- You can no longer assign different access control permissions to the same user.

FDMEEE Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Financial Data Quality Management, Enterprise Edition defect:

31234055 - Data is now exported correctly to the .DAT file when using the Open Interface Adapter as a source.

Defects Fixed in Release 11.2.2

There are no FDMEE defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

There are no FDMEE defects fixed in Release 11.2.1.

Financial Close Management Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Financial Close Management defects:

- 31530153 – Lifecycle Management (LCM) files that contain multiple objects are now exported with timestamps.
- 31420915 – Several performance and stability fixes have been implemented to archiving.

Defects Fixed in Release 11.2.2

There are no Financial Close Management defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

There are no Financial Close Management defects fixed in Release 11.2.1.

Financial Management Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Financial Management defects:

- 24657984 – You can now add documents to Favorites.
- 28680173 - Large Smart View sheets with many HsGetText functions no longer cause Financial Management to run out of TCP/IP ports.
- 30640700 - If an LCM snapshot is taken when a PFLOW table exists without a corresponding PFLOWH table in the application database, you can now restore that snapshot successfully.

- 30845986 - In distributed environments, you can now open an application the first time without any issues.
- 24388430, 30920116 - Adding a form from a Tasklist to Favorites now works correctly if the form is under a folder.
- 31070500 - Metadata load files with invalid characters no longer cause very slow loads.
- 31079836 - If the Application Upgrade Utility is run before an application is opened on a new installation, the EPM_ORACLE_INSTANCE\diagnostic\logs folder now exists.
- 31105152 - When restarting the HFM Java Service, XfmDataSource instances that are already running will continue to do so.
- 31143880 - Scalc function now gives correct results when the regional settings do not use US decimal and thousands separators.
- 31148452 - With a Smart View sheet opened, when metadata is loaded, refreshing the sheet now causes displayed data to remain.
- 31175845 - When extracting data to a database using TaskFlows, when Dynamic Accounts are selected, they are now extracted correctly.
- 31225545 - After upgrading an application from 11.1.2.3 or 11.1.2.4, you can now open Manage Journals successfully.
- 31261444 - When the browser language is non-English, you can now post a journal successfully.

Defects Fixed in Release 11.2.2

Release 11.2.2 resolves the following Financial Management defects:

- 31394519 - Data is retained after you upload metadadata and refresh the database.
- 31371499 - You can now use over 50 characters in the database name field.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Financial Management defects:

- 30878222 - Task audit for posted and unposted journals now includes the POV description.
- 22874380 - The Import Application admin task is now translated to Japanese.
- 22922666 - The Stop icon for the rules profile is now translated to Japanese.
- 30597634 - When you click the Reset button on the Load Data page, errors no longer occur.
- 30473653 - In the Intercompany Manager module, filtering and member selection now work correctly for non-admin users.
- 30599404 - For Intercompany transactions, when the system is idle for 30 minutes, the system correctly displays a timeout message.

- 30563714 - The ADF logs no longer display warning messages about the session interface.
- 30655855 - When loading documents, the Document Type is now displayed.
- 30656081 - In data grids, the system correctly shows No data to display without the row heading when Suppress No Data is selected.
- 30154410 - Cell information is now displayed without errors.
- 30215359 - The Task audit logs no longer display blank entries.
- 30633972 - Opening Consolidation Administration, System Messages no longer produces errors.
- 30729143 - The UseCalcStatusCacheDuringConsol configuration setting has been added.
- 30579442 - When you refresh a Smart View Adhoc worksheet, an invalid item error no longer occurs.
- 30668389 - Logging has been added for the mailer send function.
- 30837904 - Intercompany Reports run as expected after upgrading to 11.1.2.4.
- 30879668 - After upgrading to 11.2 for an application that used EPMA, the security and metadata load options work correctly.
- 30884901 - Task audit for posted and unposted journals now includes the POV description.
- 21900002 - You can assign a user with all security classes when there are more than 100 security classes.
- 30532348 - When you load application elements and select member lists during the load process, errors no longer occur.
- 30633571 - After creating an application, the XfmDataSource server process is now visible.
- 30065194 - Accessing an application after services restart no longer produces an error.
- 21913006 - After data loads, temp files are now cleared in the HFM Server working folder.
- 30567789 - The Copy/Paste right-click menu within the Submission Phases table now works properly.
- 30644654 - When creating a folder while selecting the Security Class folder, an unexpected error no longer occurs.
- 30574562 - When you re-select the cell menu in Process Control, an unexpected error no longer occurs.
- 30594283 - When you click Refresh in Manage Journals, an unexpected error no longer occurs.
- 30599527 - When you click Refresh in Running Tasks, an unexpected error no longer occurs.
- 30612953 - In Process Control, you can now change the cell after navigating from Manage Journals.

- 30644776 - You can move an account from the Journal table to the POV.
- 30675159 - In Task Flows, when you run the Calculate task flow, the entry displays correctly in the audit log.
- 30777520 - Extract Security now correctly extracts the security class access.
- 30891066 - Large data grids now open successfully without errors.

Financial Reporting Defects Fixed

Defects Fixed in Release 11.2.3

There are no Oracle Hyperion Financial Reporting defects fixed in Release 11.2.3.

Defects Fixed in Release 11.2.2

There are no Financial Reporting defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Financial Reporting defects:

- 30567762 -- The first time you change the chart properties for a chart in Oracle Hyperion Financial Reporting Web Studio, it causes a "Subscript out of range" error.
- 30567441 -- The Chart Format Utility in Web Designer does not save the modified step adjustment.
- 30473585 -- The Chart Format Utility in Web Designer does not save various settings.

Planning Defects Fixed

Defects Fixed in Release 11.2.3

There are no Oracle Hyperion Planning defects fixed in Release 11.2.3.

Defects Fixed in Release 11.2.2

Release 11.2.2 resolves the following Planning defect:

31057904—When importing Planning artifacts from 11.1.2.4 to 11.2, a timestamp format error for cell text no longer occurs.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Planning defect:

30885453—Planning Service fails to start in compact deployment mode.

Profitability and Cost Management Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Profitability and Cost Management defects:

- 31753598 - In Trace Allocations for Management Ledger applications, when doing a backwards trace on a calculation that had an alternative offset, the node would display a value that was double the actual value because it was combining the allocation offset amount and allocation out. Now, the correct value is displayed when alternate offsets are involved.
- 31555438 - For Management Ledger applications, when the Template Import job cannot create and deploy the Oracle Essbase cube for the imported application, the job now completes with *Success with Warnings* and an appropriate error message, rather than as *Success* with no message about the failure to deploy the cube.
- 31560568 - For Management Ledger applications, in the Model Summary screen, the Essbase Cluster value was editable but was not showing the valid values in the environment other than the current value, so there was no way to select a different value in order to correct an incorrect value. That problem is resolved in this release.
- 30575404 - For Management Ledger applications, the Essbase Cluster application preference used to be included in exported template files and was always used during template import, leaving no option to select a different value during import into another environment. In this release, the Essbase cluster value is enabled to select in the application creation dialog box, from the list of Essbase clusters that are present in the current environment. This improves the portability of template export files from one environment to another, and aids in the migration of Management Ledger applications from previous releases or to Oracle Enterprise Performance Management Cloud.

Defects Fixed in Release 11.2.2

There are no Profitability and Cost Management defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Profitability and Cost Management defects:

- 30830579 -- From the Profitability Applications console, creating a new Detailed Profitability application using the Native method was blocked by an error in the New Application dialog; that error is fixed in this release.
- 30793278 -- For Management Ledger applications, the Rule Sets and Rules tab in Model Validation was initially only showing the first 6 errors; the remaining error lines were displayed only after clicking the Query by Example icon. In this release, all of the errors are shown directly after running the validation, as expected.

- 30776134 -- The Export Dimension feature in the Profitability Applications console was creating a comma-separated-values (csv) dimension text file with correctly-formatted contents, but without the expected ".csv" file suffix. In this release, the Export Dimensions feature correctly creates the dimension text file with the .csv file suffix.
- 30774672 -- For Standard Profitability applications, in the Manage Queries screen, changes to the Suppress #Missing and the Dimension Aliases check boxes were not correctly saved; that problem is fixed in this release.
- 30665293, 30670795 -- For Standard Profitability applications, the Job Status => Search Task screen was not accessible; it is restored in this release.

Shared Services Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Shared Services defects:

Defects Fixed in Release 11.2.2

There are no Shared Services defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

Release 11.2.1 resolves the following Shared Services defects:

- 30652318 - Firefox no longer displays the `There is no Action mapped for namespace {/framework/audit}` error message when you click **View Audit Report** after selecting artifacts in the **Artifact List** tab of Oracle Hyperion Shared Services Console.
- 30202186 - You no longer receive the `Fatal Error: Error initializing network` message after configuring SSL between Oracle Essbase and Oracle Enterprise Performance Management System using the procedures available in the *Oracle Enterprise Performance Management System Security Configuration Guide*.

Tax Governance Defects Fixed

Defects Fixed in Release 11.2.3

Release 11.2.3 resolves the following Oracle Hyperion Tax Governance defects:

- 31530153 – Lifecycle Management (LCM) files that contain multiple objects are now exported with timestamps.
- 31420915 – Several performance and stability fixes have been implemented to archiving.

Defects Fixed in Release 11.2.2

Release 11.2.2 resolves the following Tax Governance defect:

30560073 - The Smart View Tax Extension does not install properly on a Windows 10, Office 32 bit machine.

Defects Fixed in Release 11.2.1

There are no Tax Governance defects fixed in Release 11.2.1.

Tax Provision Defects Fixed

Defects Fixed in Release 11.2.3

There are no Oracle Hyperion Tax Provision defects fixed in Release 11.2.3.

Defects Fixed in Release 11.2.2

There are no Tax Provision defects fixed in Release 11.2.2.

Defects Fixed in Release 11.2.1

There are no Tax Provision defects fixed in Release 11.2.1.

Known Issues in Release 11.2.3

Related Topics

- [About Known Issues](#)
- [Installation and Deployment Known Issues](#)
- [Calculation Manager Known Issues](#)
- [EPM Workspace Known Issues](#)
- [FDMEE Known Issues](#)
- [Financial Close Management Known Issues](#)
- [Financial Management Known Issues](#)
- [Financial Reporting Known Issues](#)
- [Planning Known Issues](#)
- [Profitability and Cost Management Known Issues](#)
- [Shared Services Known Issues](#)
- [Tax Governance Known Issues](#)
- [Tax Provision Known Issues](#)

About Known Issues

The topics in this section contain the noteworthy known issues of this release.

Installation and Deployment Known Issues

Installation and deployment in Release 11.2.3 includes the following known issues:

- 31905734 – After installing Oracle Enterprise Performance Management System, if you are using SSL, you must install an Oracle HTTP Server patch from the following location: [OHS Patch Download Location](#)
- 31905082 - In an SSL environment, when exporting artifacts, the migration status report shows the status `Failed` and the error: `EPMLCM-13000: Service currently not available.`

Workaround:

Add a directive to the `ssl.conf` file of Oracle HTTP Server:

```
</IfModule>
LimitRequestLine 20000
</VirtualHost>
</IfModule>
```

- 31872664 - Oracle Essbase configuration fails when using MS SQL Server and SSL. `SQLSERVER` using SSL is not supported for RCU.
- 31882366 - Oracle Hyperion Financial Data Quality Management, Enterprise Edition deployment fails on Linux. When installing products with EPM System Installer, install all products at one time for each machine in the environment. You can't install one or more products first and then install another product later.
- 31759220 - Oracle Hyperion Enterprise Performance Management System Diagnostics doesn't work after installing EPM System using the Standard Deployment process.

Workaround:

Run EPM System Configurator again and select the top level task for Hyperion Foundation. After configuration is complete, you can start EPM System Diagnostics.

- 31537391 - Reconfiguring EPM System to use an SSL-enabled database, or other options available in Advanced Database Options, does not work.

Workaround:

You can configure an SSL-enabled database during first-time EPM System configuration.

- 31476519 - When reconfiguring EPM System using EPM System Configurator, if you cancel the configuration on the Configuration screen, four files are deleted (`configtool.bat`, `start.bat`, `stop.bat`, and `setEnv.bat`), and you can't start EPM System Diagnostics.

Workaround:

Run EPM System Configurator again and select the top level task for Hyperion Foundation. After configuration is complete, you can start EPM System Diagnostics.

- 31311799, 30758691 - You can't connect to Essbase Server from Oracle Essbase Administration Services; you can't log in to Administration Services Console.

Workaround:

1. Navigate to `/refresh/home/Oracle/Middleware/wlserver/server/lib`.
2. Back up `weblogic.policy`.
3. Edit `weblogic.policy` using these lines at the end of the file:

```
grant codeBase
"file:
/refresh/home/Oracle/Middleware/EPMSysstem11R1/products/
Essbase/eas/server/lib/
eascsf.jar" {
permission java.security.AllPermission;
};
```

4. Save the file.
5. Restart all the services.

When you launch Administration Services Console, you can successfully log in.

- 31524199 - EPM System Diagnostics doesn't report on all products in a distributed environment that were installed using the **Apply Update** option.
- 31395782 - On Linux computers, silent mode EPM System Configuration works if executed manually. Silent mode configuration using scripting tools may not run reliably.
- 31422089 - You can't configure Microsoft SQL Server with the Windows authentication option.
- 31181551 - On Linux, you can't deploy to a single managed server in silent mode when the `<auto_port_tick>` parameter is set to `false`. To work around this issue, set the `<auto_port_tick>` parameter to `false`: `<auto_port_tick>true</auto_port_tick>`.
- 31057630 - The **Apply Update** installation option in EPM System Installer doesn't work using silent installation.
- 30779559 - Installation of Oracle HTTP Server (OHS) fails without giving an error. Then, when configuring with EPM System Configurator, the Web Server configuration task for Oracle HTTP Server (OHS) fails.

Workaround:

After downloading files from EDelivery, extract EPM files to a folder that is nested at least one level under another folder.

- 30651523 - Changing database details - You can't change database details for EPM System and RCU databases after configuration.
- 30647112 - IIS - Using IIS as the Web Server does not work.
- 31707007 - When upgrading from Release 11.1.2.4 or Release 11.1.2.4.700 to Release 11.2.x, Oracle Hyperion Financial Reporting provisioning information is not migrated.

Workaround: See [Migrating Financial Reporting Provisioning Information After Upgrading from Release 11.1.2.4 or Release 11.1.2.4.700](#).

Migrating Financial Reporting Provisioning Information After Upgrading from Release 11.1.2.4 or Release 11.1.2.4.700

31707007 - When upgrading from Release 11.1.2.4 or Release 11.1.2.4.700 to Release 11.2.x, Oracle Hyperion Financial Reporting provisioning information is not migrated.

Workaround:

Note:

Prerequisites: Complete these steps after completing the upgrade steps described in Upgrading EPM System in the *Oracle Enterprise Performance Management System Installation and Configuration Guide*.

1. Use Oracle Hyperion Enterprise Performance Management System Lifecycle Management in the Release 11.1.2.4 environment to export provisioning information for Financial Reporting:
 - a. Log in to Oracle Hyperion Enterprise Performance Management Workspace.
 - b. From the **Navigate** menu, select **Administer**, and then select **Shared Services Console**.
 - c. In the View pane, expand the **Application Groups** node, expand the **Foundation** application group, and then select **Shared Services**.
 - d. Expand **Native Directory**, expand **Assigned Roles**, and then select **Reporting and Analysis**.
 - e. In the **Export** dialog box, in **File System Folder**, enter a meaningful name for the artifacts to be exported.
 - f. Expand the **File System** node in Shared Services Console, right-click the Shared Services folder you created, and then select **Download**.
 - g. In the **File Download** dialog box, click **Save** to save the application artifacts as a ZIP file.

The entire contents of the ZIP file is downloaded as one file.
2. Extract the Reporting and Analysis file into another location.

You can find the extracted file in: HSS-Shared Services\resource\Native Directory\Assigned Roles\Reporting and Analysis\Reporting and Analysis.csv.
3. Rename the file to Document Repository.csv.
4. Convert the contents of the file using the following guidelines, and then save the file:

Table 1-1 Conversion Guidelines

Row in Provisioning File	Previous Content	Modifications Needed
Column A	project_name	Change Reporting and Analysis to Default Application Group
Column B	application_name	Change Reporting and Analysis to Document Repository
Column C	role_id	Change the previous role IDs to new Document Repository roles. See details in Table 2 .
Column D	product_type	Change HAVA-11.1.2.0 to DOCREP-11.1.2.0

Table 1-2 Conversion Map for Converting the Previous Role IDs to New Document Repository Roles

Reporting and Analysis Roles	Reporting and Analysis ID	Document Repository Roles	Document Repository Id
Reporting and Analysis Administrator	native:// DN=cn=HAVA:0ad72237-003a-0d59-000000e4d26d0855,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Administrator	native:// DN=cn=DOCREP:0001,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Reporting and Analysis Global Administrator	native:// DN=cn=HAVA:0ad72237-0038-0d59-000000e4d26d0855,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Administrator	native:// DN=cn=DOCREP:0001,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Content Manager	native:// DN=cn=HAVA:0ad72262-0001-0f0c-000000eeb76a5b15,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Report DesignerScheduler	native:// DN=cn=DOCREP:0002,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Schedule Manager	native:// DN=cn=HAVA:0ad7030e-0000-0741-000000eb95ca423f,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Scheduler	native:// DN=cn=DOCREP:0003,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Provisioning Manager	native:// DN=cn=HUB:2,ou=HUB,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Security Administrator	native:// DN=cn=DOCREP:0004,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE

Table 1-2 (Cont.) Conversion Map for Converting the Previous Role IDs to New Document Repository Roles

Reporting and Analysis Roles	Reporting and Analysis ID	Document Repository Roles	Document Repository Id
Content Publisher	native:// DN=cn=HAVA:0ad72262-0000-0f5a-000000ea55995559,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Security Administrator	native:// DN=cn=DOCREP:0004,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Report Designer	native:// DN=cn=HAVA:0000010284fe764f-0000-10d4-ac1b10af,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Designer	native:// DN=cn=DOCREP:0005,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Scheduler	native:// DN=cn=HAVA:0ad7030e-0000-0741-000000eb95c6c295,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Scheduler	native:// DN=cn=DOCREP:0003,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Explorer	native:// DN=cn=HAVA:0ad72262-0000-0f5a-000000ea5598b293,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Viewer	native:// DN=cn=HAVA:00000f6667e354f-0000-0927-0ad50130,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Data Editor	native:// DN=cn=HAVA:0000010285065ff9-0000-10d4-ac1b10af,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE This role is no longer used and can be removed.

Table 1-2 (Cont.) Conversion Map for Converting the Previous Role IDs to New Document Repository Roles

Reporting and Analysis Roles	Reporting and Analysis ID	Document Repository Roles	Document Repository Id
IR HTML	native:// DN=cn=HAVA:00000 11ed1cd5c8f-0000-4 dc0-0a8f1415,ou=HA VA,ou=Roles,dc=css, dc=hyperion,dc=com? ?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Trusted Application	native:// DN=cn=HAVA:00000 0f546a526ee-0000-0 97f-0ad722a0,ou=HA VA,ou=Roles,dc=css, dc=hyperion,dc=com? ?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Job Manager	native:// DN=cn=HAVA:0ad70 30e-0000-0741-0000 00eb95c23f2c,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:00 06,ou=DOCREP,ou= Roles,dc=css,dc=hyp erion,dc=com?ROLE
IR WebClient	native:// DN=cn=HAVA:00000 11ed1cf2e7a-0000-4 dc0-0a8f1415,ou=HA VA,ou=Roles,dc=css, dc=hyperion,dc=com? ?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Interactive reporting	native:// DN=cn=HAVA:0ad72 219-0001-0e85-0000 00ef77080c0e,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Dynamic Viewer	native:// DN=cn=HAVA:0ad72 262-0001-0fb6-0000 00ebd6f183c8,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE

Table 1-2 (Cont.) Conversion Map for Converting the Previous Role IDs to New Document Repository Roles

Reporting and Analysis Roles	Reporting and Analysis ID	Document Repository Roles	Document Repository Id
Personal Parameter Editor	native:// DN=cn=HAVA:00000 102850a3601-0000-1 0d4- ac1b10af,ou=HAVA,o u=Roles,dc=css,dc=h yperion,dc=com? ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Personal Page Editor	native:// DN=cn=HAVA:00000 0fdb302af3-0001-0b 56-0ad72247,ou=HA VA,ou=Roles,dc=css, dc=hyperion,dc=com ?ROLE'	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Smart Form Publisher	native:// DN=cn=HAVA:00000 101baaaf408-0001-0 83d- ac1b10de,ou=HAVA, ou=Roles,dc=css,dc= hyperion,dc=com? ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Job Runner	native:// DN=cn=HAVA:0ad70 30e-0000-06ab-0000 00eb95531eec,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Analyst	native:// DN=cn=HAVA:0ad72 262-0000-0fb6-0000 00ebd6f20ac8,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE
Personal Page Publisher	native:// DN=cn=HAVA:0ad70 30e-0000-0741-0000 00eb95be09f5,ou=H AVA,ou=Roles,dc=cs s,dc=hyperion,dc=co m?ROLE	Viewer	native:// DN=cn=DOCREP:000 6,ou=DOCREP,ou=R oles,dc=css,dc=h yperion,dc=com? ROLE

Table 1-2 (Cont.) Conversion Map for Converting the Previous Role IDs to New Document Repository Roles

Reporting and Analysis Roles	Reporting and Analysis ID	Document Repository Roles	Document Repository Id
Job Publisher	native:// DN=cn=HAVA:0ad7030e-0000-0741-000000eb95c08d26,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Data Source Publisher	native:// DN=cn=HAVA:0ad7030e-0000-07b1-000000eb96bfd765,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE
Favorites Distributor	native:// DN=cn=HAVA:00000f6667e7da2-0000-0927-0ad50130,ou=HAVA,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE'	Viewer	native:// DN=cn=DOCREP:0006,ou=DOCREP,ou=Roles,dc=css,dc=hyperion,dc=com?ROLE

5. Copy the file to a location accessible to the Release 11.2 environment.
6. In the Release 11.2.x environment, use Lifecycle Management to import the Document Repository Roles into Release 11.2.x:
 - a. In EPM Workspace, from the **Navigate** menu, select **Administer**, and then select **Shared Services Console**.
 - b. In the View pane, expand the **Application Groups** node, expand the **Foundation** application group, and then select **Shared Services**.
 - c. Expand **Native Directory**, expand **Assigned Roles**, expand **Default Application Group**, and then select **Document Repository**.
 - d. Right-click **Document Repository**, then select **Import after Edit**, and then select the modified file to import.
7. Confirm that the Financial Reporting users and roles are provisioned for Release 11.2.x.

Calculation Manager Known Issues

There are no Oracle Hyperion Calculation Manager known issues in Release 11.2.3.

EPM Workspace Known Issues

Oracle Hyperion Enterprise Performance Management Workspace Release 11.2.3 includes the following known issues:

- 31475270 -- Files and folders which have Full Control or Modify permissions set on them cannot have their Name or Description fields edited unless the user has either the Administrator or Security Administrator role.
- 31463752 -- Imported HTML files render as plain text documents instead of as properly-formatted HTML files.
- 31379347 -- When you use Chrome/Edge to open Related Content links in a Oracle Hyperion Financial Reporting report in EPM Workspace, an empty window is opened instead. The links work correctly if launched from Oracle Hyperion Financial Reporting Web Studio, or if you are using Mozilla Firefox.

FDMEEE Known Issues

There are no Oracle Hyperion Financial Data Quality Management, Enterprise Edition known issues in Release 11.2.3.

Financial Close Management Known Issues

Oracle Hyperion Financial Close Management Release 11.2.x includes the following known issue:

30489124 - Issue with Deployment of Forms with Large Entity List. When deploying a form that contains a large number of entities to collect data for a big data set with a large number of attributes, the deployment process does not complete in a timely manner.

Financial Management Known Issues

Oracle Hyperion Financial Management Release 11.2.3 includes the following known issues:

30589111 - Configuring the Financial Management Database using an SSL Connection

If you configure the Financial Management database by using SSL connection, an error occurs while accessing the Consolidation Administration feature. This issue occurs because the JDBC datasource named "hfm_datasource" that is created during installation cannot connect to the Oracle database on the SSL-enabled port because the necessary properties were not added to the datasource during creation.

Workaround: You must manually define the necessary properties for the JDBC connection using the WebLogic admin console.

1. Log into the WebLogic admin console.
2. Click the **Lock and Edit** button to make changes to the domain configuration.
3. Select **Data Sources** in the **Services** section to display all of the datasources defined within the domain.
4. Click on `hfm_datasource` to edit the datasource configuration.

5. Click the **Connection Pool** subtab to edit the connection parameters.
6. Add `javax.net.ssl.trustStore={path to the trust store}` to the multiline text field titled **Properties**.
7. Add `javax.net.ssl.trustStorePassword={trust store password}` to the multiline text field titled **Encrypted Properties** using the **Add Securely** button.
8. Click **Save**.
9. Click the **Activate Changes** button.
10. Click the **Lock & Edit** button to make changes to the domain configuration.
11. Under **Environment**, select **Server**.
12. Select `HFMWeb0`.
13. Select the **Control** tab.
14. Select an option from the **Shutdown** drop down list.
15. Select **Start** when `HFMWeb0` has shut down.
16. Click the check box next to `HFMWeb0` if it is not already checked.
17. Click the **Release Configuration** button.

As a best practice, you should restart the Financial Management services to ensure that Financial Management uses the proper datasource definitions.

Custom Link Change

Starting with both Financial Management Release 11.1.2.4.210 and Release 11.2.3, it is no longer possible to directly open the documents referenced by custom links. You must first download the document to your computer and then open the document with the associated application. Note that the icon to directly open custom links is now unavailable.

Additional Known Issues

- 30111740 – The data audit report shows the system date/time, but after exporting it to Excel, the time changes.
- 29204346 – Consolidations and Intercompany reports run slowly.
- 28121621 – In SSL-enabled environments, the Java server service does not start.
- 25949243 - Member search is not working in Smart View Data Form member selection.
- 25889901 – After upgrading the application from 11.1.2.2.500 to 11.2.x, performing Data Extract for the same POV takes significantly more time compared to 11.1.2.2.
- 24824013 - Lifecycle Management application snapshots fail unless the Financial Management MSSQL user is a member of sysadmin.
- 24811074 - Financial Data Management Enterprise Edition may attempt to load to the wrong cluster in a multi-cluster environment.

- 24659554 - A large number of Invalid session ID error messages display in ODL log and system messages.
- 23198687 - Consolidations run from Taskflow that take longer than 2 hours are resubmitted.
- 22891539 - You cannot extract data for dynamic accounts.
- 22874615 - In Smart View, performing "Zoom In --> All Levels" on ad-hoc grids causes improper indentation for dimension members in alternate hierarchies.
- 22248543 – In Release 11.2.x, opening linked forms and scrolling down causes performance issues.
- 21835771 - After an apparently successful export from Financial Data Management Enterprise Edition, when Financial Data Management Enterprise Edition and Financial Management are deployed to a different EPM_ORACLE_INSTANCE on the same server, the data is not actually imported.
- 20989090 - You cannot unlock multiple periods by using SHIFT select to select multiple periods. Using CTRL+Select does allow for multiple periods to be unlocked.
- 20371621 – When using integrated user authentication for SQL, the Financial Management HSX server does not start after installation and configuration.
- 19242702 – The base Intercompany Partner member is not being extracted correctly in the Intercompany Partner report.

Financial Reporting Known Issues

Oracle Hyperion Financial Reporting Release 11.2.3 includes the following known issues:

- 31715305 -- Data values are not seen in line charts in reports
- 21566566 -- If an entire row is merged in an Financial Reporting report, it will be lost when exported to Microsoft Excel in Fully Formatted mode.

Planning Known Issues

Oracle Hyperion Planning Release 11.2.3 includes the following known issues:

- 31216871—YEARS DIMENSION DISPLAYS VERSION MEMBERS WHEN NAVIGATE FROM VER DIM TO YEAR IN OUTLINE. When you navigate to the Years dimension after viewing the Version dimension, the system displays the Version dimension members under the Years dimension. But if you navigate to any other dimension and then navigate back to the Years dimension, the correct Years dimension members are displayed.

Workaround: If the wrong dimension members are displayed under the Years dimension, click any dimension other than the Version dimension, then view the Years dimension again.

- 30870289—11.2 HYS9RMIREGISTRY_EPMSYSTEMX HYPERIONJAVASERVICE.EXE NOT LISTENING TO RMI 11333 PORT. The Planning RMI Server contains an incorrect reference to JRE 1.6.0 and to

client\jvm.dll. Only ODI connectivity to Planning and the cuberefresh Planning utility uses RMI, so impact should be low.

Workaround: Set the RMI JVM in the registry to point to

Oracle\Middleware\dbclient32\jdk\jre\bin\client\jvm.dll which is a 32-bit jvm.dll.

Additional Known Issues

- 29869779—ADF ERROR WHEN CREATING COMPOSITE FORM. You can't drag a simple form to the layout area of a composite form.
- 30382303—ON-PREM - IN CERTAIN CASES ASO FORMULA VALIDATES SUCCESSFULLY WITH SEMICOLON CHARACTER. A member formula validates successfully when it shouldn't in this circumstance: You enter a formula that ends with a semicolon character for an aggregate storage (ASO) cube.
- 30386969—UI HANGS SAVING A VALUE IN A COMPOSITE DATA FORM. If a composite form contains duplicate component forms, the user interface freezes when you save data in the composite form.

Profitability and Cost Management Known Issues

Oracle Hyperion Profitability and Cost Management Release 11.2.3 includes the following known issues:

- 31838361 -- In Trace Allocations for Management Ledger applications, when doing a forward trace on a calculation rule that has an alternative offset location specified, the rule node incorrectly displays a value for "Allocation Out" that is double the actual value because it is combining the allocation offset amount and allocation out. In addition, dimension node values are doubled depending on the contribution. This error is only in the Trace Allocations user interface; the calculated value in the Oracle Essbase cube is correct.
- 31721173 -- Essbase is now expecting all dimensions specified in the left-hand side of the formula to be specified in the right-hand side as well. Prior to Release 11.1.2.4.036, it was not mandatory. If you do not specify the left-hand-side dimensions in the right-hand side, you will receive the following message: "Error: The argument [Script] is missing one or more dimensions."
- 30445644 -- For Detailed Profitability applications using SQL Server, the Total Output and Unassigned Cost values in the Stage Summary section of Stage Balancing do not display the correct values.
- 30440499, 30462134 -- In APS connection mode on distributed systems, where Essbase is installed on a different server from Profitability and Cost Management, Essbase connection errors can occur during cube deployment, calculation, rule balancing, and so on if APS is not correctly installed and configured.

The main requirement here is that for distributed systems, Analytic Provider Services must also be installed on the Profitability and Cost Management server.

- 20421528 -- For Management Ledger applications using the "APS" connection type, the Cells Updated statistic is missing from the Execution Statistics system

report. Oracle strongly recommends you use the "Embedded" Essbase connection type.

Shared Services Known Issues

Oracle Hyperion Shared Services Release 11.2.3 includes the following known issue:

Lightweight Directory Access Protocol Channel Binding for Microsoft Active Directory Hardening

The default configurations for Lightweight Directory Access Protocol (LDAP) channel binding and LDAP signing has known vulnerabilities that let LDAP clients communicate with them without enforcing LDAP channel binding and LDAP signing.

Microsoft recommended safe default configurations for LDAP channel binding and LDAP signing on Active Directory Domain Controllers that supersedes the default unsafe configurations are available in [ADV190023 Microsoft Guidance for Enabling LDAP Channel Binding and LDAP Signing](#).

Oracle recommends that Oracle Enterprise Performance Management System deployments that use MSAD follow the procedures in the Microsoft advisory to manually update LDAP channel binding and LDAP signing configurations until a fix is available from Microsoft.

After manually updating LDAP channel binding and LDAP signing configurations on the MSAD server, use only SSL connections in EPM System to access MSAD.

Tax Governance Known Issues

There are no Oracle Hyperion Tax Governance known issues in Release 11.2.3.

Tax Provision Known Issues

There are no Oracle Hyperion Tax Provision known issues in Release 11.2.x.

Tips and Troubleshooting

Tips and troubleshooting topics are listed in the [Installation and Configuration Troubleshooting Guide](#).

All Oracle Enterprise Performance Management System 11.2.0 guides are available in the library on the Oracle Help Center: <https://docs.oracle.com/en/applications/?tab=8>.

Documentation Updates

Related Topics

- [Accessing EPM System Product Documentation](#)

Accessing EPM System Product Documentation

Find the latest Oracle Enterprise Performance Management System product guides in the Oracle Help Center (<https://docs.oracle.com/en/>). To access documents to view or download, click the Applications icon. In the Applications Documentation window, select the Enterprise Performance Management tab, and then look for your release in the Enterprise Performance Management list.

You can also find deployment-related documentation on the Oracle Technology Network (<http://www.oracle.com/technetwork/index.html>) and on the Oracle Software Delivery Cloud website (http://edelivery.oracle.com/EPD/WelcomePage/get_form).

Oracle® Enterprise Performance Management System Readme F32147-02

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