

Oracle® Hyperion Enterprise Performance Management Workspace Administration Guide



Release 11.1.2.4.900

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Hyperion Enterprise Performance Management Workspace Administration Guide, Release 11.1.2.4.900

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Primary Author: EPM Information Development Team

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Overview of EPM Workspace

Related Topics

- [About EPM System and Enterprise Performance Management](#)
- [About EPM Workspace](#)
- [Troubleshooting](#)

About EPM System and Enterprise Performance Management

Oracle Enterprise Performance Management System offers a comprehensive Enterprise Performance Management (EPM) system that consists of these products:

- Oracle Hyperion Enterprise Performance Management Workspace—Zero-footprint client that provides the user interface for viewing and interacting with content created using authoring studios, financial applications, and Oracle Business Intelligence products
- Oracle Hyperion Foundation Services—Eases installation and configuration, provides metadata management, and supports a common Microsoft Office interface
- Oracle Hyperion Application Builder for .NET—Coordinated planning, consolidation, and scorecard applications

About EPM Workspace

Oracle Hyperion Enterprise Performance Management Workspace is the web user interface that is used to access all Oracle and non-Oracle content. Oracle content includes all of Oracle's financial applications. Oracle Essbase is part of a comprehensive EPM system that integrates this business intelligence platform with Oracle's financial applications and Oracle Business Intelligence Enterprise Edition products.

EPM Workspace provides access to the following content:

- Oracle Hyperion Financial Reporting—Scheduled or on-demand highly formatted financial and operational reporting from almost any data source, including Oracle Hyperion Planning, Oracle Hyperion Financial Management, Oracle Hyperion Profitability and Cost Management, Oracle Business Intelligence Answers, Oracle BI Dashboards, Oracle BI Delivers, and Oracle Business Intelligence Publisher.
- Financial Management and Planning—Consolidation and planning application tasks
- Profitability and Cost Management—Managing cost and revenue allocations that are necessary to compute profitability for a business segment

- Oracle Hyperion Financial Data Quality Management, Enterprise Edition—Module of Oracle Hyperion Financial Data Quality Management that enables you to integrate metadata and data from an Enterprise Resource Planning (ERP) source system into an Enterprise Performance Management (EPM) target application
- BI Answers—Provides true end user ad hoc capabilities in a pure Web architecture
- BI Dashboards—Provides intuitive, interactive access to information that is actionable and dynamically personalized based on the individual's role and identity
- BI Delivers—Business activity monitoring and alerting that can reach users through multiple channels such as email, dashboards, and mobile devices
- BI Publisher (formerly known as XML Publisher)—Efficient; scalable reporting solution available for complex, distributed environments
- Oracle Hyperion Financial Close Management—Helps companies define, execute, and report on the interdependent activities of a financial close period

 **Note:**

Studio refers to Java or Windows components that have a rich authoring environment. EPM Workspace refers to the user thin client (UTC) or common user interface of the product.

 **Note:**

For information on system requirements, see the Oracle Enterprise Performance Management System Certification Matrix located at <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Troubleshooting

Administrators can generate log files throughout Oracle Hyperion Enterprise Performance Management Workspace to help technicians identify system or environmental problems or to help developers debug reports or API programs. For EPM Workspace troubleshooting information, see the *Oracle Enterprise Performance Management System Installation and Configuration Troubleshooting Guide*. Logging is in the *Using EPM System Logs* chapter.

For security purposes, the following EPM Workspace parameters can also be used for troubleshooting, testing and debugging but are disabled and not available by default.

- Configuration URL, which contains complete configuration information about your EPM Workspace installation and Oracle Hyperion Shared Services
- EPM Workspace test module
- Client-side debug mode

To enable these parameters:

1. In EPM Workspace, select **Navigate**, then **Administer**, then **Workspace Settings**, and then **Server Settings**.
2. In **Workspace Server Settings**, set the **Client Debug Enabled** parameter in to **Yes**.

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Administration Tools and Tasks

Related Topics

- [Understanding Oracle Home and Install Home](#)
- [Administration Tools for EPM Workspace](#)
- [Starting and Stopping Services for EPM Workspace](#)
- [Changing Service Port Assignments](#)
- [Starting EPM Workspace](#)
- [Securing Your EPM Workspace Production Environment](#)
- [Lifecycle Management](#)
- [Patching a File in the EPM Workspace Web Application](#)
- [Customizing the Logon Page](#)

Understanding Oracle Home and Install Home

When multiple Oracle products are installed on one computer, common internal and third-party components are installed to a central location, called *Oracle Home*.

On Windows platforms, the Oracle Home (contains Oracle database products) location is defined in the system environment variable called `EPM_ORACLE_HOME` (contains all Oracle products) and the default location is `C:/Oracle/Middleware/PMSys11R1`. Middleware contains products such as WebLogic.

On UNIX platforms, the Oracle Home value is stored in `.hyperion.<hostname>` in the home directory, and the default location is `$HOME/Oracle/Middleware/EPMSys11R1`.

See the *Oracle Enterprise Performance Management System Installation and Configuration Guide* for information on changing the Oracle Home location.

Oracle Home contains a `\common` directory. An Oracle Hyperion Enterprise Performance Management Workspace installation adds a `EPM_ORACLE_HOME/products/Foundation/workspace` directory to Oracle Home, which is the default installation location or Install Home for EPM Workspace (that is, `EPM_ORACLE_HOME\products\Foundation\workspace` on Windows, or `EPM_ORACLE_HOME/products/Foundation/Workspace` on UNIX).

Administration Tools for EPM Workspace

Related Topics

- [Administer Menu](#)
- [EPM Workspace Configuration Information](#)
- [EPM Workspace Timeouts](#)

Administer Menu

Use the Administer menu in Oracle Hyperion Enterprise Performance Management Workspace to manage the following:

- Workspace Settings (see [Accessing EPM Workspace Server Settings](#))
- Consolidation Administration
- Planning Administration
- Data Management
- Calculation Manager (see *Oracle Hyperion Calculation Manager Designer's Guide*)
- Shared Services Console
- Profitability Applications
- Annotations (see the *Oracle Hyperion Enterprise Performance Management Workspace User's Guide*)
- Dimension Library
- Application Library
- Transform Classic to EPM Architect
- Library Job Console
- Configure Interface Data Source

EPM Workspace Configuration Information

Configuration information about Oracle Hyperion Enterprise Performance Management Workspace installations is available at:

```
http://hostname:port/workspace/debug/configInfo.jsp
```

where *hostname* is the name of the EPM Workspace server, and *port* is the TCP port on which the HTTP or application server is listening.

The default port for EPM Workspace is 19000 if using Oracle Application Server. 19000 is the default TCP port on which the HTTP server is listening. This port number does not depend on used application server or servlet container.



Note:

To disable the configuration URL, see [Securing Your EPM Workspace Production Environment](#).

EPM Workspace Timeouts

Oracle Hyperion Enterprise Performance Management Workspace manages a user's active session in these ways:

- EPM Workspace sends keep alive requests to all application servers (including its own) used in the user's current session.

The keep alive request maintains the session between the browser and the application server so that the application server does not invalidate the session. For example, once a Oracle Hyperion Financial Reporting report is opened, EPM Workspace sends keep alive requests to the Financial Reporting server so that the user can open more Financial Reporting reports without having to reopen the session with the Financial Reporting application server.

The interval for sending these requests is configured by the EPM Workspace Server Settings, **Keep-Alive Interval** property. This property must be set to less than the timeout value for any application server used by EPM Workspace - if it is set to a higher value, the user may receive error messages due to application server timeouts.

- EPM Workspace closes the session when the user has stopped using EPM Workspace but has not closed the browser. If there is no activity in EPM Workspace per the EPM Workspace Server Setting, **Session Timeout** setting, the user is warned that the session is about to end. If the user does not take action within five minutes, the user is logged out.

Use the WebLogic Administration Console to edit the `timeout` setting for the EPM Workspace deployment.

 **Note:**

All web applications session timeouts should be greater than 10 minutes.

Starting and Stopping Services for EPM Workspace

To start Oracle Hyperion Enterprise Performance Management Workspace, you start services in each Install Home, and start each installation of EPM Workspace servlets (usually on a web server). How you start services depends on your operating system, your system configuration, and your objectives. How you stop services depends on how you started them.

Changing Service Port Assignments

For information on system requirements, see the Oracle Hyperion Enterprise Performance Management System Certification Matrix at <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>.

Also review *Oracle Enterprise Performance Management System Installation Start Here* for information about release compatibility, prerequisites, default ports, and other information needed to plan a successful installation.

Starting EPM Workspace

Start the Oracle Hyperion Enterprise Performance Management Workspace server according to the instructions given in your web server documentation. Make the URL available to your system's end-users. Starting Oracle Home Services is a separate service or shell script.

For Windows, see the Oracle Hyperion Foundation Services Manager in `MIDDLEWARE_HOME/user_projects/epmsystem1/bin/startFoundationServices.bat`, where the default location for `MIDDLEWARE_HOME` is `C:\Oracle\Middleware`.

For UNIX, see the Foundation Services Manager in `MIDDLEWARE_HOME/user_projects/epmsystem1/bin/startfoundationservices.sh`. The Oracle Process Manager is the service used to start the http server.

For EPM Workspace, enter the following URL:

```
http://hostname:port/workspace/
```

where `hostname` is the name of the EPM Workspace server, and `port` is the TCP port on which the application server is listening. The default port for EPM Workspace is 19000 if using Oracle Application Server. 19000 is the default TCP port on which HTTP server, for example Oracle Application server, is listening. This port number does not depend on used application server or servlet container (including Oracle Application server).

Securing Your EPM Workspace Production Environment

For security purposes, the following Oracle Hyperion Enterprise Performance Management Workspace parameters are disabled and are not available by default. To enable these parameters, set the **Client Debug Enabled** parameter in the Workspace Server Settings to Yes.

- **Configuration URL**—See [EPM Workspace Configuration Information](#) for details about system configuration that requires administrative credentials to access.
- **EPM Workspace test module**—`wksp.widgets` contains test cases and debugging utilities and is accessible when EPM Workspace is running in debug mode.
- **Client-side debug mode**—Client-side debug console – `pass debug = true`, which is used for debugging purposes. This enables the debug console which shows client debug messages and also forces the application to use the uncrunched Javascript code.

EPM Workspace ships with uncrunched JavaScript code for troubleshooting.

To remove this code so that it cannot be accessed:

1. Follow the instructions to [Extracting a File in the EPM Workspace Web Application](#).
2. Delete the `.js` files under `bpmstatic/js` and `static/js` that do not match the directory name in which they exist.

For example, remove all files in `/js/com/hyperion/bpm/web/common` except for `/js/com/hyperion/bpm/web/common/Common.js`.

3. Follow the instructions about [Repacking a File in the EPM Workspace Web Application](#).

Note that applying service fixes restores these files.

Lifecycle Management

Oracle Hyperion Enterprise Performance Management System Lifecycle Management provides a consistent way for Oracle Enterprise Performance Management System

products to migrate an application, a repository, or individual artifacts across product environments and operating systems. Generally, the Lifecycle Management interface in Oracle Hyperion Shared Services Console is consistent for all EPM System products that support Lifecycle Management. However, EPM System products display different artifact listings and export and import options in the Lifecycle Management interface.

Lifecycle Management features:

- Viewing applications and folders
- Searching for artifacts
- Migrating directly from one application to another
- Migrating to and from the file system
- Saving and loading migration definition files
- Viewing selected artifacts
- Auditing migrations
- Viewing the status of migrations
- Importing and exporting individual artifacts for quick changes on the file system

In addition to providing the Lifecycle Management interface in Shared Services Console, there is a command-line utility called Lifecycle Management Utility that provides an alternate way to migrate artifacts from source to destination. The Lifecycle Management Utility can be used with a third-party scheduling service such as Windows Task Scheduler or Oracle Enterprise Manager.

Lastly, there is a Lifecycle Management Application Programming Interface (API) that enables users to customize and extend Oracle Fusion Lead Management functionality.

Patching a File in the EPM Workspace Web Application

The patching and extract procedures described in this section apply only to customizations described in this guide. All customizations or manual modifications of the web applications or static files may need to be reapplied if you apply an official Oracle OPatch. Oracle recommends keeping records regarding any customizations so that they can be re-implemented on officially patched files. Do not overwrite newly patched files with old customized files.

Review the following topics:

- [Extracting a File in the EPM Workspace Web Application](#)
- [Repacking a File in the EPM Workspace Web Application](#)

Extracting a File in the EPM Workspace Web Application

To extract files in the Oracle Hyperion Enterprise Performance Management Workspace web application:

1. Stop the service for Oracle Hyperion Foundation Services Managed Server.
2. Back up the file `EPM_ORACLE_HOME/products/Foundation/workspace/InstallableApps/workspace.ear`.

3. Using an unarchiving utility, extract the contents of `EPM_ORACLE_HOME/products/Foundation/workspace/InstallableApps/workspace.ear` into a `<temp directory>`.
4. Create `<temp directory>/war`.
5. Extract the contents of `<temp directory>/workspace.war` into `<temp directory>/war`.
6. Update the file you are patching under `<temp directory>/war`.

Repacking a File in the EPM Workspace Web Application

To repackage a file in the Oracle Hyperion Enterprise Performance Management Workspace web application:

1. Archive the files in `<temp directory>/war` into `<temp directory>/workspace.war`.
2. Archive the `<temp directory>/workspace.war` into `EPM_ORACLE_HOME/products/Foundation/workspace/InstallableApps/workspace.ear`.
3. Remove the contents of the WebLogic temp directory `MIDDLEWARE_HOME/user_projects/domains/domainName/servers/FoundationServices/tmp/`.
4. Remove the contents of the WebLogic temp directory `/Documents and Settings/<machine user name/Local Settings/Temp/<machine user name/servers/FoundationServices/tmp/`.
5. Start the Service for Oracle Hyperion Foundation Services Managed Server.
6. Clear your browser cache.

Customizing the Logon Page

You can customize the logon page to add a proprietary disclaimer. This allows a company to broadcast this to all users when logging in to Oracle Hyperion Enterprise Performance Management Workspace. This information is displayed below the Copyright information.

To customize the logon page:

1. Stop all services.
2. Backup `EPM_ORACLE_HOME/common/bpmui-common/11.1.2.0/bpmui.jar`.
3. Using an unarchiving utility, extract the contents of `EPM_ORACLE_HOME/common/bpmui-common/11.1.2.0/bpmui.jar` into a `<temp directory>`.
4. Edit file `<temp directory>/com/hyperion/bpm/Resources_en.properties`.
5. Search for the property `bpm.logonCopyright`.
6. Modify the text to the right of the equal sign (=). Use `\n` to get a new line.
7. Save your changes.
8. Repeat Step 4 through step 7 for all the other `Resources_xx.properties` files for other locales.
9. Jar the contents of `<temp directory>` to `EPM_ORACLE_HOME/common/bpmui-common/11.1.2.0/bpmui.jar`.
10. Start all services.
11. Clear the browser cache.

3

Administering EPM Workspace

Related Topics

- [Managing Users](#)
- [Assigning Preferences for Users and Groups](#)
- [Accessing EPM Workspace Server Settings](#)
- [Customizing the User Interface](#)
- [Organizing Items and Folders](#)

Managing Users

For information on managing users, groups, and roles, see the *Oracle Enterprise Performance Management System User Security Administration Guide*.

Assigning Preferences for Users and Groups

For default preferences to succeed, users and groups must have the roles and permissions necessary to access specified folders and interface elements. To manage preferences, you must have administrator rights. In order to see content, you also need sufficient rights. Individual and group preferences have precedence over default preferences. See *Oracle Enterprise Performance Management System User Security Administration Guide* for more information.

To assign preferences for users and groups:

1. In Oracle Hyperion Enterprise Performance Management Workspace, select **Navigate**, then **Administer**, then **Workspace Settings**, and then **Manage Preferences**.
2. In **Select Users**, select **Available Users** or **Available Groups**, and then click **Update List**.
3. Move the desired users or groups from **Available Users** or **Available Groups** to **Selected Users and Groups**, and then click **Next**.
4. In **Manage Preferences**, assign the following preferences:
 - **Default Startup Options**—Click the drop down to select which screen will initially display when you start EPM Workspace.
 - **Accessibility Mode**—Specify whether to enable screen reader support for the selected users and groups.
5. Click **Next** and then **Finish** to save the preferences for the users and groups.

Accessing EPM Workspace Server Settings

To access Oracle Hyperion Enterprise Performance Management Workspace Server settings, select **Navigate**, then **Administer**, then **Workspace Settings**, and then **Server Settings**.



Note:

If you make changes to the EPM Workspace Server Settings, you must log out and restart the browser for the changes to take effect.

Table 3-1 General EPM Workspace Server Settings

Setting	Description
Supported Locales	Locales supported by EPM Workspace Select Click here to edit to open the Values List. You can move the supported locales between Possible Values and Assigned Values for your specific EPM Workspace configuration.
Default Locale	Default locale for the application if no user requested locales can be loaded. Default value is English.
Client Debug Enabled	Whether to suppress browser-side EPM Workspace debug features. Default value is No.
Session Timeout	Interval time in minutes before idle users are forcibly logged out of EPM Workspace from the client side. Default value is 30. Maximum value is 1440.
Keep-Alive Interval	Interval time in minutes between EPM Workspace pings to each open context in order to keep HTTP sessions alive. This is on the server side. Default value is 10.
Required Logon Role	Role required to log on to EPM Workspace. Default value is None.
Enable Native User Password Change	Whether to allow native users to change their passwords. Default value is Yes.
Accept Credentials in an HTTP Request URL	Default value is No. When set to No, the request parameters <code>sso_token</code> , <code>sso_username</code> , and <code>sso_password</code> are ignored in any HTTP request URL. They are accepted only when sent in an HTTP POST request body. Example of a URL that stops working: <code>http://host:port/workspace/?sso_username=admin&sso_password=mypassword</code>
Allow Direct Logon After SSO Failure	Default value is No. Select Yes to allow a user to logon directly if Single Sign-On (SSO) is enabled and SSO authentication fails.
Enable User Display Name	Default value is No. If set to Yes, the user's full display name is displayed in the welcome message area in the upper-right corner of EPM Workspace. The display name usually consists of First and Last Name. For example, when the value is set to Yes, Logged in as John Smith is displayed instead of Logged in as JSMITH .

Table 3-1 (Cont.) General EPM Workspace Server Settings

Setting	Description
Remember User Name at Logon	When set to Yes, the user's name is remembered as a cookie after a successful logon (otherwise, an existing cookie is deleted). The default value is Yes.

Table 3-2 EPM Workspace Messaging

Setting	Description
Message File	Select Click here to edit to open a dialog box where you can enter text for the message you want to send out to users. Messages are sent to all users who are currently logged in or users logging in to EPM Workspace for the first time.
Client Message Polling Interval	Time interval for checking new messages. Value entered is in minutes. A value of zero disables messaging system and newly logged on users do not receive messages. Default is 0.
Server Message Cache	How often the web application checks for changes in message status. Use this parameter if you update messages from the command line. Note that if messages are changed from the dialog box, the changes take effect immediately. The value entered represents minutes. Default value is 10 minutes.
URI to User Productivity Kit Note: UPK is available in EPM Workspace only for products that support it; for example, Oracle Hyperion Planning and Oracle Hyperion Financial Management.	<p>The Oracle User Productivity Kit (URI) includes a library designed to support users in live environments. When integrated with help systems, UPK delivers context-sensitive training simulations that reflect the way users complete tasks.</p> <p>To implement UPK:</p> <ol style="list-style-type: none"> 1. Enter the following URI in the URI to User Productivity Kit field: <code>http://<anydomain/full_content_path_to_upk_content/></code> This is the location where the UPK is located. For the products accessed in EPM Workspace, {gateway-page} in the URL <code>http://any_domain/full_content_path_to_UPK_content/{gateway_page}</code> is where Oracle content is located. Do not enter {gateway-page} in the URI to User Productivity Kit field. EPM Workspace automatically appends the correct value {gateway-page} in the URL <code>http://any_domain/full_content_path_to_UPK_content/{gateway_page}</code>. An example of a URI to enter is <code>http://localhost/upkcontent</code> 2. Click OK. 3. Log out of EPM Workspace. 4. Log back in to EPM Workspace, and UPK is now enabled. <p>Note: From the Help menu, the Oracle User Productivity Kit is listed. For online help, in the toolbar, there is a UPK button as well.</p>
Post Logoff URL	URL to which the UI is redirected after users log off

Table 3-2 (Cont.) EPM Workspace Messaging

Setting	Description
Smart View URI	URI to the Oracle Smart View for Office Client installer. The URI can be absolute or relative. The URI entered here is the URI accessed when you select Tools , then Install , and then Smart View from EPM Workspace.
Enable Installer Menu Items in Workspace	Whether to enable installer menu items in EPM Workspace. These items are located in the Tools menu. The default value is Yes.
Enabled Products	Disable products which are installed but not running. Select Click here to edit to open a dialog box with products that can be deselected. If the checks are cleared, the products are de-integrated at the next logon, as if they were never installed.

Customizing the User Interface

Related Topics

- [Changing the Default Language Selection](#)
- [Replacing the Logon Panel Image](#)
- [Redirecting URLs After Users Log Off](#)
- [Removing Access to Client Installers](#)

Changing the Default Language Selection

Oracle Hyperion Enterprise Performance Management Workspace reads locale information from your web browser and selects the language to use based on browser locale settings. In certain cases, you may want to view content in a language other than that determined by the browser locale. You can override locale-based language selection by adding languages to your web browser language options and moving the language that you want the browser to use to the top of the list.

EPM Workspace automatically selects the supported language in order of priority. It attempts an exact match between language and locale code. If a close match is not found, EPM Workspace attempts to match based only on language code and ignores the country code.



Note:

The settings that you select for the default language apply to all of the components in EPM Workspace.

Replacing the Logon Panel Image

To replace the image that is displayed on the logon panel:

1. Create an image file named `logon_panel.gif` with dimensions that match a previous image.

2. Follow the steps to [Extracting a File in the EPM Workspace Web Application](#).
3. Replace the `logon_panel.gif` file in the following directory with the `logon_panel.gif` file that you created in step 1:

```
<temp_directory>/war/bpmstatic/themes/theme_skyros/images_global/
```
4. Follow the steps to [Repacking a File in the EPM Workspace Web Application](#).

Redirecting URLs After Users Log Off

To facilitate integration with custom portals, administrators can redirect web browsers to an arbitrary static URL after users log off Oracle Hyperion Enterprise Performance Management Workspace. This setting can be configured in Workspace Server Settings. See **Post Logoff URL** in [Accessing EPM Workspace Server Settings](#). Note that the default is to log users off from EPM Workspace.

Removing Access to Client Installers

Administrators can hide the **Install** menu option (**Tools**, and then **Install**) that enables users to install Oracle Enterprise Performance Management System clients. This setting can be configured in Workspace Server Settings. See **Enable Installer Menu Items in Workspace** in [Accessing EPM Workspace Server Settings](#).

Organizing Items and Folders

For efficient Oracle Hyperion Enterprise Performance Management Workspace functioning, structure folders so that users can access items quickly and easily. In the folder hierarchy, balance folder size against hierarchy depth. Folders should not contain large numbers of items or excessive numbers of levels in the folder hierarchy. Certain folders should not be deleted.

A

Property Information

JConsole is the Java Monitoring and Management Console used to define and manage the various properties for Oracle Hyperion Financial Reporting and the applications that run with it, across multiple servers. The JConsole executable (Jconsole.exe) is located in the `bin` directory of the Java Development kit (JDK) — `<install dir>/jdk`. When you select **Attributes** on the **MBeans** tab, you can view and set properties and values.

You can run the Financial Reporting Configuration properties under the Oracle Home `\product\financialreporting\bin` directory using `FRConfig.cmd` (or `FRConfig.sh` for platforms other than Microsoft Windows). Double-click the command to launch JConsole, and then connect to and modify the Financial Reporting MBean values.

Note the following:

- The command file is only available on the web application server.
- The web application does not need to be running.
- After making changes, restart all services.
- You do not need to restart all the services after changing print server and scheduler server.

Table A-1 Properties

Name	Default Value	Description
AllowCellTextAsAnnotations	false	Display cell text for Oracle Hyperion Financial Management and Oracle Hyperion Planning as annotations in a report.
AllowDocumentAttachmentAs Annotations	false	Display LROs for Oracle Essbase, Cell Documents for Financial Management, and Document Attachments for Planning as annotations in a report.
AllowPlanningUnitAnnotations AsAnnotations	false	Display Planning Unit Annotations (PUA) for Planning as annotations in a report.
AttachedFileMaxSize		
BaseConfigServlet	<code>/browse/ configURL</code>	Location of the main configuration servlet path
BaseFRWebApp		Display the base Financial Reporting web application in a report.
BaseWebApp		URL link to the EPM Workspace web application
BaseWebContext	Workspace	Context for the EPM Workspace web application
BatchBurstingThreads	10	Number of parallel threads that a scheduled job will spawn when a batch is burst

Table A-1 (Cont.) Properties

Name	Default Value	Description
BookTOCPrintTemplate	BookTOCPrintTemplate=\${oracle.instance}/bin/toc-template.rtf	Location of the RTF template file used when generating the book Table of Contents using the print engine that uses BI Publisher's FO processor.
CacheADMConnectionBasedOnSession	true	Caches the ADM connection (for connecting to Essbase, Planning and Financial Management) in a connection pool for each user session.
CachePDFForSnapshots	false	Whether snapshots and snapshot books produced by the scheduler generate and cache PDFs in EPM Workspace. This improves PDF retrieval times for snapshots for Web viewers. Notes: <ul style="list-style-type: none"> This requires additional space in Oracle Hyperion Enterprise Performance Management Workspace Regardless of this setting, PDFs are cached in EPM Workspace after the first request for a snapshot or snapshot book in PDF format.
Categories		Annotation categories
ChangeExtensions		Change extensions of files attached to an email sent as a result of Scheduled Job execution. This is because some companies do not allow extensions for attachments to emails. The extension is changed to the value specified. Each property is separated by comma, and each property is specified as Prop1=value1, prop2=value2
ChartPlottingIgnores		How charts treat #MISSING, #ERROR and #ZERO values. Must be a comma-delimited list of the possible values which are "error", "missing" and "zero" in any order. The values are case-insensitive. If left blank, all values are treated as zeroes.
ClassicPrintServerPrinterMask	HRPrinter#	Printer name mask (note that # is dynamically replaced by the print server). The install creates printers HRPrinter1-5 by default. To create printers with a different name, edit HRCreatPrinters.ini and run HRCreatPrinters.exe in financialreporting\bin.
ClassicPrintServerPrinterPool	5	Number of printers available for PDF output. By default, the install creates five printers. To create additional printers, edit HRCreatPrinters.ini and run HRCreatPrinters.exe in financialreporting\bin.

Table A-1 (Cont.) Properties

Name	Default Value	Description
CleanUpThreadDelay	300000	Frequency (in milliseconds) at which the MinimumConnectionInactiveTime cleanup thread runs. The default is to check for inactive connections every 300000 milliseconds (5 minutes).
ClientSystemProperties		The syntax should be: FolderLabel1=FolderPath1,FolderLabel2=FolderPath2, and so on. Each property is separated by comma, and each property is specified as Prop1=value1, prop2=value2
com.hyperion.pbm.general.ColorTheme	null	Color theme across the product
com.hyperion.reporting.HRPreferences.Units	inches	Value for ruler (inches or centimeters)
com.hyperion.reporting.HRPreferences.colorcontrast	false	High-contrast color mode for accessibility. Supported only on the same platforms on which screen readers are supported.
com.hyperion.reporting.HRPreferences.country	US	ISO country code for supported country
com.hyperion.reporting.HRPreferences.dateformat	null	Date format across the product
com.hyperion.reporting.HRPreferences.decimalsymbol	,	Value for a decimal symbol. Value can be comma (,), or underscore (_).
com.hyperion.reporting.HRPreferences.digitgroup	,	Value for digit grouping. Value can be comma (,), or underscore (_).
com.hyperion.reporting.HRPreferences.footnote_param	Title & Detail & Category & Author & Date & Description & Attachments & Replies:All	In Annotations, default print options such as title, category, author, descriptions and attachment.
com.hyperion.reporting.HRPreferences.filter_by_security	false	Filters member selection based on Oracle Hyperion Planning security
com.hyperion.reporting.HRPreferences.glcolor	#000000	Grid line color Enter the value in the format of #RRGGBB where RR is hex value for red, GG is hex value for green, and BB is blue as specified by HTML.
com.hyperion.reporting.HRPreferences.glsnap	true	Whether to enable grid line snapping
com.hyperion.reporting.HRPreferences.glspaceing	null	Background spacing between guidelines in Oracle Hyperion Financial Reporting Studio
com.hyperion.reporting.HRPreferences.glstyle	dot	Grid line style. Value can be either line or dot.
com.hyperion.reporting.HRPreferences.HelpUserTrainingUri		Read Only. Administrative setting in EPM Workspace to enable UPK (User Productivity Kit).

Table A-1 (Cont.) Properties

Name	Default Value	Description
com.hyperion.reporting.HRPre fs.language	EN	User language. Can be any ISO language code for supported languages.
com.hyperion.reporting.HRPre fs.locationuserpov	above	Location of the User POV bar. Value can be either "above " or "viewpane."
com.hyperion.reporting.HRPre fs.merge_equal_prompts	true	Default behavior for users who have not explicitly set the "Merge Equivalent Prompts" setting in Web User preferences. "True" means that equivalent prompts are merged," false" means equivalent prompts are not merged.
com.hyperion.reporting.HRPre fs.previewuserpov	false	Whether to show the Preview User POV dialog box
com.hyperion.reporting.HRPre fs.viewtype	HTML	View type ("html" or "pdf")
DbConnRetryInterval		In Annotations, if you have a database rack and failover happens, how long, in milliseconds, do you want to wait for a successful attempt to the database.
DbMaxConnectAttempts		In Annotations, if you have a database rack and failover happens, how many retries to connect should be made.
DiscManMappingToolWSDL		Read only. Identifies the WSDL path for Disclosure Management
DiscManSessionWSDL		Read only. Identifies the WSDL path for Disclosure Management
DisplayDatasourceInFlatList	false	Displays all data sources used in a report or book in a flat list in the Preview User POV dialog box
DisplayFilterBySecurity	true	Changes the FilterBySecurity settings in the web. When set to "false", users cannot change the FilterBySecurity options, and cannot see members to which they lack access. When set to "true", users can change the FilterBySecurity settings on the web and can see members to which they lack access.
EnableSMTPServerAuthentication	false	Uses the SMTP server to authenticate sending emails from the Scheduler.
EntityCurrency	USD=\$,Euro =€	Financial Management entity currency. You can specify a value to be used instead of an Entity Currency code when shown by the HFMCurrency text function in a report. For example: if the HFMCurrency function returns "USD", you can specify that it show the symbol "\$". Notes: <ul style="list-style-type: none"> • Non-ASCII characters must be specified as unicode encoded strings (u20ac). • Each property is separated by comma, and each property is specified as Prop1=value1, prop2=value2

Table A-1 (Cont.) Properties

Name	Default Value	Description
EssbaseJAPIServer	localhost	APS Server machine name when using 3 Tier APS mode to access Oracle Essbase.
EssbaseUseMDX	true	Ensures that the query language to access Analytic Services (Essbase Analytic and/or Enterprise Analytic) is MDX.
ExportExcelUseRawNumbers	false	Exports to Microsoft Excel without scaling
ExportFolders		Folder locations when exporting and deploying a book as HTML. The syntax should be: FolderLabel1=FolderPath1,FolderLabel2=FolderPath2 For example: export1=e:\\exportfolder1,export2=e:\\exportfolder2
FollowedUrlPrefixList		Semicolon-delimited list of URLs from where HTML content is fetched and included in the Budget Book if it refers to it.
GsmServers		Foundation server for annotations
HRWebHtmlLocation		Location where the Financial Reporting web application stores temporary interactive web files. The default location for Oracle Enterprise Performance Management System is \$ {EPM_ORACLE_INSTANCE}/products/ financialreporting/ temp/ ", " java.lang.String"
HRWebKeepAliveInterval	1	Frequency, in minutes, at which the web application server sends replies back to the browser client. This is useful if HTTP traffic passes through a proxy server that imposes timeouts.
HRWebStaticHTMLLocation		Location where the Financial Reporting web application temporarily stores static HTML files. The default location for EPM System is \$ {EPM_ORACLE_INSTANCE}/products/ financialreporting/ temp/ ", " java.lang.String"
HTTPProxyHost		Proxy server host name for HTTP connections required by Financial Reporting books
HTTPProxyPort		Proxy server port number for HTTP connections required by Financial Reporting books
HasEntityCurrencyMappings	false	Oracle Hyperion Financial Management entity currency. Set to true to define entity currency "mappings".
HssLocation		Read Only. Oracle Enterprise Performance Management System only: Location of the Application Management Server

Table A-1 (Cont.) Properties

Name	Default Value	Description
HtmlFormat	0	HTML format the scheduler generates: <ul style="list-style-type: none"> 0—generic HTML with images in a subdirectory . 1—mhtml format with embedded images. (works only with Internet Explorer; file extension is .mht). 2—Mozilla compatible single file with imbedded images. (works only with Netscape, Mozilla, and Firefox)
InstalledDir	\$ {home.repor ts.lib}	Where the Financial Reportings cheduler server persists its state in scheduler.xml
MaxEmailAttachmentSize	0	Maximum attachment size for emails. Values or 0 or less means no limit for attachments. Specify the value in kilobytes. The following example sets maximum attachment size to 128 KB: AttachmentSize = 128
MaxExpandAllCount		In Member Selection, the maximum items to display when clicking "Expand All"
MaxImportFileSize	0	Maximum file size for files imported to Financial Reporting. By default, there is no limit on import file size. For example, if MaxImportFileSize is set to 1000, the import file size is limited to 1 MB. This means, importing any file, including .zip files, larger than 1 MB fails. This restriction also applies to files within a .zip file. If the .zip file size is less than 1 MB, but the actual size of a compressed file in the .zip file is more than 1 MB, the import fails.
MaxPortUsage	0	Upper threshold for number of ports used by the windows system after which report queries will start queuing up until some get released. A value of "0" means that no limit is imposed.
MaxSearchResult	50	Maximum number of members that will be returned as a result of a member selection search query.
MaximumCalculationIterations	5	Report Server Calculation Setting. Specifies the maximum number of calculation iterations for all grids and cells. During the calculation process of a grid, it may be necessary to evaluate a cell multiple times due to reference precedence. This mostly occurs in grids with references to other grids. If there are no circular references and calculation cells are retuning Error, increasing the value may resolve the problem. Note: A high number may degrade grid execution performance.

Table A-1 (Cont.) Properties

Name	Default Value	Description
MemberSelectionDoInitialSearch	false	If set to true, the member selector searches for the member that was previously selected and expands the tree to where it is located.
MemberSelectionRowsPerPage	20	Number of rows returned per page as a result of the member selection search query. Only standard values of 5, 10, 20, 50, 100, 250, and 500 are recommended to be used for this property under MBeans.
MinimumConnectionInactiveTime	300000	Connection Manager Setting. The Connection Manager is a subcomponent of the Report Server, Web Application and Financial Reporting Studio. Minimum time (in milliseconds) before an inactive data source connection is closed. The default is to close connections that have remained inactive for 300000 milliseconds (5 minutes).
MissingValuesAreZeroInFormulasInHFM	true	Report Server calculation setting. For Financial Management data sources, whether to treat missing values as zero in formula calculations. <ul style="list-style-type: none"> False means that missing values are not the same as zero values in formula calculations, True means that missing values are treated as a value of zero in formula calculations Note: This property is only effective for Oracle Hyperion Financial Management data sources.
NumberDecimalPlacesForZero	2	How many decimal places a number must have before it is considered a zero (0)
NumberDecimalPlacesForZeroInSuppression	5	How many digits to the right of the decimal place are evaluated when determining if a numeric value is zero in conditional suppression and conditional formatting. When you do conditional suppression/format against a 'Value' of '0', the comparison is to compare the value to absolute zero (0). For example, using the default property of 5, a value of 0.00001 is considered zero.
OBIEEServer		Location used when adding OBIEE server for book integration.
PassCSSTokenToHssEssDriver		
PDFRootDir	\$ {EPM_ORACLE _INSTANCE}/ products/ financialre porting/ temp/ PDFOutput/	Location where the Financial Reporting Print Server temporarily stores PDF files

Table A-1 (Cont.) Properties

Name	Default Value	Description
PUASeparator		Separates Planning Unit Annotations. If no PUASeparator is specified, the default is the Em-Dash (—).
PassCSSTokenToHssEssDriver	true	Whether an underlying data source should be passed CSS tokens. Do not change this setting unless there are specific reasons which cause issues with the current settings. When there are no property file entries, the token is passed to the data source for user validation.
PrintServerResultCacheTime	6000000	Time (in milliseconds) that completed reports, snapshots, books, and snapshot books remain on the print server before they are removed
PrintServerResultsCleanupThreadDelay	36000000	Frequency (in milliseconds) at which the PrintServerResultCacheTime cleanup thread runs. Setting this too low could cause running requests to be terminated and removed.
PrintServers		Comma separated list of print servers available to the report server in the 'server:port' format. For example: <code>printserver1:10999,printserver2:10999.</code>
PrintingMaxThreads	10	Maximum number of threads created for printing/generating PDF files at one time. The default is based on the number of CPUs in the host machine. Five threads are allowed for each CPU. For example, the default for a system with two CPUs is ten threads. Specifying 0 allows an unlimited number of threads to be created
RemoteAdmServer	null	Identifies a remote server from which the data source is accessed.
RMIClientSocketFactory		Overrides the Client Side Socket Factory implementation used for RMI. By default a custom client socket factory is used for RMI.
RMIPortRangeLower		Starting port number that Financial Reporting uses for an RMI communication. You should set this when using firewalls.
RMIPortRangeUpper		Upper Port number that Financial Reporting uses for an RMI communication. When configured with firewalls, you can specify RMIPortRangeLower and RMIPortRangeUpper values to limit the number of ports used by RMI.
RMISServerSocketFactory	Default factory implementation as shipped with JDK	Overrides the Server Side Socket Factory implementation used for RMI.

Table A-1 (Cont.) Properties

Name	Default Value	Description
RegisteredRelatedContentURLs	null	Default Related Content provider The format of the value is: Product/server name/url where Product is the product name, server name is the server location, and url is the provider URL.
RelatedContentAliases	empty string	Aliases for the related content server and ports used in the product are useful for migration purposes.
RelatedContentURLs	empty string	URLs to specify the related content.
RelativeRelatedContentServers	empty string	Specifies the RelatedContent servers in a relative manner. This is useful when doing SSL offloading.
ReportServerMaxThreads	5	Maximum number of threads created to run reports. The default is based on the number of CPUs in the host machine - 5 threads per CPU. <ul style="list-style-type: none"> • 1 CPU = 5 threads • 2 CPUs = 10 threads • 3 CPUs = 15 threads • 4 or more CPUs = 20 threads • 0 = an unlimited number of threads
ReportServerReportCacheTime	7200000 milliseconds (20 hours)	Time (in milliseconds) that completed reports, snapshots, books, and snapshot books remain on the Report Server before they are removed. Also, the period of time before which uncollected, or "orphaned", results are deleted. A result may become orphaned if you request a report and then close the web browser before the report finishes running.
ReportServerReportCleanupThreadDelay	3600000 milliseconds (10 hours)	Frequency (in milliseconds) at which the ReportServerReportCacheTime cleanup thread runs. Setting this too low could cause running requests to be terminated and removed.
ReportServerWaitCount		In Scheduler, the number of attempts to connect to the report server
ReportServerWaitDelay		Number of seconds to wait before Scheduler tries to reconnect to report server
RowsPerPage		How many rows per page to display (Annotations Manager preference)
SMTPMailServer		Read Only. The SMTP mail server used when sending emails from Scheduler.
SMTPPort		SMTP server port used when sending emails from Scheduler
SMTPServerPassword		Password to access the SMTP server if it is password protected
SMTPServerUserID		User ID to access the SMTP server if it is protected

Table A-1 (Cont.) Properties

Name	Default Value	Description
SSASImpersonate	false	Allows impersonation of a Windows user to access an SSAS data source. If true, you can connect to the SSAS data source as the currently logged in Windows user. If false, the passed credentials are used. Note: Financial Reporting does not use SSAS data source.
ScheduledBatchCacheTime	0	Configuration setting for the Financial Reporting scheduler server. Specify the time in milliseconds to retain completed batch results. For example, to delete batch results older than 5 days, specify 43200000 milliseconds. The <code>ScheduledBatchCleanUpThreadDelay</code> property must be set to a value greater than 0 to enable this cleanup option. Pending batches are not removed. The default value of 0 means that batch results will not be removed.
ScheduledBatchCleanUpThreadDelay	0	How often the scheduler checks for batch results to remove (in milliseconds). For example, specify 86400000 milliseconds to check every 24 hours. The default value of 0 means that the scheduler will not remove batch results.
SchedulerServer		Configured scheduler server name
SchedulerTemplateLocation	<code> \${EPM_ORACLE_INSTANCE} / products / financialreporting / data / SchedulerTemplate</code>	Location where the Financial Reporting scheduler server gets template files
SchedulerOutputLocation	<code> SchedulerOutputLocation, PropType.NORMAL, "\${EPM_ORACLE_INSTANCE} / FinancialReporting / data / SchedulerOutput / ", "java.lang.String"</code>	Location where the context of resulting files for batch execution is stored
SortUsesJavaCollator	true	Whether to use the default Java collator for sorting

Table A-1 (Cont.) Properties

Name	Default Value	Description
StellentServer		Oracle Universal Content Management server name. This is useful if the content for Oracle Universal Content Management is added to a Financial Reporting book as external content.
StudioInstallerLocation		Read Only. The location for the Studio Installer. When <code>HRStudioRetrieve.jsp</code> is called, this is the location from which it serves up the Studio MSI (Windows installer).
SystemMode		Read Only. Show Fusion applications or no Fusion applications.
TextPrintTemplate	<code>C:/Oracle/products/financialreporting/install/scripts/../../bin/FR_TextTemplate.doc</code>	Full path to a Microsoft Word document used as a template for text file printing. Used by cell documents in a report and external content in a book.
UrlLaunchMode	<code>post,yahoo.com google.com</code>	A regular expression used to determine exceptions The value contains two components. The first component is the type used for launching URLs. The second component is a regular expression to identify exceptions for how to launch the URL. Also, the type of HTTP request made for related content links and exceptions. The first value is the default and should be "post" or "get". The second value is any exception that should not use that request type. Note: The default is "post" except when Google or Yahoo.
UseEssbaseEDS	<code>true</code>	Whether to use the Analytic Provider Services (APS) driver instead of the native ADM driver. If using APS remote mode, uncomment the <code>EssbaseEDSServer</code> property and specify your APS server name as its value: <code>UseEssbaseEDS=false</code> <code>EssbaseEDSServer=</code> <code>EssbaseEDSDriver=HssEdsDriver</code>

Table A-1 (Cont.) Properties

Name	Default Value	Description
Word2007ExportIgnorePageBreak	true	Whether to ignore page breaks when exporting to Word. <ul style="list-style-type: none">• If true, Financial Reporting ignores manual page breaks and Oracle Business Intelligence Publisher generates page break automatically.• If false, Financial Reporting paginates and BI Publisher generates a .docx file, which has page break information.
ZipEmbedded	true	Zips up the files when “export to HTML” is selected as an output type for a scheduled job