

# Oracle® Enterprise Performance Management System

## Readme

Release 11.2.24.0.000

G49001-02

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## Oracle Enterprise Performance Management System Release 11.2.24.0.000 Readme

### 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.

### Overview

This Quarterly Release Update is distributed as an OPatch containing OPatches for individual EPM system components. Release 11.2.24 is a cumulative update that includes all updates from Release 11.2.15. This update can be applied on top of any release from 11.2.15 onwards.

For a list of OPatches for individual EPM system components, see [OPatch Dependencies and Details](#).

Oracle recommends that you read the 11.2.24 Readme Guide in its entirety before applying the patch to Release 11.2.24.

Release 11.2.24 (Release 11.2, Update 24) includes the following deliverables:

- Oracle Enterprise Performance Management System - 11.2.24.0.000 for Microsoft Windows x64 (64-bit)
- Oracle Enterprise Performance Management System - 11.2.24.0.000 for Linux x86-64
- Oracle Enterprise Performance Management System - Client Installers 11.2.24.0.000 for Microsoft Windows x64 (64-bit)
- Oracle Data Relationship Management 11.2.24.0.000 for Microsoft Windows (64 bit)
- Oracle Hyperion Financial Management 11.2.24.0.000 for Linux x86-64

### Note

Release 11.2.24 will not contain an Installation and Configuration guide. See [Oracle Enterprise Performance Management System Installation and Configuration Guide for Release 11.2.15](#) for more information.

## EPM System Update and Upgrade Policies

This topic outlines the update and upgrade policies for Oracle Enterprise Performance Management System.

### Update Policies

- An EPM System update is applied on top an existing installation of EPM System Release 11.2.x.
- EPM System Release update 11.2.15 has a prerequisite of EPM System Release update 11.2.12, 11.2.13, or 11.2.14. See Supported Paths to this Release for more details.
- EPM System updates are released on a quarterly basis, generally in January, April, July, and October.
- Updates include changes for all embedded components, such as WebLogic and Java, as needed.
- Updates are applied in place.
- Any customer patches that were released are rolled into the next update.
- Applying an update removes all patches applied to the previous update.
- Updates are expected to be easy to apply and have minimum impact for you to absorb.

### Upgrade Policies

To upgrade, you deploy EPM System Release 11.2.x software on a new machine and 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 Enterprise Performance Management System Installation and Configuration Guide*.

### Error Correction Policy

For information on the **Oracle Enterprise Performance Management Error Correction Policy**, visit these My Oracle Support articles:

- Oracle Enterprise Performance Management (EPM) 11.2 Software Error Correction Policy [[Doc ID 2749950.1](#)]

- Oracle Enterprise Performance Management (EPM) Release 11.2 Grace Periods for Error Correction [[Doc ID 2627593.1](#)]

## New Features

This section includes new features in this release. 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>

Release 11.2.24 includes the following new features:

- Support for Oracle Enterprise Performance Management applications on Google Cloud with Oracle Database.

For more information, see [Working with EPM Oracle Database on Google Cloud](#).

- **Patches and Updates**

**Table 1-1 Bundled Patch Updates**

Component	Version
Java	Java 8 Update 471
Essbase	21.7.3
WebLogic	Patch Set Update 12.2.1.4.250910
Application Development Framework (ADF)	Bundle Patch 12.2.1.4.250822 <b>Note: Important UI Changes in Recent ADF Patch Update</b> To enhance accessibility in EPM applications in alignment with the latest Oracle Accessibility Guidelines (OAG), we recommend applying ADF patch 37836334. This update increases row heights and spacing across various EPM applications, including HFM, FDMEE, Planning, and Reports, to improve usability for users with accessibility needs. While these changes align with accessibility standards, they may result in fewer visible rows per page and increased scrolling.
Oracle HTTP Server (OHS) 19c	Bundle Patch 12.2.1.4.250609
Oracle Data Integrator (ODI)	No patches in this release

- **Dependency Updates**

**Table 1-2 Dependency Removal Summary**

Component	Change	Effective Release
Microsoft Visual C++ 2010	Dependency removed for EPM <ul style="list-style-type: none"> <li>– No longer installed by EPM.</li> <li>– EPM System works correctly with or without it.</li> <li>– If already installed, it is not uninstalled automatically. See <a href="#">Removing Visual C++ 2010</a> for more details.</li> </ul>	11.2.17

- For details on new features introduced in previous versions, see [New Features: 11.2.8 - 11.2.23](#).

## Financial Management Features

- **Financial Management Oracle Accessibility Guidelines (OAG) Feature For All UI Screens**  
 The Oracle Accessibility Guidelines (OAG) version 3.2 outline Oracle's accessibility standards and requirements, which are incorporated into the company's legal and contractual obligations. The HFM UI pages are now compliant with OAG version.
- **"FORCE CALCULATE CONTRIBUTION" should honor "ALLOWOVERLAPPINGCONSOLIDATIONOVERRIDE" Settings**  
 When the "AllowOverlappingConsolidationOverride" setting is set to "0", overlapping consolidations are not permitted. Likewise, if the "Calculate Contribution" action is triggered while a consolidation is already in progress, it will prevent any overlapping consolidations.
- Ensure to have the latest Visual C++ Redistributable for the Hyperion Financial Management (HFM) application. For more information, see [Upgrading VC++ from Versions 11.2.15-11.2.20 to 11.2.24](#).

**Table 1-3 Dependency for Hyperion Financial Management (HFM) Application**

Component	Change	Effective Release
Visual C++ Redistributable (Windows) 2015-2022 (14.44.35211 or later)	Dependency for Hyperion Financial Management (HFM) application. For more information, see <a href="#">Upgrading VC++ from Versions 11.2.15-11.2.20 to 11.2.24</a> .	11.2.24

## Financial Management Platform-Independent Release

On **May 22, 2024**, Microsoft announced the **deprecation of VBScript** along with its timeline. See [VBScript deprecation: Timelines and next steps](#) for more details.

To support Financial Management customers in executing business logic natively, **Financial Management Platform Independent Release 11.2.21** was delivered in **April 2025**. This release introduces native script engine support in preparation for upcoming deprecations.

**Table 1-4 Key Changes in 11.2.21**

Change Area	Details
Server Process	Changed to ofmserver.exe
Server Log File Name	Format: xfm_odl_srv_<appname>.log
Array Handling	Financial management script engine had inconsistency during the array handling. Array created with two different ways behave differently and returning the lbound value 0 and 1

**Table 1-5 Example: Array Handling Differences**

Example	Code snippet	lbound Value
Example 1	<pre>Dim A(20) for i = lbound(a) to ubound(a) next Here lbound(a) = 0</pre>	0
Example 2	<pre>myList = HS.Entity.List("", "[Ba se]") for j = lbound(myList ) to ubound(myList) next Here lbound(myList) = 1</pre>	1

- As a Financial Platform independent release these inconsistencies have been addressed. The functions which return an array are impacted, for example, List, AttributeList, etc.
- Avoid hardcoding array bounds (0 or 1). Always use lbound() and ubound() as index references.

# Financial Management Updates on Microsoft Engine Removal

As Microsoft has confirmed the deprecation of the VBScript engine (see [Deprecation details](#)), the Financial Management roadmap provides the plan for its removal and the introduction of an alternative with no significant impact.

**Table 1-6 Microsoft Engine Removal Timeline**

Release	Timeline	Windows Support	Linux Support
11.2.21	Apr 2025	Microsoft Script Engine (Default)	-
11.2.22	Jul 2025	<ul style="list-style-type: none"> <li>• Microsoft Script Engine (Default)</li> <li>• Native Script Engine (Available)</li> </ul>	-
11.2.23	October 2025	<ul style="list-style-type: none"> <li>• Microsoft Script Engine (Default)</li> <li>• Native Script Engine (Available)</li> </ul>	Native Script Engine
11.2.27	October 2026	<ul style="list-style-type: none"> <li>• Native Script Engine (Default)</li> <li>• Microsoft Script Engine (Critical fixes only)</li> </ul> <p>In this release the Native Script Engine will become the default script engine. Starting from 11.2.22 to 11.2.27 release customers are advised to plan the transition from the Microsoft Script Engine to the Native Script Engine.</p>	Native Script Engine

**Table 1-6 (Cont.) Microsoft Engine Removal Timeline**

Release	Timeline	Windows Support	Linux Support
11.2.31	October 2027	<ul style="list-style-type: none"> <li>Native Script Engine (Default)</li> <li>Microsoft Script Engine (Removed)</li> </ul> <p>Starting from 11.2.22, till 11.2.31, customers must transition from the Microsoft Script Engine to the Native Script Engine. In release 11.2.31, the Microsoft Script Engine is removed, and is no longer an available option.</p> <p><b>Note:</b> If Microsoft adjusts their timeline for the deprecation of VBScript, Oracle will align its timeline accordingly to ensure continued support for the Microsoft Script Engine, as needed.</p>	Native Script Engine

For more information on the script engine transition updates, see [Procedure to switch from Microsoft Engine to Native Script Engine](#).

## Supported Platforms

Information about system requirements, browser support, supported languages 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):

[Oracle Enterprise Performance Management System - Certification Matrix](#).

## Supported Paths

Oracle recommends that you apply the set of Oracle Enterprise Performance Management System Release 11.2.24 product Opatches together, using the `ApplyUpdate` script. If you are updating from an earlier release, you must first update to Release 11.2.15.

- EPM System updates are released on a quarterly basis, generally in January, April, July, and October.
- Updates include changes for all embedded components, such as WebLogic and Java, as needed.
- Updates are applied in place.
- Any customer patches that were released are rolled into the next update.
- Updates are expected to be easy to apply and have minimum impact for you to absorb.

## Installing EPM for the First Time

Before you install and configure, review the installation prerequisites and requirements listed in [Installation Prerequisites and Requirements](#).

Ensure to have the latest Visual C++ Redistributable for the Hyperion Financial Management (HFM) application. For more information, see [Upgrading VC++ from Versions 11.2.15-11.2.20 to 11.2.24](#).

**Table 1-7 Installing EPM for the First Time**

Task	Reference
1. <i>Optional:</i> Remove Microsoft Visual C++ 2010 (x86 and x64).	<a href="#">Optional: Removing Microsoft Visual C++ 2010</a>
2. Install Release 11.2.15	<a href="#">Installing EPM System Products</a>
3. Apply Update to Release 11.2.24	<a href="#">Applying Release 11.2.24</a>
4. Configure Release 11.2.24	<a href="#">Configuring EPM System After Applying an Update</a>

## Updating from Release 11.2.x

Before you apply the update to Release 11.2.24, review the prerequisites and requirements listed in [Applying an Update Prerequisite Tasks](#).

**Table 1-8 Updating to Release 11.2.24 from 11.2.8**

Task	Reference
1. Apply Update from Release 11.2.8 to Release 11.2.12 or 11.2.13 or 11.2.14	<a href="#">Applying an Update to EPM System Products</a>
2. Install Update to Release 11.2.15	<a href="#">Installing EPM System Products Using Apply Update</a>
3. Apply Update to Release 11.2.24	<a href="#">Applying Release 11.2.24</a>

**Table 1-8 (Cont.) Updating to Release 11.2.24 from 11.2.8**

Task	Reference
4. <i>Optional:</i> Remove Microsoft Visual C++ 2010 (x86 and x64).	<a href="#">Optional: Removing Microsoft Visual C++ 2010</a> <ol style="list-style-type: none"> <li>1. Restart your machine.</li> <li>2. Redeploy all the web applications. (Under HFM, ensure that you check the <b>Configure Application Server</b> option.)</li> <li>3. Start all the services. For information about starting services, see Starting and Stopping EPM System Products in <i>Enterprise Performance Management System Installation and Configuration Guide</i> .</li> </ol>
5. Configure Release 11.2.24	<a href="#">Configuring EPM System After Applying an Update</a>

**Table 1-9 Updating to Release 11.2.24 from Versions Earlier than 11.2.8**

Task	Reference
1. Install Update to Release 11.2.8	<a href="#">Installing EPM System Products Using Apply Update</a>
2. Apply Update from Release 11.2.8 to Release 11.2.12 or 11.2.13 or 11.2.14	<a href="#">Applying an Update to EPM System Products</a>
3. Install Update to Release 11.2.15	<a href="#">Installing EPM System Products Using Apply Update</a>
4. Apply Update to Release 11.2.24	<a href="#">Applying Release 11.2.24</a>
5. <i>Optional:</i> Remove Microsoft Visual C++ 2010 (x86 and x64).	<a href="#">Optional: Removing Microsoft Visual C++ 2010</a> <ol style="list-style-type: none"> <li>1. Restart your machine.</li> <li>2. Redeploy all the web applications. (Under HFM, ensure that you check the <b>Configure Application Server</b> option.)</li> <li>3. Start all the services. For information about starting services, see Starting and Stopping EPM System Products in <i>Enterprise Performance Management System Installation and Configuration Guide</i> .</li> </ol>
6. Configure Release 11.2.24	<a href="#">Configuring EPM System After Applying an Update</a>

## Upgrading from Release 11.1.2.x

You can upgrade Oracle Enterprise Performance Management System Release 11.1.2.x products to Release 11.2.24.

**Table 1-10 Upgrading from Release 11.1.2.x**

Task	Reference
1. Upgrade from 11.1.2.x to Release 11.2.8	<a href="#">Upgrading EPM System</a>
2. Apply Update from Release 11.2.8 to Release 11.2.12 or 11.2.13 or 11.2.14	<a href="#">Applying an Update to EPM System Products</a>
3. Install Update to Release 11.2.15	<a href="#">Installing EPM System Products Using Apply Update</a>
4. Apply Update to Release 11.2.24	<a href="#">Applying Release 11.2.24</a>
5. <i>Optional:</i> Remove Microsoft Visual C++ 2010 (x86 and x64).	<a href="#">Optional: Removing Microsoft Visual C++ 2010</a> <ol style="list-style-type: none"><li>1. Restart your machine.</li><li>2. Redeploy all the web applications. (Under HFM, ensure that you check the <b>Configure Application Server</b> option.</li><li>3. Start all the services. For information about starting services, see Starting and Stopping EPM System Products in <i>Enterprise Performance Management System Installation and Configuration Guide</i> .</li></ol>
6. Configure Release 11.2.24	<a href="#">Configuring EPM System After Applying an Update</a>

## Applying and Rolling Back Release 11.2.24

### Related Topics

- [Prerequisites](#)
- [Applying Release 11.2.24](#)
- [Rolling Back Release 11.2.24](#)
- [Verifying Status](#)
- [Optional: Applying Individual OPatches](#)

## Prerequisites

**Table 1-11 Prerequisites for Applying Release 11.2.24**

Step	Description
Disable Anti-Virus	Disable the anti-virus software before you apply Release 11.2.24 to your environment and ensure it remains disabled throughout the update process. You may re-enable it after the update is complete.
Check for Patch Conflicts	To identify any EPM patch conflicts before applying the quarterly update, enter the following command: <ol style="list-style-type: none"> <li>On <b>Windows</b>:  <b>Note:</b> The following script must only be run with Administrator privileges.  <pre>.\ApplyUpdate.ps1 &lt;MIDDLEWARE_HOME&gt; -verify</pre> </li> <li>On <b>Linux</b>:  <pre>./ApplyUpdate.sh &lt;ORACLE_HOME&gt; -verify</pre> </li> </ol>
Stop Services	Stop services: <ul style="list-style-type: none"> <li>Oracle Enterprise Performance Management System services</li> <li>Node Manager Windows Service and Oracle HTTP Server, if you are using Oracle HTTP Server as your web server</li> <li>WebLogic Administration Server</li> </ul> For information about stopping services, see Starting and Stopping EPM System Products in <i>Enterprise Performance Management System Installation and Configuration Guide</i> .
Back Up Folders	Back up the following folders before applying the update: <ul style="list-style-type: none"> <li>EPM Oracle Home. The default EPM Oracle home location is <code>MIDDLEWARE_HOME/EPMSysstem11R1</code>.</li> <li>EPM Oracle Instance. The default location for the EPM Oracle Instance is <code>MIDDLEWARE_HOME/user_projects/epmsystem1</code>.</li> </ul> You can delete these folders after you apply the update and validate the installation.

**Table 1-11 (Cont.) Prerequisites for Applying Release 11.2.24**

Step	Description
Back Up Keystores	<p>Back up the keystores from:</p> <ul style="list-style-type: none"> <li>• MIDDLEWARE_HOME\jdk\jre\lib\security\cacerts</li> <li>• MIDDLEWARE_HOME\EPMSysstem11R1\common\JRE\Sun\1.8.0\lib\security\cacerts</li> </ul> <p><b>Note:</b> A new version of JDK is included with every 11.2.x Release update. During this update process, existing JDK folders are removed and replaced with newer versions. After applying the Release update, you must restore the backed up keystores (cacerts).</p> <p>To import the keystores, run the following command: Once the keystores are imported, restart all the EPM services for the changes to take effect.</p> <pre>keytool -import -alias alias_name -keystore &lt;path_to_keystore_file&gt; -file &lt;path_to_certificate_file&gt; -storepass keystore_password -trustcacerts</pre> <p>See <a href="#">Configuring SSL-Enabled External User Directories</a> for more information.</p>
TEMP Directory	<p>Redirecting the TEMP directory (/tmp) is <b>not</b> supported or feasible during the Apply Update procedure. Ensure the /tmp directory has sufficient space and the necessary permissions. Additionally, confirm that the noexec option is not set on the /tmp directory and remove it if it is enabled.</p>

## Applying Release 11.2.24

Release 11.2.24 applies a set of OPatches for all EPM system components on your environment. Oracle recommends that you apply the entire set using the `ApplyUpdate` utility.

Ensure that you meet all the prerequisites before you apply Oracle Enterprise Performance Management System Release 11.2.24 to your environment. See [Prerequisites](#) for more details.

From the [Oracle Software Delivery Cloud \(http://edelivery.oracle.com/\)](http://edelivery.oracle.com/), select the products that you licensed and add them to the cart. All required zip files are included. Select your platform, and download the files into `/download_location`.

For the list of deliverables in Release 11.2.24 (Release 11.2, Update 24), see [Overview](#):

Unzip the files into `/download_location`.

- Use a zip file extraction program that can handle long path names, such as 7-Zip.
  - If you are prompted that any files or common components already exist, click **Yes** to overwrite the files.
  - Unzip to a directory with no spaces in the name.
1. To Apply Release 11.2.24 (Release 11.2, Update 24):
    - a. On **Windows**: Launch **Windows PowerShell** as an Administrator from the **Start** menu. Navigate to the directory where you extracted the ZIP files and run the following script. For example, navigate to `11.2.24.0-Update-Win` directory and run the following script.

**Note**

- The following script must only be run with Administrator privileges.
- Before running the following script, ensure that you do not extract any additional OPatch ZIP folders or OPatch ZIP files under `11.2.24.0-Update-Win` directory (which contains the `ApplyUpdate.ps1` script) in addition to the ZIP files/folders that are already present.

```
.\ApplyUpdate.ps1 <MIDDLEWARE_HOME>
```

- b. On **Linux**: Navigate to the directory where you extracted the ZIP files. Run the following script from the directory where you extracted the ZIP file. For example, navigate to `11.2.24.0-Update-Linux` folder and run the following script:

**Note**

Before running the following script, ensure that you do not extract any additional OPatch ZIP folders or OPatch ZIP files under `11.2.24.0-Update-Linux` directory (which contains the `ApplyUpdate.sh` script) in addition to the ZIP files/folders that are already present.

```
./ApplyUpdate.sh <MIDDLEWARE_HOME>
```

2. Redeploy Oracle Hyperion foundation services after applying Release 11.2.24. For remote server, Weblogic Admin server must be up and running to redeploy and start Foundation services.

3. Redeploy Oracle Profitability services after applying Release 11.2.24. For remote server, Weblogic Admin server must be up and running to redeploy and start Foundation services.
4. Configure the Web Server including the LWA (Logical Address for Web Applications) if required.
5. You must now start all the services. For information about starting services, see Starting and Stopping EPM System Products in *Enterprise Performance Management System Installation and Configuration Guide*.

## Rolling Back Release 11.2.24

Ensure that you meet all the prerequisites before you proceed with the rollback feature.

The rollback feature allows you to rollback all the OPatches except the following:

- JDK OPatches
- Weblogic CPU OPatches
- Oracle Virtual Directory (OVD) OPatch
- Oracle HTTP Server (OHS) OPatch
- Fusion Middleware (FMW) OPatches
  - FMW.ADF
  - FMW.EM
- ODBC OPatch
- Oracle Hyperion Shared Services OPatch
- Oracle Hyperion Infrastructure OPatch

1. To Rollback the update:

- a. On **Windows**: Launch **Windows PowerShell** from the **Start** menu as an Administrator and run the following script from the directory where you extracted the ZIP file. For example, navigate to 11.2.24.0-Update-Win directory and run the following script:

```
.\RollbackUpdate.ps1 <MIDDLEWARE_HOME>
```

- b. On **Linux**: Navigate to the directory where you extracted the ZIP files. Run the following script from the directory where you extracted the ZIP file. For example, navigate to 11.2.24.0-Update-Linux folder and run the following script:

```
./RollbackUpdate.sh <MIDDLEWARE_HOME>
```

2. *Optional*: Install Microsoft VC++ 2010.

- a. Restart your machine.

- b. Redeploy all the web applications. Under Hyperion Financial Management (HFM), ensure that you check the **Configure Application Server** option.
3. You must now start all the services. For information about starting services, see *Starting and Stopping EPM System Products in Enterprise Performance Management System Installation and Configuration Guide*.

## Verifying Status

You can check the status of the ApplyUpdate or Rollback script by following one of the steps below:

1. Open Oracle Enterprise Management System Workspace, click **Help > About Oracle Enterprise Performance Management System Workspace, Fusion Edition > Show Details**.

2. Check the inventory for Oracle Enterprise Performance Management (EPM) OPatches. To check the inventory for EPM OPatches, enter the following command in one line:

Before running this command, ensure that you change the directory from the command line to : <MIDDLEWARE\_HOME>\EPMSysstem11R1\OPatch

- **On Windows:** `opatch lsinventory -oh <MIDDLEWARE_HOME>\EPMSysstem11R1 | findstr /i /L /c:"Patch"`
- **On Linux:** `opatch lsinventory -oh <MIDDLEWARE_HOME>\EPMSysstem11R1 | grep "Patch[ ][ ]"`

Sample Output:

```
D:\Oracle\Middleware\EPMSysstem11R1\OPatch lsinventory -oh
D:\Oracle\Middleware\EPMSysstem11R1\OPatch | findstr /i /L /c:"Patch"
Patch 33727616      : applied on Sun Feb 20 23:39:56 PST 2024
Patch 33678607      : applied on Sun Feb 20 23:36:01 PST 2024
Patch 33093748      : applied on Sun Feb 20 23:35:18 PST 2024
Patch 32720458      : applied on Sun Feb 20 23:34:51 PST 2024
```

3. Check the inventory for Oracle Fusion Middleware (FMW) OPatches. To check the inventory for FMW OPatches, enter the following command in one line:

Before running this command, ensure that you change the directory from the command line to : <MIDDLEWARE\_HOME>\OPatch

- **On Windows:** `opatch lsinventory -oh <MIDDLEWARE_HOME> | findstr /i /L /c:"Patch"`
- **On Linux:** `opatch lsinventory -oh <MIDDLEWARE_HOME> | grep "Patch[ ][ ]"`

Sample Output:

```
Oracle Interim Patch Installer version 13.9.4.2.7
OPatch version      : 13.9.4.2.7
OPatch detects the Middleware Home as "D:\Oracle\Middleware"
Patch 33727616      : applied on Tue Apr 12 19:02:01 EDT 2024
Unique Patch ID:    24578917
Patch description:  "WLS PATCH SET UPDATE 12.2.1.4.220105"
Patch 33678607      : applied on Tue Apr 12 18:59:04 EDT 2024
Unique Patch ID:    24558585
Patch description:  "RDA release 20.4-20211126 for OFM SPB"
Patch 33093748      : applied on Tue Apr 12 18:58:36 EDT 2024
```

```

Unique Patch ID: 24325771
Patch description: "One-off"
Patch 32720458 : applied on Tue Apr 12 18:58:19 EDT 2024
Unique Patch ID: 24558359
Patch description: "JDBC 19.3.0.0 FOR CPUJAN2022 (WLS 12.2.1.4, WLS 14.1.1)"
Patch 1221412 : applied on Tue Apr 12 18:57:54 EDT 2024
Unique Patch ID: 24516660
Patch description: "Bundle patch for Oracle Coherence Version 12.2.1.4.12"
Patch 33697227 : applied on Tue Apr 12 18:54:58 EDT 2024
Unique Patch ID: 24560598
OPatch succeeded.

```

4. Check the inventory for Oracle HTTP Server (OHS) OPatches. To check the inventory for OHS OPatches, enter the following command in one line:

```

C:\Oracle\Middleware\ohs\OPatch>opatch.bat lsinventory -oh
C:\Oracle\Middleware\ohs | findstr /i /L /c:"Patch"

```

The log file details and location of the files are described in the table below:

**Table 1-12 Log Names and Location**

Script	Summary Log File Name	Detail Log File Name	Location
ApplyUpdate	ApplyUpdateSummary.log	ApplyUpdateDetail- <Day>.<DD>.<MM>.<YYYY>- <HH>.<MI>.<SS>.log	<EPM_ORACLE_HOME>/diagnostics/ logs/install/
RollbackUpdate	RollbackUpdateSummary.log	RollbackUpdateDetail- <Day>.<DD>.<MM>.<YYYY>- <HH>.<MI>.<SS>.log	<EPM_ORACLE_HOME>/diagnostics/ logs/install/

Summary log contains the status of each product OPatch and detail log contains the detailed information about the status of each OPatch applied along with the OPatch output. For more details on OPatches Common Error Messages, tips and troubleshooting, see [Tips and Troubleshooting](#).

## Optional: Applying Individual OPatches

Oracle recommends that you apply the set of Oracle Enterprise Performance Management System Release 11.2.24 product OPatches together, using the ApplyUpdate script. See [Applying Release 11.2.24](#) for more details.

However, you can also apply selected OPatches based on your operating system environment:

**Note**

It is recommended to take a back up of the original `configure<OS>.properties` file before you edit the properties file for the desired OPatches.

1. From the directory where you downloaded and extracted the `11.2.24.0-Update-<OS>` folder, open `configureWindows.properties` or `configureLinux.properties` file based on your operating system.
2. In the `configure<OS>.properties` file, include only those products that you want to apply. For example, if you want to apply Oracle Hyperion Calculation Manager OPatch, ensure that the entry `CALC=38612041` is present in the `configure<OS>.properties` file. The list of individual products and their OPatch IDs in the `configure<OS>.properties` file are listed below:

- `CALC=38612041`
- `FCM=38463478`
- `FDMEE=38594330`
- `FR=38603648`
- `HFM=38609827`
- `HP=38613266`
- `HPCM=38603599`
- `HSS=38577554`
- `Infra=38577557`
- `InfraCommon=38245230`
- `TAXPROV=38624174`
- `Workspace=38588042`

For more details on individual EPM system products, OPatch ZIP file names and OPatch IDs, see [OPatch Dependencies and Details](#).

3. Run the `ApplyUpdate` Script to apply the individual OPatch:
  - On **Windows**:

**Note**

The following script must only be run with Administrator privileges.

```
ApplyUpdate.ps1 <MIDDLEWARE_HOME>
```

- On **Linux**:

```
ApplyUpdate.sh <MIDDLEWARE_HOME>
```

**Note**

For additional information, refer to your individual OPatch Readme Guide.

## OPatch Dependencies and Details

The following table lists the set of OPatches and dependencies for individual EPM system components:

**Table 1-13 OPatch Details**

Product	Product OPatch ID	OPatch Dependency - Component	OPatch Dependency - ID
Oracle Hyperion Calculation Manager (CALC)	38612041	NA	NA
Oracle Hyperion Financial Data Quality Management Enterprise Edition (FDMEE)	38594330	NA	NA
Oracle Hyperion Financial Close Management (FCM) <b>Note:</b> Oracle Hyperion Tax Governance is included in this OPatch.	38463478	NA	NA
Oracle Hyperion Financial Management (HFM)	38609827	<b>ADF</b>	<b>38015786</b>
		<b>WebLogic</b>	<b>38160905</b>
Oracle Hyperion Financial Reporting (FR)	38603648	NA	NA
Oracle Hyperion Planning (HP)	38613266	NA	NA
Oracle Hyperion Profitability and Cost Management (HPCM)	38603599	NA	NA
Oracle Hyperion Shared Services (HSS)	38577554	<b>Oracle Hyperion Infrastructure (Infra)</b>	<b>38577557</b>

**Table 1-13 (Cont.) OPatch Details**

Product	Product OPatch ID	OPatch Dependency - Component	OPatch Dependency - ID
Oracle Hyperion Infrastructure (Infra)	38577557	<b>Oracle Hyperion Shared Services (HSS)</b>	38577554
Oracle Hyperion Infrastructure (Infra) Commons	38245230	NA	
Oracle Hyperion Tax Provision (TAXPROV)	38624174	NA	NA
Oracle Hyperion Enterprise Performance Management Workspace (Workspace)	38588042	NA	NA

## Error Correction Policy

This topic outlines the error correction policies for Oracle Enterprise Performance Management (EPM) Release 11.2.x.

For information on the **Oracle Enterprise Performance Management Error Correction Policy**, visit these My Oracle Support articles:

- Oracle Enterprise Performance Management (EPM) 11.2 Software Error Correction Policy [[Doc ID 2749950.1](#)]
- Oracle Enterprise Performance Management (EPM) Release 11.2 Grace Periods for Error Correction [[Doc ID 2627593.1](#)]
- Oracle Hyperion Financial Management Error Correction will be OPatch based.

## Defects Fixed

Release 11.2.24 resolves the following defects:

**Table 1-14 Defects Fixed in 11.2.24**

Defect Number	Description
<b>Oracle Hyperion Financial Management</b>	
38536790	JOURNAL REPORTS SHOWS GARBLE/UNPRINTABLE JAPANESE AFTER 11.2.21.
37388603	HFM INSIGHTS HANGS "FETCHING DATA.." CAUSING HYS9FINANCIALMANAGEMENTWEB_EPMSYSTEM1.EXE TO HOLD 100% OF 1 CPU.

**Table 1-14 (Cont.) Defects Fixed in 11.2.24**

<b>Defect Number</b>	<b>Description</b>
34482440	TASK LISTS AND FAVORITES IN HFM 11.2.2 DO NOT HOLD THEIR POSITION.
38493450	HFM HSXSERVER LOGGING.XML MISSING LOG ROTATION SETTINGS FOR EPMLCMCL-HANDLER.
38395800	JOURNAL EXTRACT SHOWS DUPLICATE RECORDS WHEN EXTRACTING FROM HFM USING FDMEE.
38185018	ADF_FACES-60097 ERROR OCCURS WHILE TRYING TO DELETE JOURNAL GROUP FROM WORKSPACE.
38445164	AFTER APPLYING EPM 11.2.22, USERS UNABLE TO REFRESH OR SUBMIT DATA IN THE SMARTVIEW.
38311975	HFM - WEBFORM POV DROPDOWN NOT WORKING AFTER CONSOLIDATE - RUNNINGTASKS.
<b>Oracle Hyperion Financial Reporting</b>	
38086053	Expanding folders is slower in Workspace after upgrading to 11.2.17.
38655995	An error occurs when saving a batch output into an external directory.
38657310	Receiving the error 'unable to process request' in report preview.
<b>Oracle Hyperion Financial Close Management</b>	
38459502	ARM: Allow for more than 100 Periods in all areas of the product, including Report Binders.
38589381	FCM: Prevent scrollbars from appearing in Tasks count table cell of Dashboards.
37404005	ARM: Allow Report Binders to be created when Account IDs have trailing spaces in their names.
38749464	ARM: Allow Reconciliations with aging violations and more than 1000 transactions to be successfully imported via LCM.
<b>Oracle Hyperion Planning</b>	
37467784	The custom defined function @HspDateDiff() may not return the correct value for certain dates.
37372047	Creating a member using member of fly feature may result in data loss for specific member if Planning database refresh fails. <b>Note:</b> Administrators need to define the below Planning Application Property by navigating to <b>Administration &gt; Application &gt; Properties &gt; Application Properties</b> in Planning web and set the value to "true" IGNORE_FORMULA_ERROR_FOR_MEMBER_ON_THE_FLY
38274152	Member formula validation may fail if the member is enabled only for ASO cube.
38188966	Invalid numeric values may be pasted to data cells of type Smartlist in Planning data form in SmartView.
31676434, 38458799	Accessibility issues in Planning.

**Table 1-14 (Cont.) Defects Fixed in 11.2.24**

Defect Number	Description
38248443	Member search may not work when editing dimension using Planning admin extension in SmarView.
38301960	Map Reporting Application may fail if dynamic calc member from sparse dimension is used.
<b>Oracle Hyperion Workspace</b>	
38459483	Edit permissions dialog not accepting <b>Accept (Enter)</b> / <b>Cancel (Escape)</b> keys.

See [Defects Fixed: 11.2.0 - 11.2.23](#) for the list of cumulative defects fixed starting from Release 11.2.0.

## Known Issues

Release 11.2.24 includes the following known issues.

**Table 1-15 Known Issues in 11.2.24**

Defect Number	Description
<b>Oracle Hyperion Infrastructure Technology</b>	
38584088	Creating a new Taskflow with the browser language set to <b>French Canadian</b> results in an error due to missing variables. The Taskflow works as expected when the browser language is set to <b>English</b> , but it fails in other languages.
38257991	In HFM environments upgraded to 11.2.19 or later, users with their browser language set to <b>Italian</b> experienced errors when editing task flow start dates. The system displayed dates in DD/MM/YYYY format, but saving triggered an Invalid start date format. <b>Workaround:</b> Ensure to use DD/MM/YYYY format to avoid "Invalid month value" error.
<b>Oracle Hyperion Financial Reporting</b>	
NA	<ul style="list-style-type: none"> <li>Prepositions used in search strings are not working. For example, when you search: <ul style="list-style-type: none"> <li>"StockAgeing_analysis by BS", if you remove "by" it works.</li> <li>"PL by entities", search string "PL entities" works fine</li> </ul> </li> <li>When using the search feature, ensure the search text field on Workspace's top right side has the intended search string, or if using Advanced Search this top right search field is empty; otherwise, it will append the previous search text and the new search text.</li> </ul>
<b>Oracle Hyperion Profitability and Cost Management</b>	

**Table 1-15 (Cont.) Known Issues in 11.2.24**

Defect Number	Description
35715398	<p>Because of an Essbase Error (1290010) in Essbase 21c, calculations for one or more POVs are unsuccessful. This is caused when an allocation or other calculation script runs longer than the time allowed by the current Essbase configuration. Workaround: Add the following lines to the <code>essbase.properties</code> file to prevent the timeout:</p> <ul style="list-style-type: none"> <li>• <code>olap.server.netSocketTryInfinite=false</code></li> <li>• <code>olap.server.netRetryCount=144000</code> (144000 is equivalent to 8 hours)</li> </ul> <p>For more details, see the Provider Services Configuration chapter in Configuration Reference for Oracle Essbase.</p>
35743432	<p>Member formulas requiring double quotes in their syntax can be imported in Update Dimension by using double double quotes around the formula. However, if that dimension is later exported using Export Dimension, those formulas will each be exported with only a single set of double quotes. To re-import that dimension using the exported the file, the file must be edited to re-add the extra set of double quotes for each formula that requires double quotes in its syntax.</p>
38412133	<p>Occasionally, a deploy cube failure occurs when using an APS Essbase connection in a Windows distributed environment configured for SSL. As a workaround, use an embedded Essbase connection to complete the deploy operation successfully.</p>
36888486	<p>By default, Profitability and Cost Management supports up to 15 Management Ledger applications. This limit is in place because Management Ledger applications use a dimension cache to accelerate UI interactions and improve the performance of batch jobs. During the startup of the Profitability service, the cache for all existing Management Ledger applications is loaded. The limit prevents out-of-memory errors during service startup, and long service startup times. Starting in Release 11.2.19, the applications limit is controlled by a user-configurable governor which allows you to increase this limit, provided the server is configured with sufficient memory. Contact Oracle Support if you need access to this governor.</p>
35889576	<p>When you install Profitability and Cost Management on Linux using a language other than English, only that language will be functional for end users in the UI, even after you select a different language in the browser settings.</p> <p>When you install on Linux using English, all supported languages will be available for end users, by changing the language in the browser settings. This problem is not known to affect Windows installations.</p>

**Table 1-15 (Cont.) Known Issues in 11.2.24**

Defect Number	Description
36198484	<p>For clustered environments where there are more than one managed Profitability instance, e.g. Profitability0 and Profitability1, there is an installation preference that must be set in order to fully enable the communication between the clustered nodes. Execute the following SQL in a tool like Oracle SQL Developer, while logged in as the Profitability product schema owner. Be sure to commit the change, and then restart the Profitability service.</p> <pre>INSERT INTO HPM_INSTALLATION_PREFERENCE  ( ID,NAME,VALUE,HPM_INSTALLATION_ID,CREATED_TIMESTAMP,CREATED_USERID,MODIFIED_TIMESTAMP,MODIFIED_USERID,DISPLAY_ORDER)  VALUES (46, 'dimension.cache.cluster.refresh.enabled', 'Y', 1, SYSDATE, 'INIT', SYSDATE, 'INIT', 46);</pre> <p>This will ensure that dimension updates will be visible in both nodes. If you revert to non-clustered mode, you should delete this row and restart the Profitability service, to disable the dimension cache cluster refresh.</p>
36353159	<p>When a Profitability application template exported from a Windows instance is successfully imported into Linux instance, a rare failure to create the Essbase cube from the InputData content in the template may occur. This rare situation is generally discovered when accessing the missing cube. To resolve the issue, follow these steps:</p> <ol style="list-style-type: none"> <li>1. Use <b>Manage Database &gt; Essbase Deploy</b> to create the calculation cube.</li> <li>2. Use <b>Manage Database Data Load</b> to load the text file found within the template's InputData folder.</li> </ol>
35659280	<p>Standard Profitability Applications are no longer supported, and will not be accessible in this patch.</p> <p>If you installed this patch but are still using Standard applications, you should roll back this patch. Your standard applications will become accessible again after rolling back this patch and then reregistering each application. To reregister:</p> <ol style="list-style-type: none"> <li>1. In the <b>Profitability Applications</b> console, select the Standard application that you want to continue using, then select <b>Re-Register</b> from the <b>Actions</b> menu.</li> <li>2. In the Workspace Navigator, select <b>Applications</b> and then, click <b>Refresh</b>. You will now see the reregistered application in the <b>Applications &gt; Profitability</b> list.</li> </ol>
36124578	<p>Starting with the 11.2.16 release, the REST Sample Client can only be run on the server where Profitability and Cost Management is installed. See the <a href="#">Oracle Hyperion Profitability and Cost Management REST API Developer's Guide</a> for details.</p>

See [Known Issues: 11.2.0 - 11.2.23](#) for the list of cumulative known issues starting from Release 11.2.0.

## Tips and Troubleshooting

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

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

## Documentation Updates

### 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](http://edelivery.oracle.com/EPD/WelcomePage/get_form)).

## Appendix

### New Features: 11.2.8 - 11.2.23

This section includes the list of cumulative new features starting from Release 11.2.8. You can also review the list of new features from previous releases by using the Cumulative Feature Overview (CFO) 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 CFO tool is available here: <https://apexapps.oracle.com/pls/apex/f?p=20620:1:0>

**Table 1-16 New Features: 11.2.0 - 11.2.23**

Release	Link to New Features
New Features: 11.2.18 - 11.2.23	<a href="#">11.2.18</a>   <a href="#">11.2.19</a>   <a href="#">11.2.20</a>   <a href="#">11.2.21</a>   <a href="#">11.2.22</a>   <a href="#">11.2.23</a>
New Features: 11.2.13 - 11.2.17	<a href="#">11.2.13</a>   <a href="#">11.2.14</a>   <a href="#">11.2.15</a>   <a href="#">11.2.16</a>   <a href="#">11.2.17</a>
New Features: 11.2.8 - 11.2.12	<a href="#">11.2.8</a>   <a href="#">11.2.9</a>   <a href="#">11.2.10</a>   <a href="#">11.2.11</a>   <a href="#">11.2.12</a>

## Defects Fixed: 11.2.0 - 11.2.23

This section includes the list of cumulative defects fixed starting from Release 11.2.0.

**Table 1-17 Defects Fixed: 11.2.0 - 11.2.23**

Release	Link to Defects Fixed
Defects Fixed: 11.2.21 - 11.2.23	<a href="#">11.2.21</a>   <a href="#">11.2.22</a>   <a href="#">11.2.23</a>
Defects Fixed: 11.2.16 - 11.2.20	<a href="#">11.2.16</a>   <a href="#">11.2.17</a>   <a href="#">11.2.18</a>   <a href="#">11.2.19</a>   <a href="#">11.2.20</a>
Defects Fixed: 11.2.11 - 11.2.15	<a href="#">11.2.11</a>   <a href="#">11.2.12</a>   <a href="#">11.2.13</a>   <a href="#">11.2.14</a>   <a href="#">11.2.15</a>
Defects Fixed: 11.2.6 - 11.2.10	<a href="#">11.2.6</a>   <a href="#">11.2.7</a>   <a href="#">11.2.8</a>   <a href="#">11.2.9</a>   <a href="#">11.2.10</a>
Defects Fixed: 11.2.0 - 11.2.5	11.2.0 (NA)   <a href="#">11.2.1</a>   <a href="#">11.2.2</a>   <a href="#">11.2.3</a>   <a href="#">11.2.4</a>   <a href="#">11.2.5</a>

## Known Issues: 11.2.0 - 11.2.23

This section includes the list of cumulative known issues starting from Release 11.2.0.

**Table 1-18 Known Issues: 11.2.0 - 11.2.23**

Release	Link to Known Issues
Known Issues: 11.2.21 - 11.2.23	<a href="#">11.2.21</a>   <a href="#">11.2.22</a>   <a href="#">11.2.23</a>
Known Issues: 11.2.16 - 11.2.20	<a href="#">11.2.16</a>   <a href="#">11.2.17</a>   <a href="#">11.2.18</a>   <a href="#">11.2.19</a>   <a href="#">11.2.20</a>
Known Issues: 11.2.11 - 11.2.15	<a href="#">11.2.11</a>   <a href="#">11.2.12</a>   <a href="#">11.2.13</a>   <a href="#">11.2.14</a>   <a href="#">11.2.15</a>
Known Issues: 11.2.6 - 11.2.10	<a href="#">11.2.6</a>   <a href="#">11.2.7</a>   <a href="#">11.2.8</a>   11.2.9 (NA)   <a href="#">11.2.10</a>
Known Issues: 11.2.0 through 11.2.5	<a href="#">11.2.0</a>   <a href="#">11.2.1</a>   <a href="#">11.2.2</a>   <a href="#">11.2.3</a>   <a href="#">11.2.4</a>   <a href="#">11.2.5</a>

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### Oracle Enterprise Performance Management System Readme

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