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# Oracle® Hyperion Provider Services

**Release 11.1.2.1.000 Patch Set (PS): 11.1.2.2.000**

## Readme

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## About this Patch

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

**Who should apply this patch:** This PS contains defect fixes and changes that are specific to the Oracle Exalytics In-Memory machine. You should install this PS only in the following circumstances:

- You are installing Essbase on the Exalytics In-Memory Machine, or
- There is an urgent need for a defect fix that is included in this PS

Customers considering this PS for a platform other than the Exalytics In-Memory Machine should carefully review the list of fixed defects. If there is not a truly urgent need for a defect fix included in this PS, Oracle recommends customers install the upcoming Enterprise Performance Management (EPM) 11.1.2.2.000 release, which will contain an update, instead of this patch set. To check the availability of the EPM 11.1.2.2.000 release prior to installing this PS, visit the Oracle Software Delivery Cloud (<https://edelivery.oracle.com>).

Oracle highly recommends that you do extensive testing before making this patch available in a general production environment.

**Caution:** Once applied, you cannot roll back this patch or any other Essbase 11.1.2.2.000 component patch.

## Patch Type

This PS replaces files in the existing installation and does not require a full installation. This PS is a cumulative patch including all items previously released in Provider Services Release 11.1.2.1.102.

## Supported Paths to this Patch

You can apply this patch to the following releases:

- Provider Services Release 11.1.2.1
- Provider Services Release 11.1.2.1.102

## Prerequisites

### Other Required Patches

Patch 12732564 for EPM System Installer

### Required User Rights

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

#### Windows:

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

#### UNIX/Linux:

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

## Supported Platforms

Applies to all supported platforms.

## Supported Languages

Applies to all supported languages.

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## New Features

### Essbase Web Services

Web services are self-contained, modular applications that one can describe, publish, locate, and invoke over a network. Web services allow access to regular applications using a Web browser. Web services use XML to code and decode data, and SOAP (Simple Object Access Protocol) to transport it.

Essbase Web Services will expose Essbase user and administrative functionality in a services-oriented (SOA) environment via Provider Services, and allow Essbase to be easily integrated with both Oracle and third-party applications.

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## Defects Fixed in this Patch

Use the Defects Fixed Finder tool to review the list of defects fixed prior to release 11.1.2.2.000. This tool is available here:

<https://support.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id=1292603.1>

Defect Number	Defect Fixed
• 12913916	In the Smart View Member Selection window, searching for members with aliases that are stored in a non-default alias table does not work. The members are not found, and no error is displayed.
• 12896745	If a cube created in Essbase Studio is deployed to Essbase and opened using Smart View, when the Studio service is running and an ad-hoc drill-down is initiated, the following error message may occur: <code>Dimension signature mismatch in @ function ~[SET CONSTRUCTOR]~ on line ~[1]</code>
• 13406653	In Smart View, when executing an Essbase Studio drill-through report on duplicate members, the error message "Cannot perform cube view operation.null" may occur.
• 13112801	Open JAPI connections to Essbase may unexpectedly be terminated with the following error message: "Cannot set active application/cube. Essbase Error(1051021): You have been logged out due to inactivity or explicitly by the administrator."
• 13078240	The file <code>&lt;APS_HOME&gt;\lib\essconfiguration.jar</code> is no longer needed, and has been removed.
• 12931820	Executing an MDX query may result in the following error message: <code>Cannot perform cube view operation.</code>  Calling <code>IEssOpMdxQuery.setQuery</code> with <code>needCellStatus = true</code> may prevent this error.
• 12913916	In the Smart View Member Selection window, searching for members with aliases that are stored in a non-default alias table may not work. The members are not found, and no error is displayed.
• 12788139	When retrieving a qualified member name for an alias name containing "++", an incorrect member name is returned.
• 11694142	The JAPI client may not properly handle an unexpected socket closure from Essbase.
• 12781645, 12656037	The JAPI client may fail to recognize the status of an Essbase data load.

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## Known Issues in this Patch

The following are the noteworthy known issues for this patch:

## Essbase Web Services are by default not enabled for logging messages

The Essbase Web Services component of Provider Services is not enabled for ODL logging by default. To enable logging for Web Services, perform the following procedure:

1. Open the file `logging.xml`, located by default in  
`<MIDDLEWARE_HOME>\user_projects\domains\EPMSys\config\fmwconfig\servers\<APS_SERVER_INSTANCE>`, where `<APS_SERVER_INSTANCE>` is the name of the Provider Services instance in WebLogic.

2. Under the `<log_handlers>` element, insert the following:

```
<log_handler name='essbase-ws-handler'  
class='oracle.core.ojdl.logging.ODLHandlerFactory'  
  <property name='path'  
value='${domain.home}/servers/${weblogic.Name}/logs/essbasews.log' />  
  <property name='maxFileSize' value='10485760' />  
  <property name='maxLogSize' value='104857600' />  
</log_handler>
```

3. Under the `<loggers>` element, insert the following:

```
<logger name='oracle.EPMOHEWS' level='WARNING:1' useParentHandlers='false'  
  <handler name='essbase-ws-handler' />  
</logger>
```

4. Save the file and restart Provider Services.

**NOTE:** `level` can be modified to any valid logging level.

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## Applying this Patch

The section includes important information about applying this patch for Provider Services.

When installing this release, replace `<PATCH ID>` in these instructions with the patch id 11892451.

**Caution:** Once applied, you cannot roll back this patch or any other Essbase 11.1.2.2.000 component patch.

To apply this patch:

1. Ensure that EPM System and Provider Services are updated to Release 11.1.2.1 or later.
2. Stop all services.
3. Back up Provider Services. For example, for a typical Provider Services installation, back up the following directories:

```
<EPM_ORACLE_HOME>/products/Essbase/aps/AppServer/InstallableApps/Common/aps.ear  
<EPM_ORACLE_HOME>/common/EssbaseJavaAPI/11.1.2.0/lib/ess_es_server.jar  
<EPM_ORACLE_HOME>/common/EssbaseJavaAPI/11.1.2.0/lib/ess_japi.jar  
<EPM_ORACLE_HOME>/products/Essbase/aps/lib/aps_upgrade.jar  
<EPM_ORACLE_HOME>/upgrades/aps/upgradeApplication_ps1.bat  
<EPM_ORACLE_HOME>/upgrades/aps/upgradeApplication_ps1.sh
```

4. Apply patch 12732564 for the EPM System Installer by executing steps 6-8 below and replacing <PATCH\_ID> with 12732564.
5. Apply the patch for Provider Services Release 11.1.2.2.000, patch ID 11892451, by executing steps 6-8 below and replacing <PATCH\_ID> with 11892451.
6. Download and unzip the downloaded patch file, <PATCH\_ID>\_<PLATFORM\_ID>.zip, to the <EPM\_ORACLE\_HOME>/OPatch directory (by default, Oracle/Middleware/EPMSys11R1/OPatch).

**NOTE:** <PATCH\_ID>\_<PLATFORM\_ID>.zip is the name that My Oracle Support assigns to this patch. When you download the file, a message indicates the file name.

7. On the machine hosting Provider Services, launch command prompt and change the directory to <EPM\_ORACLE\_HOME>/OPatch.
8. To apply the patch, enter the following command on one line:

**Windows:**

```
opatch.bat apply <EPM_ORACLE_HOME>\OPatch\<patch_no> -oh <EPM_ORACLE_HOME> -jre
<MIDDLEWARE_HOME>/jdk160_21
```

**NOTE:** The default for <EPM\_ORACLE\_HOME> is C:\Oracle\Middleware\EPMSys11R1. The default for <MIDDLEWARE\_HOME> is C:\Oracle\Middleware.

**UNIX/Linux:**

```
./opatch apply <EPM_ORACLE_HOME>/OPatch/<patch_no> -oh <EPM_ORACLE_HOME> -jre
<MIDDLEWARE_HOME>/jdk160_21 -invPtrLoc <EPM_ORACLE_HOME>/oraInst.loc
```

**NOTE:** The default for <EPM\_ORACLE\_HOME> is \$HOME/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE\_HOME> is \$HOME/Oracle/Middleware.

9. Edit \$domain\_home/init-info/domain-info.xml and downgrade the version of "Oracle EPM APS" template to "11.1.2.0"

For Example modify this entry –

```
<extention-template-ref name="Oracle EPM APS" version="11.1.2.1"
location="C:\Oracle\Middleware\EPMSys11R1\common\templates\applications\epm_a
ps_11.1.2.1.jar"/>
```

to

```
<extention-template-ref name="Oracle EPM APS" version="11.1.2.0"
location="C:\Oracle\Middleware\EPMSys11R1\common\templates\applications\epm_a
ps_11.1.2.1.jar"/>
```

10. Undeploy the existing Provider Services deployment using the Weblogic admin console.
11. Deploy Provider Services using the EPM System Configurator.
12. Perform the edit in step 9, above, again.
13. Check that Provider Services and Foundation are up and running.

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## Rolling Back this Patch

You cannot roll back this or any other Essbase 11.1.2.2.000 component patch.

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## Troubleshooting FAQs

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

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

#### Windows:

```
opatch.bat lsinventory -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_21
```

NOTE: The default for <EPM\_ORACLE\_HOME> is C:/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE\_HOME> is C:/Oracle/Middleware.

#### UNIX/Linux:

```
./opatch lsinventory -oh <EPM_ORACLE_HOME> -jdk <MIDDLEWARE_HOME>/jdk160_21
```

NOTE: The default for <EPM\_ORACLE\_HOME> is C:/Oracle/Middleware/EPMSys11R1. The default for <MIDDLEWARE\_HOME> is C:/Oracle/Middleware.

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

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

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

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

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

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

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

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

The following warnings have occurred during OPatch execution:

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

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OPatch Session completed with warnings.

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