
Oracle Hyperion® Provider Services

Release 9.3.3.0.00

Readme

To view the most recent version of this Readme, see the 9.3.x documentation library on Oracle Technology Network (OTN) at <http://www.oracle.com/technology/documentation/epm.html>.

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About This Release

This Readme file describes the defects fixed in Oracle Hyperion Provider Services Release 9.3.3.0.00 as well as the necessary requirements and instructions for installing this release.

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

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

Release Type

This is a cumulative release and incorporates all service fixes to the 9.3.1 release.

This release requires a full installation of Provider Services.

Supported Installation Paths

The supported installation path for Release 9.3.3 is from Release 9.3.1 and subsequent service fixes and packs only.

Supported Platforms

Information about system requirements for EPM System products is now available in a spreadsheet format in the *Oracle Hyperion Enterprise Performance Management System Certification Matrix*. System requirements are no longer part of the *Oracle Hyperion Enterprise Performance Management System Installation Start Here*.

This matrix is posted on the Oracle Fusion Middleware Supported System Configurations page on OTN: <http://www.oracle.com/technology/products/bi/hyperion-supported-platforms.html>

Supported Languages

Release 9.3.3 is English only.

Release Compatibility

For most deployment scenarios, Release 9.3.3 is interoperable only with other Release 9.3.3 products. This means that you must upgrade all products in your environment to Release 9.3.3.

However, note these exceptions: If you are using Performance Management Architect 9.3.1.x, you must upgrade Performance Management Architect to Release 11.1.1.3. In addition, if you are upgrading to Release 9.3.3 in order to integrate with EPM System Financial Close Management Release 11.1.2 and/or EPM System Disclosure Management Release 11.1.2, some additional releases are compatible. For more information, see the Hyperion Installation Start Here chapter, "Using Release 9.3.3 Product With Components From Later Releases" and "Release Compatibility". See <http://www.oracle.com/technetwork/middleware/performance-management/documentation/index.html>

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Defects Fixed in Release 9.3.3.0.00

9816752, 9203599 – In Smart View, you may experience performance issues when you perform ad hoc operations.

9816745, 9203650 – In Smart View, you may experience performance issues when you filter on level 0.

9691114 – Submitting data with HsSetValue fails if the alias table is set to long names.

9664808, 8626655 – In the Smart View Query Designer, an error is returned if you try to use the generations filter.

9863260 – In the Smart View Query Designer, an error is returned if you try to use the levels filter on a child of a dimension.

9583806 – The `essbase.properties` configuration file under `APS_HOME\bin` supports the following properties to configure APS logging:

- o `system.log.file.max.backup.files`

This is a new property for defining the maximum number of Provider Services Server log files to be retained. The default value is 10.

- o `system.log.file.buffer.size`

The `system.log.file.buffer.size` property specifies the maximum size of the log files in MB. The default value is 10 MB.

- o `system.log.file.option`

This is an option to append or recreate the Provider Services log file on restart.

Valid values: {0, 1}

0 – Recreates the log file every time Provider Services starts.

1 – Allows the log file to grow by appending to existing log (if any) during server restarts.

The default value is 1.

9086019 – Essbase webservice adds <null> elements to the XML that do not conform to the schema embedded in the same document.

8933103 – Only 10,000 members are returned for the XMLA Discover command even though Discover has no upper limit for the number of returned members.

8771928 – If user tries to access an application without the credentials to do so, the application times out. After the fix, an error message states, *"User <user name> is not permitted to access application <application name>."*

8545459 – The SSO token incorrectly is available in the Provider Services log when the server runs in debug mode.

8328471 – In Smart View, if you change an alias table after refreshing, you may receive an error message, *"Invalid POV found in Display POV."*

7711087 – If Suppress Missing is selected in the Options dialog box, row members disappear and *"Invalid free form, No row dimension found"* is displayed. This message is incorrect. The correct message is *"Resulting grid does not contain at least one row, one column, and one POV. If you have any Suppress Rows options selected, please clear them."*

6588189 (enhancement) Provider Services no longer permits concurrent XMLA requests from the client in the same stateful session.

6587352 – Because MAXL capability through JAVA API was removed in a previous release, JMAXL.jar should be removed from the aps.war file.

6584879 – In the Smart View Query Designer, member names are incorrectly displayed in English when the German alias table is used in the POV.

6567922 – In the Smart View Member Selection dialog box, the Search button returns a member from one dimension only rather than from all dimensions that share that member.

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Defects Fixed in Release 9.3.1.6.0

9111191 – After choosing preview data on an empty database, an empty error dialog box is displayed.

Important: To benefit from this fix, you must complete the following steps for copying updated jar files to your Administration Services installation:

1. Copy the following files from the APS 9.3.1.6 lib folder, <APS_HOME>\lib:

`ess_server.jar, ess_japi.jar, ess_es_gui.jar`

2. Paste the files (overwriting the old ones) to <EAS_HOME>/console/lib

8909492 – Failover in Essbase clusters is not working as expected with the use of alias tables.

9110814 – Provider Services incorrectly allows concurrent requests to be processed from the same session, resulting in corrupted data being sent to Essbase.

9121565 – When a user changes an alias table for the same POV member, its member aliases from two different alias tables both show up in the POV.

8896810, 9121565, 7310695 – When you browse members in Smart View Member Selection, you get an error message, "Cannot query members by name. Analytic Server Error (1060200): Cannot uniquely identify a member..." if there are duplicate alias names.

9205046 – JAPI does not work against an Essbase cluster created in Provider Services. It fails with an error similar to the following error:

```
ERROR [http-13080-Processor24]: - Time: Tue Dec 08 16:15:47 EST 2009,
Exception:
com.essbase.api.base.EssException: For input string:
"B97BD7F434571DEB819E1BDF5F0C168CF80518EA6BF5C3875778F1EB58520956370384D5775EFD056E
95745D084DA421D45A5638"
```

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Defects Fixed in Release 9.3.1.5.0

8736023 – Retrievals that include members that do not exist in the outline may cause Excel to terminate abnormally.

8373985 – If you have multiple Essbase Servers defined under Provider Services, when you create connections to these servers, the applications for the server that you expand first are listed for all Essbase Servers.

8774404 –The JAPI call, cube.openMemberSelect fails with an exception on non-unique applications that have more than eight alias tables.

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Defects Fixed in Release 9.3.1.4.0

8282497 – Using HSGETVALUE with cell references on sheets with multiple points of view locks up all open connections.

8231521 – After installing Provider Services 9.3.1.3 on Win64, the default Tomcat server (located at <APS_HOME>/bin/StartAPSTomcatServer.bat) fails to run because JAVA_HOME is set incorrectly.

8210386 – Users with an active session are able to log on again using invalid passwords.

7834684 – Smart View clients connected to Provider Services 9.3.1.2 are not backward compatible with Essbase releases earlier than 9.3.1 when Essbase is deployed in Shared Services mode.

7757303 – Running an MDX query through JAPI against an application created with Studio returns this error: Error: Cannot perform cube view operation. Analytic Server Error6117

7707808 – Listing applications using the JAPI method getApplications () returns a com.essbase.api.base.Ess exception when the number of applications is greater than 525.

7700730 – When two consecutive cells with values of #missing return multiple LROs of different types, the returned LRO types are not correct.

7685570 – In Smart View, HSGETVALUE performance is slower in release 9.3.1.2 than in release 9.2.0.

7666239 – When Essbase Integration Server is not running, requests for drill-through from Smart View return a “Cannot perform cube view operation.null” error message.

7659650 – Refreshing cells containing =HSGETVALUE returns “#Invalid member xxxx for dimension xxxx” error message.

7649867 – Regression function values disappear when the alias table is changed.

7615604 – Ancestors are displayed in different positions when you zoom-in versus using member selection.

7572202 – In Smart View connected to Essbase, when you expand the Essbase node in Connection Manager to open the list of applications, you may get an error message. This happens only if you have more than 262 applications.

7452203 – In Smart View, if a large number of Essbase connections exists, adding an Essbase connection returns a “Cannot list olap applications. Null” error message, and the connection is not created.

7434553 – In Workspace, you cannot run Essbase drill-through from Web Analysis reports for users other than the administrator.

7263346 – In Smart View, submitting #missing using HSETVAL returns an “Empty String” error message.

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Defects Fixed in Release 9.3.1.3.x

8230958 – After installing Provider Services 9.3.1.3.00 on Win64, the default Tomcat server (located at <APS_HOME>/bin/StartAPSTomcatServer.bat) fails to run because JAVA_HOME is set incorrectly. The workaround for this issue is to edit <APS_HOME>/bin/StartAPSTomcatServer.bat, changing JDK-IA64 to JRE-IA64.

7664468 – SmartView clients connected to Provider Services 9.3.1.2.00 are not backward compatible with Essbase releases below 9.3.1 when Essbase is deployed in Shared Services mode. This fix enables Smart View clients to connect to Essbase servers deployed in Shared Services mode in releases below 9.3.1.0.00 through Provider Services release 9.3.1.3.00.

9.3.1.3.01

8300427 – When you open a saved Smart View worksheet with formulas, cell styles and formats, and change alias tables in the worksheet, this causes the formulas, cell styles and formats to disappear.

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Defects Fixed in Release 9.3.1.2.0

7310695 – When you browse members in Smart View Member Selection, you get an error message, “Cannot query members by name. Analytic Server Error (1060200): Cannot uniquely identify a member...” if there are duplicate alias names.

6862303 – In Business Rules, entering a numerical member name without quotation marks in runtime prompt may cause an abrupt termination.

7194637 – If you attempt to refresh a report from Smart View, you get an error, and the report is not refreshed.

7300897 – You may get an unexpected out-of-memory error on a Visual Explorer report.

Defects fixed in 9.3.1.1.x

6641431 – (Three related issues) When you use Provider Services 9.3.1 in a Shared Services environment to service Smart View and XMLA clients, the Essbase clustering failover functionality does not work when one of the components in the Essbase cluster is down. These components marked as bad are not added to the monitor thread and therefore cannot be brought back into the cluster. In this scenario while the failover takes place, if the token expires, no exception is thrown to the client.

6564655, 8-514151218 – When managing Shared Services models and naming applications, you cannot use the forward slash (/), backslash (\), or double quotation (") characters. All other alphanumeric and special characters can be used in application names.

6591886, 8-654259035 – Provider Services clustering cannot be traced because of insufficient logging.

6591885, 8-654259003 – When you administer Essbase clustering in Provider Services through the Essbase Administration Services console and select Add or Remove on an enabled cluster, the cluster definition is corrupted after you click Apply. When the next user clicks on the cluster through the Essbase Administration Services console, Disable, Apply, Remove, Apply, or Refresh actions cause all nodes in the cluster to be displayed as unavailable.

6588966, 8-645349990J – API clients cannot connect to clustered Provider Services.

6588601, 8-645349976 – The session id in clustered Provider Services is not unique; therefore, JAPI client requests are not sticky and are being routed to other nodes in cluster.

6588600, 8-645349961 – The property `system.allowAppserverScaling` in the `essbase.properties` file must be manually set to `true` to enable clustering on Provider Services. This property is now removed from `essbase.properties` file and you do not need to explicitly set this property to `true` any more.

6579078, 8-595743361 – The Hyperion® Provider Services configuration tool does not display WebLogic 9 or WebSphere 6.2 as options, even though both application servers are supported.

6614096 – XMLA support for named sets is broken in backwards compatibility from APS 9.3.1.1 to Essbase 9.2.1.

6590843, 8-659780423 – The Java API `buildDimension()` in `IEssCube` interface does not report errors into the error file.

6628242 – The API call `IEssCube.IEssSecurityFilter.setFilterRow` does not accept access levels supported by Essbase.

6588187, 8-641567677 – The temporary files generated during the processing of XMLA requests remain in the Tomcat temp directory. This fix deletes the temporary files.

6588188, 8-641567691 – An exception is thrown while getting Oracle's Hyperion® Essbase® - System 9 server version. This happens only the first time.

6588186, 8-641567651 – Duplicate session ids are generated when stateful sessions are being created. This results in possible failures when concurrent sessions get the same session id. This fix makes the session ids generated unique.

6590640, 8-655274370 – The generation name for the rowset MDSCHEMA_LEVELS has been added.

9.3.1.1.05

7278548 – Visual Explorer queries from remote computers are excessively slow.

7426028 – When you browse members in Smart View Member Selection, you get an error message, "Cannot query members by name. Analytic Server Error (1060200): Cannot uniquely identify a member..." if there are duplicate alias names.

7324087 – Provider Services does not disconnect user sessions when logout fails.

7300883 – You may get an unexpected out-of-memory error on a Visual Explorer report.

7028291 – When you change alias tables in Smart View, you may get an "Invalid POV found in Display POV" error.

9.3.1.1.04

6906660 – If you set security in LDAP to disallow multiple binds for the same user within a time window, authentication to Essbase from Smart View results in multiple binds in LDAP, which fails.

9.3.1.1.03

6952391 – You may receive the following error message after executing MDX queries :

```
Cannot perform cube view operation. Analytic Server Error(-1):  
Reached_limit_of_allowable_MDX_queries.
```

9.3.1.1.02

6882470 – If you use Smart View to connect to Essbase cubes registered with Shared Services, a list drill-through report operation on a drill-through cell does not return reports if the associated Integration Services model uses a recursive relational hierarchy.

9.3.1.1.01

6662008 – In Smart View, the alias table does not work with Dynamic Time Series members. If you try use Dynamic Time Series members after changing the alias table setting from None to Default, you get an error message that the member is invalid.

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Defects Fixed in Release 9.3.1.0

8-568738151 – The Drill Through operation via JAPI returns a maximum of 100 rows even if the SQL returns more than 100 rows.

8-589947466 – The Drill Through Java API does not close Essbase and Oracle connections after running.

8-541606733 – When using Hyperion Configuration Utility to specify a username and password for WebLogic, enter the username and password to use for the WebLogic administrator for the deployed application. It is not necessary to enter an existing WebLogic username and password .

8-540510911 – Provider Services can become unresponsive on AIX WebSphere 6.0.2.11 with JRE 1.4.2 when running with a high number of concurrent users .

1-212067873 – On HP-UX systems, when using the Hyperion Home Migration Utility to copy Hyperion Home components to a new location, the migration utility sometimes does not remove components from the old location .

8-537773201 – Using the JAPI function IEssCube.setActive on two databases within the same application concurrently does not set the second cube active .

8-531441875, 8-5326749 – 61In SSL mode, external user directories are inaccessible after upgrading from Release 9.2.x to 9.3.0 due to a change from JVM 1.4.2 to JVM 1.5. When configuring SSL for 9.2.x, certificates should have been imported into the JVM 1.4.2 location; after upgrading to 9.3.0, you must reimport the certificates into the new JVM location .

8-526612441, 8-518952581 – If you setup clustered Provider Services with High Availability and Load Balancing, Smart View client is unable to connect to either the High Availability or Load Balancing URL.

1-155071458 – When adding a cluster in the Provider Services node in Administration Console, localhost is not displayed as an available resource even though localhost is listed under the Standalone Servers node .

1-246275191 – On UNIX platforms, Application Server Deployment or Web Server Configuration tasks may fail if the temporary folder (as defined by the TEMP environment variable) contains *-build.xml files created by another user. Ensure that *-build.xml files do not exist in the temporary folder before running Hyperion Configuration Utility .

1-172254316 – Choosing to configure Provider Services with Tomcat as a Windows service in 64-bit Windows will cause an error message to occur when you attempt to start the service .

1-307406971 – When running Hyperion Configuration Utility after upgrading products from release 9.0.0 to release 9.2, the product selection page may display multiple listings for a product or may not list the product you are trying to configure .

1-91105301 – You cannot execute a drill-through report when the drill-through intersection contains duplicate (non-unique) member names.

1-88264668 – In Provider Services, the default idle session timeout is 60 minutes, which can be set in Administration Services Console. When connected to Provider Services and the connection is timed out due to inactivity, Smart View does not restore connection or mark the connection as disconnected. The only way to restore connection is to disconnect and reconnect to Provider Services using Connection Manager.

1-75952032 – On large retrievals, if the zoom in level is set to "All Levels," performance may be slower than usual.

1-119324550 – In the Smart View client Connection Manager, you cannot create connections to Analytic Provider Services through the Shared Services option. You must connect through the URL Provider option.

1-102903121 – If you are using Provider Services on Tomcat on Solaris, then use the default deployment for Tomcat. Do not use the Configuration Utility to deploy on Tomcat.

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Known Issues in Release 9.3.3.0.00

The following issues are the noteworthy known issues of this release.

9908193 – When XMLA client users attempt to connect to Provider Services, they are prompted to enter WebLogic Server credentials, then receive an “Error 401 Unauthorized” message. This happens if Provider Services is deployed on WebLogic 9.2 for Windows. Workaround:

1. Navigate to <HYPERION_HOME>\deployments\WebLogic9\config.
2. Open *config.xml* and edit as follows:

```
<security-configuration>  
...  
  
<enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>  
</security-configuration>
```
3. Navigate to <HYPERION_HOME>\deployments\WebLogic9\bin
4. Open startWebLogic.cmd and add -Dweblogic.configuration.schemaValidationEnabled=false as follows:

```
set JAVA_OPTIONS=%SAVE_JAVA_OPTIONS% -  
Dweblogic.configuration.schemaValidationEnabled=false
```
5. Restart the Provider Services server.

9904406 – **HP-UX installations:** When upgrading to Release 9.3.3 on the same HP-UX computer on which Release 9.3.1.x is installed, installation may fail due to file permission issues.

To avoid these file permission issues, perform these tasks before upgrading to Release 9.3.3:

1. Change directories to \$HYPERION_HOME/common.
2. Enter this command: `chmod -R 750 JCE JDBC XML loggers`
3. If Provider Services is installed, change directories to \$HYPERION_HOME/AnalyticProviderServices/lib.
4. Enter this command: `chmod 666 *.ico`

9057351 – In Smart View, numeric values in the member region next to a member name may lose its Excel number formatting after a refresh.

8463481 – In Smart View in Excel, columns may be exchanged after a refresh if you change a member name. This happens only if you use a member name from a different alias table. Workaround: use a member name from the same alias table as the original or use the member selector.

6584661, 8-629655841 – If you install 9.3.1 Provider Services over a previous version, two uninstall folders (uninstall and uninstall2) are created in \HYPERION_HOME\AnalyticProviderServices. Neither folder is active, and if you try to uninstall, you get a NULL error.

Using Hyperion Configuration Utility to re-deploy an existing web application to WebLogic 8.1.x does not work properly. A workaround is to first un-deploy the web application using the

application server admin console, and then use Hyperion Configuration Utility to deploy the web application fresh.

JAPI opens and shares a single connection with Analytic Services between all its interfaces for each JAPI session. JAPI uses counters to track the number of interfaces using the connection based on the `IEssCube.openCubeView/IEssDomain.openCubeView/IEssCube.openMemberSelection()` calls and hence the number of `IEssMemberSelection.close()` calls should match the number of `openMemberSelection()` calls for a proper closure of the connection. Improper usage of this API would result in errors while opening a `MemberSelection` to a different cube from the same session.

Application Server Directory Name Should Not Contain Spaces. To avoid deployment related issues with Shared Services, the directory name of your application server installation must not contain spaces.

If you are using Windows Server 2003 Service Pack 1 with Hyperion System 9 products, your system may experience an abnormal shutdown. To prevent this, install the update from Microsoft by going to: <http://support.microsoft.com/kb/923996/>

Users with empty passwords are not supported. Microsoft Active Directory sp2 and earlier releases of Hyperion applications are known to have connectivity issues over SSL. To resolve such issues, refer to: <http://support.microsoft.com/default.aspx?scid=kb;enus;Q320711>. Hyperion Remote Authentication Module 9.0.x does not support SSL connections on AIX.

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Installing Release 9.3.3.0.00

The section includes important information about installing this release of Provider Services.

See the 9.3.1.1 *Hyperion Provider Services Installation and Administration Guide* at <http://www.oracle.com/technology/documentation/epm.html> for general installation information.

If you are upgrading from a Provider Services version older than 9.3.3, perform the procedure below.

To install Provider Services:

1. Read the Known Issues section of this Readme.
2. Stop Provider Services if it is running.
3. Make a backup copy of `essbase.properties`, located in `APS_HOME\bin\`.
4. Make a backup copy of `domain.db`, located in `APS_HOME\data\`.
5. Install Provider Services 9.3.3 by running the installation programs provided in this release. For information on running Provider Services installation programs, see the *Hyperion Provider Services Release 9.3.1.1 Installation and Administration Guide* for the platform you are using.
6. Restore `essbase.properties`.
7. Restore `domain.db`.
8. Use the Configuration Utility to re-deploy Provider Services on the application server. You can also redeploy manually. See the *Hyperion Provider Services Release 9.3.1.1 Installation and Administration Guide*.

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