

# Oracle's Hyperion® Reporting and Analysis - System® 9

Release 9.3.1.3.00

## Readme File

This file contains the following sections:

<b>About This Service Pack .....</b>	<b>2</b>
<b>Supported Platforms .....</b>	<b>2</b>
<b>Supported Languages.....</b>	<b>2</b>
<b>Defects Fixed in Release 9.3.1.3.00.....</b>	<b>3</b>
<b>Financial Reporting .....</b>	<b>3</b>
<b>Interactive Reporting.....</b>	<b>4</b>
<b>Workspace .....</b>	<b>5</b>
<b>Migration.....</b>	<b>7</b>
<b>Smart View.....</b>	<b>8</b>
<b>Web Analysis.....</b>	<b>8</b>
<b>Life Cycle Management.....</b>	<b>10</b>
<b>Known Issue in Release 9.3.1.3.00 .....</b>	<b>10</b>
<b>Financial Reporting .....</b>	<b>10</b>
<b>Interactive Reporting.....</b>	<b>10</b>
<b>Workspace .....</b>	<b>11</b>
<b>Web Analysis.....</b>	<b>11</b>
<b>New Features in Release 9.3.1.3.00 .....</b>	<b>11</b>
<b>Workspace .....</b>	<b>11</b>
<b>Defects Fixed in Release 9.3.1.2.00.....</b>	<b>12</b>
<b>Financial Reporting .....</b>	<b>12</b>
<b>Interactive Reporting.....</b>	<b>15</b>
<b>Workspace .....</b>	<b>16</b>
<b>Life Cycle Management.....</b>	<b>17</b>
<b>Web Analysis.....</b>	<b>17</b>
<b>Smart View.....</b>	<b>20</b>
<b>New Features in Release 9.3.1.2.00 .....</b>	<b>21</b>
<b>Financial Reporting .....</b>	<b>21</b>
<b>Web Analysis.....</b>	<b>21</b>
<b>Defects Fixed in Release 9.3.1.1.....</b>	<b>22</b>
<b>Known Issues in Release 9.3.1.2.00.....</b>	<b>25</b>
<b>Web Analysis.....</b>	<b>25</b>

<b>Installing Service Pack 9.3.1.3.00 .....</b>	<b>25</b>
Required: Run the SP Installer Utility.....	26
Usage Notes:.....	27
<b>Appendix A – Enabling Encryption in Financial Reporting RMI Service .....</b>	<b>27</b>
<b>Appendix B – Custom Ghostscript Parameters .....</b>	<b>29</b>
Implementation Overview .....	29
Ghostscript Documentation .....	29
Default Behavior .....	30
Postscript to PDF Conversion .....	30
Specifying Custom Parameters .....	31
Examples .....	33
Duplicating the Default Parameters .....	33

## About This Service Pack

This Readme file describes the defects fixed in Oracle’s Hyperion® Reporting and Analysis - System® 9 Service Fix 9.3.1.3.00 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 service pack that can cause your application to malfunction, including interruption of service and/or loss of data. Before installing or applying this service pack:

- Verify that the issue described in the Service Pack Readme matches the issue you are encountering. Please review the Bug Numbers referenced in the Readme for additional information.
- Verify that your system configuration (product version and service pack level, platform) exactly matches what is specified in the Readme.

This release requires a Service Pack installation only. A full installation is not required.

This service pack includes previous service fixes: 9.3.1, 9.3.1.1 and 9.3.1.2.

## Supported Platforms

This service fix is released on all platforms. You can upgrade directly from the base release to this service pack.

## Supported Languages

Oracle’s® Hyperion Reporting and Analysis Release 9.3.1.3.00 is an English only release.

[Top of Document](#)

## Defects Fixed in Release 9.3.1.3.00

### Financial Reporting

Report Number	Description
8478780	<p>When exporting a Financial Reporting report to Microsoft Excel to display the values from the data source, you must set the following property setting in the <code>fr_webapp.properties</code> file:</p> <p style="padding-left: 40px;"><code>ExportExcelUseRawNumbers=true</code></p> <ul style="list-style-type: none"><li>• If <code>ExportExcelUseRawNumbers=true</code>, raw numbers are exported to Microsoft Excel.</li><li>• If <code>ExportExcelUseRawNumbers=false</code>, scaled numbers are exported to Microsoft Excel.</li></ul>
8560143	The basic functionality of the <code>manageuserpov</code> utility does not work.
8575135	In a Financial Reporting related content report, you are unable to pass through POV members from one report to another report that contain different dimension names.
8554135	You cannot update xbrl schemas in Financial Reporting.
8367964	Documents generated by Batch Scheduler do not have the correct UNIX permissions.
8372284 8423518	When upgrading any client machine to 9.3.1.2, the <code>patch.bat</code> file does not replace the <code>hreports.jar</code> file with the one in the patch.
8397074	<p>When the Financial Reporting Web application lacks direct access to the CSS config URL, such as <code>http://&lt;server&gt;:&lt;port&gt;/interop/framework/getCSSConfigFile</code>, the following steps should be performed:</p> <ol style="list-style-type: none"><li>1. Create a local <code>CSS.xml</code> file which represents the CSS configuration information that would have been provided by the call to the <code>getCSSConfigFile</code> servlet in Hyperion Shared Services.</li><li>2. Enable an override of the Financial Reporting cache of the Workspace configuration information by adding the line <code>override=true</code> to the <code>&lt;biplus&gt;/lib/fr_configcache.properties</code> file. Then specify the path to the local CSS config file as a URL. For example: <pre>CSSConfiguration=file:///C:/Hyperion/BIPlus/lib/CSS_local.xml</pre></li></ol> <p>Note: Any subsequent changes in the CSS config in Shared Services need to be updated in the local CSS config file.</p>
8398166	The Financial Reporting version number for the 9.3.1.2 SP2, and the 9.3.1.2.07 Service Fix are not updated to the correct version number.
8458156 8468606	In German, the word for "none" (keine) does not work. It only works when set to the English "none".
8464783	The option "Indent Increases For Each Generation By" does not work when "Allow Expansion" is enabled.
8465413	Usage tracking and logging enhancements for Financial Reports.
8471773	Update of Analytic Data Model (ADM) files in <code>hreports.ear</code> is needed to latest ADM version for version 9.3.1.3.
8491233	When you click the check box in the FR Studio formula bar to verify the member selection in a grid, the selected member on the grid disappears.

Report Number	Description
8594867	You cannot display the alias for any dimension in the Point of View in Financial Reporting.

## Interactive Reporting

Report Number	Description
8255758	Timestamp as variable limit does not work in Smart View.
8210377	Designer 8.3.2 and Performance Suite (PSU) client 8.3.2 generate an unknown error when a user runs a query with ORACLE timestamp data type fields.
8217526	Simple Interactive Reporting (BQY) coding issue causes the BIService to crash in version 9.3.1 SP2 on Redhat Linux AS R4. The simple coding issue should not crash the service.
8403404	Scheduled jobs running under APSERVER change the number formatting.
6590760	When the Report section in Designer is exported to .PDF format, the content located on the right side of the table is cut off.
7155275	A hyperlink with "DisplayMode = Current" fails.
7242803	When a variable filter is set on the query line of an Interactive Reporting document (BQY), and the document is opened using its Smartcut, the variable filter popup is deformed. The Set, Ignore, Cancel buttons appear at the top of the window instead of the bottom.
7423366	Internet Explorer crashes with an "r6025 pure virtual function call" error when processing in Interactive Reporting Web Client (IRWC). This issue occurs when the results section used in the join filter and the query containing the join filter are both processed asynchronously. By setting the flag to process synchronously, the issue is avoided.
7553559	When using Web Client 9.3.1.1.00 (9.3.1 Service Pack 1) with Internet Explorer 7 (IE7), dialog prompts are hidden in the background. This issue occurs when you double-click a locally saved Interactive Reporting (BQY) document to open in IE7/Webclient 9.3.1 Service Pack 1.
7596165	After applying 9.3.1 Service Pack 1, a core dump is created when using <code>stop_biplus.sh</code> or <code>stop_irm</code> .
7628617	Under some conditions, using Edit/Copy places corrupt data on the clipboard.
7897726	IRJob Service crashes daily with a SIGNAL SIGSEGV error. All jobs on that IRJob Service are lost.
8248440	No data (table) section is displayed in a new Interactive Reporting document (BQY).
8261845	The export action to a .txt file creates an extra carriage return at the end of the text file.
8267638	A certificate renewal is needed for issue with .MHTML files generated by Interactive Reporting (BQY) jobs.
8268551	Interactive Reporting (BQY) job Service crashes when running a job that was migrated from an earlier version.
8272860	According to Oracle Security Coding Standards, an application should not display a complete stack trace to the user in case of error. Detailed error messages should be contained in a log.
8308179	Thin Client, Insight: incorrect behavior of save option occurs if a file was created as an Interactive Reporting document.

<b>Report Number</b>	<b>Description</b>
8316802	An Interactive Reporting (BQY) report runs fine in version 8 but fails as a job in version 9.
8331612	An ORA-01719 error message occurs when running an Interactive Reporting (BQY) job in version 9.3.1 (migrated from version 8.3.1) which runs fine in version 8.3.1.
8368151	Exporting jobs to HTML fail with errors.
8426107	Interactive Reporting (BQY) jobs created in version 8.5 do not run in version 9.3.
8426776	Pivot aggregation is sometimes incorrect when created using the CubeQuery Download to Results.
8429539	Unexplainable behavior occurs between joins with local results.
8430123	Interactive Reporting Web Client (IRWC) queries are canceled when locking or unlocking the workstation with Ctrl-Alt-Delete.
8436765	Expired certificates occur on MHTML exports.
8453605	When double clicking a table column, and then clicking OK to check properties the values in the table row change.
8463946	Support of brackets/parentheses in Object Model (OM) for union expressions is requested.
8472417	Interactive Reporting file (BQY) with OLAP query increases in size quickly and sometimes becomes corrupted.
8483498	Bi service fails to send e-mails for job actions.
8498706	After processing, a table section in the document is not updated, making any sections dependent on it appear incorrectly.

## Workspace

<b>Report Number</b>	<b>Description</b>
8571355	Using Firefox, the Applying Permissions pop-up does not close.
8548681	An invalid space check occurs with the <code>df -k &lt;BIPL:US_HOME&gt;</code> command for concrete machine.
8542980	The Properties dialog becomes inactive and cannot be closed.
8542290	Data validation is not set correctly in the Connect tab of the Properties dialog.
8542941	Auto-delete time is not stored.
8542336	You cannot load content after adding MIME type with quote in a URL.
6577635	The logon page of the Hyperion Web applications does not prevent auto-completion of username and password. Therefore, browsers can remember username and password and auto-populate the logon form.
6903625	A Production Reporting (SQR) job hangs if Production Reporting code does not have a print command. If a Production Reporting (SQR) job uses the OPEN and WRITE command to generate a flat file manually as the ONLY form of output, running this job will hang in 9.3.1. If you place a print command in the code so that "anything" will be printed and generate html, PDF or other output, the job will run without error.

<b>Report Number</b>	<b>Description</b>
7156483	Pressing Cancel when viewing job parameter results in the application hanging.
7165152	A document cannot be put in a group's Favorites menu.
7233469	Workspace freezes and becomes inaccessible when the default startup option is set to Webclient and the default startup option in Preferences is set to Document.
7338975	The Production Reporting (SQR) job parameter list is not saved.
7345015	The number of orphan files keeps increasing in \$HYPERION_HOME/BIPLUS/DATA/RM1.
7409282	Once an incorrect username/password is entered in the login page of Workspace, the last entered login details are still present in the textboxes, requiring a cleanup in order to re-type the login credentials.
7599958	An error occurs when replacing a file or job which has a single quote within its name.
7676946	A published Production Reporting (SQR) job produces empty output collection with errors.
7686619	Pass-through of ID and Password seems to get lost. After an unspecified/unknown period of time, the Interactive Reporting (BQY) jobs starts to fail with "Login failed for user xx".
7698681	The remote service configurator deletion of distributed job factories is faulty.
7718064	Records are inserted into v8_prop_value multiple times.
8219462	Usage tracking generates multiple entries when opening Production Reporting (SQR) HTML output. Usage tracking generates one entry for each file involved in HTML output (css, frm, png, bmp etc.), then it adds these entries twice because there are multiple entries in usage tracking tables for a one-time opening of Production Reporting (SQR) HTML output.
8227589	A Nullpointer exception occurs if STOPTIME is NULL in v8.SCHEDULELOG. In V8.SCHEDULELOG, if the STOPTIME value is NULL, the View Job Status page displays an error and does not display the Delete button. All other functionality on the page works as expected.
8240034	When an HTML document is published to the 9.3.1.0.0 Broadcast Messages folder, an error occurs when selecting Favorites, and then My Personal Page.
8271462	The wrong French menu translation of "Show Duplicates" is displayed.
8271864	A scheduled job associated with time events gets in a running loop. Time events associated with jobs, not created in the server time zone that are required to trigger jobs sometime during midnight have a problem associated with them whereby the code is unable to properly calculate the next run date/time. As a consequence the jobs associated with such time events gets into an endless running loop.
8275213	The 9.3.1.2 Readme incorrectly states "This service pack includes previous service fixes: 9.3.1 and 9.3.1.11" instead of "This service pack includes previous service fixes: 9.3.1 and 9.3.1.1".
8276281	The call to ListUserNames() is extremely slow.
8291124	"Apply permissions to children" removes the existing permissions. When choosing the option "Apply permissions to Children" to set some additional permissions to the folder, the previous permission is overwritten, requiring all permission rights to be re-entered.
8298420	The error, "Failed to obtain the item ... ", occurs when using SmartCut to open a Comma-Separated Value (CSV) file that is part of an Production Reporting (SQR) job output. The same

Report Number	Description
	error is displayed when opening a PDF file that is part of Production Reporting (SQR) job output.
8301447	The error, "Command for display not found", occurs when changing the Day to Run option.
8304321 8436728	The absolute 10 hour job timeout should be adjustable and not produce an error.
8324253	The error "Error: permission denied" occurs when opening reports in Smart View using load balancer URL.
8331584 8251852	Usage tracking does not track the "Run BQY Job" event. Usage Tracking does not work for remote services. That is why the "Run BQY Job" event is not tracked by Usage Tracking".
8428283	A Javascript error occurs when running a job with parameters through Smartcut.
8440238	Smartcut takes too long when more than 250 objects are in a folder. If more than 250 objects are in a folder, it can take longer than 30 seconds to retrieve the item through Smartcut, resulting in the application timeout.
8484156	The Financial Reporting Batch Scheduler does not hold permissions when using Firefox.
8490230	An HTTP 404 Error occurs after adding a schedule.
8490637	An error occurs when adding/deleting mime types.
8495666	An error occurs when logging on to Smart View
8520334	The removal of import URL restrictions is requested. Sometimes users need to enter another protocol. For example, Financial Reporting requests URL starting with <code>idc://</code> .
8528797	Updating credentials for a database connection in the Remote Service Configurator (RSC) is not allowed.
8538492	Incorrect permissions are applied for Schedule Manager and Content Manager.
8542574	An error message is shown when adding a new version of a file.
8542713	The dialog box does not close after confirmation a cancellation.

## Migration

Report Number	Description
8309843	Owners of objects get "No Access" Access Control List (ACL) on their objects if corresponding ACL is not updated before migration.
7568472	Web Analysis 7.0 migration: The unicode symbols in <code>dimnames</code> and <code>dimaliases</code> do not migrate.
7564606	Revoked 7.2 access control is mapped to "No Access" after migration.
8546123	The Migration Utility tries to get prefixed source tables if prefix for single-database mode is provided but corresponding check-box is cleared.
7568431	Web Analysis 7.0 migration: The data base Preference / Alias table does not migrate correctly.
7636949	Brio BroadCast Server (BCS) jobs migrate even if they were marked "Do not Migrate".

Report Number	Description
7717620	Migration of usage tracking using prefixed tables is copied to target repository. Usage Tracking tables cannot be migrated in single-database mode when migrating from Hyperion Performance Suite 8.x or Brio Portal 7.x. Source usage tracking tables will be used instead of tables copied to target repository.
8250146	The Brio OnDemand Server (ODS) folders structure migrates incorrectly if a child was created prior to parent.
8309859	Displayed owner of migrated Analyzer's objects is incorrect.
8546252	8.5 Service Pack 3 specific: Interactive Reporting and Production Reporting job outputs are corrupted after migration.

## Smart View

Report Number	Description
7608585	Reports with Dynamic Time Series, such as Q-T-D ( "Jul" ) cannot be refreshed.
8447458	Exporting an entire Web Analysis report to Microsoft Office fails.

## Web Analysis

Report Number	Description
8591343	When drilling down on a report, users are prompted to save even though they do not have the right to save.
7592187	Adding decimal constant with a non-English separator does not work correctly.
7585075	The width of the information panel cannot be increased after running the Document Wizard or the Report Import Wizard.
8213657	When Access Control List repository table (V8_ACCESS_CTRL) contains a large number of records, the Web Analysis process takes over 10 minutes to initialize. When it eventually starts, the login page does not load.
8276566	When connecting to MS SQL Server 2005 Analysis Services (SSAS), an error occurs.
8278821	Using Web Analysis Studio, an unformatted export results in a formatted result in Microsoft Excel.
8283275	When the Print all Objects button is selected, Web Analysis Studio hangs.
8302747	You are unable to drill on a large ASO report after upgrading to 9.3.1.2 patch.
8331360	A report shows wrong data after deleting a personal variable. When a database entry in a user's preferences is deleted, the reports show figures which do not match to the member-selection in the data layout.
8333720	Select Column dialog fails to invoke when report contains only missing values.
8333831	Single Sign On does not carry through from Web Analysis to Essbase when running report on configuration protected with Siteminder.
8333837	Wildcard selection does not work correctly in Web Analysis grid.
8350235	Drill down never completes or gives error message with 110,000 member dimension.

Report Number	Description
8352342	<p>The Create Point of View option does not populate the dimension list in Workspace.</p> <p>In Workspace Web Analysis preference, while adding a new database connection, the dimension list does not populate in Create Point of View.</p>
8356112	<p>Display/Hide Mast Head option does not work when using shared preference.</p>
8359170	<p>When linking a Financial Reporting report to a Web Analysis document with German special characters using Related Content, an error occurs.</p>
8439058	<p>The Web Analysis property, <code>fastsearchdisabled</code>, does not work correctly.</p> <p>Beginning with 9.3.1.3 release, new search logic is introduced. It uses Essbase search capabilities performing search on Essbase server side delivering from memory leak issues on Web Analysis server side.</p> <p>“Whole” and “Beginning” search options always use Essbase search logic.</p> <p>For other search options, “Substring” and “Ending”, the logic is controlled by <code>FastSearchDisabled</code> property and work as follows:</p> <ul style="list-style-type: none"> <li>a) If <code>FastSearchDisabled</code> is set to false (by default) - all members will be loaded into memory for quick search – this is similar to what exists now in the 9.3.1.2 version and can cause memory issues when searching large dimensions. It is most appropriate for small dimensions.</li> <li>b) If <code>FastSearchDisabled</code> is set to true - members will be retrieved by portion in a loop and searched in the retrieved portions. This will allow to avoid memory issues and search functionality can work on any size of dimension. With very large dimensions this operation can take a long time to complete so a warning message is added to warn for a long search times before the search action is committed. This is most appropriate for medium sized dimensions, but if response time is not an issue it will work on any size dimension yet it will take a long time to complete.</li> <li>c) <code>FastSearchDisabled</code> can be set to a limit (for example 100,000) such that whenever this limit has not been met the fast search is performed (option a) and when ever this limit is passed the portion search is performed (option b). This approach combines both methods mentioned above.</li> </ul> <p>New <code>MaxDimSearchSize</code> property was introduced. It defines the largest dimension size that can be searched with Web Analysis search logic. For any dimension that is larger in size than this limit search options “Substring” and “Ending” will be disabled. By default <code>MaxDimSearchSize</code> is set to 1,000,000.</p> <p>New <code>SearchWarningLimit</code> property was introduced. This property determines when the warning message is displayed for long searches (on very large dimensions). Every time a search is performed on a dimension that is larger than the specified number of members for this property, warning message is displayed. By default the value <code>SearchWarningLimit</code> is set to 100,000 members.</p>
8465995	<p>Using Vista, it is impossible to read column names when selecting Restrict Data, and then Select Column.</p> <p>The header of the interior table gets stretched so that scrolling becomes unavailable and you cannot see the column header names.</p>
8466004	<p>Web Analysis reports are not refreshed when choosing different members on radio button.</p>
8466010	<p>Unable to get rid of Restrict Data To dialog when selecting columns with no data.</p> <p>When restricting data to a column with no data, you cannot close the dialog of Restrict Data To. With some operations an infinite loop occurs and the user has to kill the process in order</p>

Report Number	Description
	to close Web Analysis Studio.
8474791	During dimension selection in Dimension browser, a script is causing Internet Explorer to run slowly in Web Analysis documents.  Beginning with the 9.3.1.3 release, MaxSubscriptionControlSize property starts to limit the number of members from Hyperion Financial Management data source shown in the Preview dialog of the Dimension Browser. To avoid Internet Explorer error message, set MaxSubscriptionControlSize value to 1400.
8490283	The background color of the text area control is lost in Workspace.

## Life Cycle Management

Report Number	Description
7621947	Life Cycle Management (LCM) Utility may hang with OutOfMemory exception during LCM Export of large number of Interactive Reporting files/jobs.
8274304	Financial Reporting objects located under the root folder are not getting exported using Life Cycle Management (LCM).

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## Known Issue in Release 9.3.1.3.00

### Financial Reporting

Report Number	Description
8537358	When confirming a selection of a member for a prompt or the Point of View by clicking the OK button in the Member Selection window, the Member Selection window becomes non-responsive. If this occurs, the user must close the browser.  Workaround:  <ol style="list-style-type: none"> <li>1. Open &lt;Hyperion_Home&gt;\BIPLUS\lib\fr.env</li> <li>2. Add the following line to the fr.env file: "LoadClasspath=%HYPERION_HOME%/common/JakartaCommons/commons-lang-2.1.jar" right before the line "LoadLibrarypath=%FR_HOME%/bin"</li> <li>3. Save the updated &lt;Hyperion_Home&gt;\BIPLUS\lib\fr.env file</li> </ol> Restart the FR Web App Server server.  Note: if an error occurs when attempting to export Financial Reporting reports to Smart View, apply the above workaround.

### Interactive Reporting

Report Number	Description
6901287	When scripts are used on a secondary screen, it subsequently opens as a bar.  Workaround: change the registry entries for the script editor screen size, or delete them and let the system recreate.

Report Number	Description
8413307	When running Interactive Reporting reports in Internet Explorer, 100% Central Processing Units (CPU) are consumed.

## Workspace

Report Number	Description
7579450	If you turn on delegated administration in Shared Services you can no longer assign the WORLD group permissions.
8599192	Distributed Job Service (JF) cannot be deleted using Remote Service Configurator. Deletion fails with message: "An error has occurred in Transformer Exception. JF#_<servername> not found in config file. Cannot delete service agent."
8436707	The text description of the Workspace Administrator's Guide incorrectly states: "By default the system rolls logs every 12 hours and the oldest log file is deleted when the number of logs is greater than 5." It should read: "The oldest log file does not get deleted if RollingStyle=2 is specified in appenders.xml by default."
6990725	Sample command to configure sql server in bi+ install guide should be updated. the new command is create databaseGeneric as in the example: CREATE DATABASE Sales ON ( NAME = Sales_dat, FILENAME = 'c:\program files\microsoft sql server\mssql\data\saledat.mdf', SIZE = 10, MAXSIZE = 50, FILEGROWTH = 5 ) LOG ON ( NAME = 'Sales_log', FILENAME = 'c:\program files\microsoft sql server\mssql\data\salelog.ldf', SIZE = 5MB, MAXSIZE = 25MB, FILEGROWTH = 5MB ) GO

## Web Analysis

Report Number	Description
8437578	Web Analysis loses focus when in cube navigator and jumps to splash page. This cannot be fixed on the product side. The workaround is to keep parent Internet Explorer 7 browser window minimized.
	A confusing sentence in Hyperion Web Analysis Studio User's Guide states the following: "WebAnalysis.properties supports variables that enable Oracle's Hyperion Provider Services, which provide Essbase connection alternatives for administrators running Web Analysis on Solaris operating system." It should state: "WebAnalysis.properties supports variables that enable Oracle's Hyperion Provider Services, which provide Essbase connection alternatives for administrators running Web."

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## New Features in Release 9.3.1.3.00

### Workspace

Report Number	Description
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Report Number	Description
8370361	There is a new option in "Apply Permissions To Children" dialog: Now you can choose to merge or to overwrite permissions to folder children.

## Defects Fixed in Release 9.3.1.2.00

### Financial Reporting

Report Number	Description
6580034	In the Point of View (POV), the member in the flat dimension is not selected after a search.
6581483	A run-time error occurs when setting suppression.
6582088	An Analytic Provider Services (APS) cluster connection error, "failed to connect to server" occurs. When APS server is configured to non-default port (13080), Financial Reporting does not work properly with the APS driver.
6585329	An ADM error occurs if a prompt report has duplicate members and one additional member.
6585818	A blank html screen displays on certain drill down intersections. In reports containing expansions and row and column suppression, the report will eventually display a blank HTML page after drilling down into the member expansions.
6587928	Row and column headings preferences in page setup are never applied. Column headings and row headings for the grid are not repeated, even though the options in Page Setup are flagged by default.
6587932	Equivalent prompts should merge by column in a book if defaults are set differently for each column. If prompts are merged when running a Book, and while in the prompt dialog the user selects not merge the prompts, the default value for the prompts not merged is not set correctly.
6588255	Secure Socket Layer (SSL) accelerator/compass: Unable to create related content link. Cannot expand repository to select objects.
6588730 6584971	The memberalias function does not properly return aliases. Member names are displaying instead of member aliases when members are set on the page axis.
6590126	The member selection "descendants of prompt and level 0 members" does not work correctly.
6590412	Reports using member names with ampersand (&) and alias tables fail when the Internet Explorer language is set to German Reports, using Analytic Services as a data source, that contain member names with an ampersand (&) and Alias Tables fail to run when the Internet Explorer language is set to German.
6591042	"Indent increases for each generation by:x" does not work when applied to supporting detail using conditional formatting.
6620224	Formulas outside of a template are adjusted multiple times. When a row and column template is inserted into a report, existing formulas outside of the row and column template are not updated correctly.

Report Number	Description
6621249	<p>You cannot save reports in Financial Reporting 9.3.0.1 that are migrated from Hyperion Reports release 7.2.1.</p> <p>After migrating from Hyperion Reports 7.x, one is unable to make changes and save reports containing row and column templates.</p>
6689735	<p>Importing a fully suppressed report into Microsoft PowerPoint using Smart View causes unresponsiveness in the print server.</p>
6709569	<p>The deprecated function, <code>retrievevalue</code>, appears in the Insert Function dialog box.</p> <p>The deprecated function, <code>RetrieveValue</code>, has been removed from the Functions dialog box in Financial Reporting Studio. Additionally, the function will not appear in the Functions dropdown list next to the formula bar.</p>
6733549	<p>In html preview, expansion of member causes other members to disappear.</p>
6743830	<p>The Essbase ADM driver is not installed when on Vista operating system.</p> <p>The Financial Reporting Client install is not installing and deploying the required Analytic Data Model files for Essbase correctly when installing on Windows Vista operating system.</p>
6791679	<p>Batch bursting with children inclusive or descendents inclusive functions fails.</p> <p>When bursting a batch using the Children Inclusive or Descendents Inclusive functions, the batch is executed only for the parent member.</p>
6791721	<p>Bursting pdf generation fails if member name/alias/description contains special characters.</p> <p>When bursting a batch, PDF generation fails when a Member Name, Alias, or Description contains special characters.</p>
6822431	<p>Error "(1001005) unknown member [[none]]" occurs in a report when the POV contains attributes.</p>
6837695	<p>Report prompt selections for a book in a batch are not retained.</p> <p>The prompt selections made in reports are not being retained when the reports are added to a book, and the book is contained in a batch.</p>
6882219	<p>Xbrlusgaaptaxonomies-2008-02-13 error "errornumber: 5013".</p> <p>XBRL requires access to the internet to download some schemas. If the network requires a proxy, the proxy settings can be set for the JVM by adding these entries in the JAVA_HOME\lib\net.properties file:</p> <pre>java.net.useSystemProxies=true http.proxyHost=&lt;proxyHostValue&gt; http.proxyPort=&lt;proxyPortValue&gt;</pre>
6970591 7579370	<p>Financial Reporting Studio locks on format chart.</p> <p>The Financial Reporting Studio freezes after inserting a combo chart and selecting the Show Point Values option.</p>
6989129	<p>Notification with Simple Mail Transfer Protocol (smtp) authentication does not work.</p> <p>Update: Support for authenticating SMTP servers in the Financial Reporting Scheduler Server for e-mail notifications has been added.</p> <p>To enable this option, add these lines to the fr_global.properties file on the Financial Reporting Scheduler Server machine, specifying the plain-text credentials required by the SMTP server:</p> <pre>enable_SMTPServer_Authentication=true SMTPServerUserID=</pre>

Report Number	Description
	SMTPServerPassword=
6998809	When selecting "Expand all in member selection", the Financial Reporting Web application stops responding.
6998833	Potential Financial Reporting Web unresponsiveness occurs if the user closes the browser while performing search.
7005739	The formatting of columns is lost when running a report with hidden columns.
7038998	Conditional formatted data values do not show as negative when exported to Microsoft Excel. Previously, when a report was designed so that data source positive figures would be displayed with a "minus sign" prefix, and source data which are negative would be displayed with no prefix, Export to Excel did not handle the signs correctly. Now, for a negative value in the data source, an Export to Excel (Fully Formatted) will not display a prefix.
7044831	Financial Reporting Studio fails to connect when the server components are behind a Network Address Translation (NAT) router. You may need to edit <biplus>/lib/default-domain.cfg on the machine where the Workspace services reside. In the BRIO GLOBAL CUSTOM POLICIES section at the top, add these entries: <ul style="list-style-type: none"> <li>• policies:iip:buffer_sizes_policy:max_buffer_size = "-1";</li> <li>• policies:iip:server_address_mode_policy:publish_hostname="true"</li> </ul>
7158547	Fruserlogin.log shows [null] for a user name when running a Financial Reporting Web report. When running a Financial Reporting report from the Workspace, the FRUserLogin.log file shows [NULL] for the user name instead of the actual user name.
7159861	Conditional suppression performance degradation in 9.3.1 is greater than in 7.2.5.
7169483	The memberalias function does not properly return aliases when a dimension is in pages.
7330422	The Financial Reporting preview user POV does not show an error when using nonexistent values. When running a Financial Reporting report a second time with the "Preview User POV" option set to "On", if you entered a nonexistent/invalid member, the Financial Reporting report runs again using the previous POV member selections instead of displaying an error message.
7330425	The ManageUserPov.cmd utility has significant performance issues. The performance of the ManageUserPov.cmd utility, when updating large number of users is slow because a database connection is created for each user to perform member validation.
7352356	A Graphical Device Interface (GDI) resource leak causes errors in books with many reports. Books containing a large number of reports fail to generate PDF files.
7359795	Grid POV box alignment to grids does not hold. The grid POV box does not retain alignment to grids.
7414060	Upon export to Microsoft Excel, fully-formatted, text values are replaced with underlying numeric values.
7426667	The Java Remote Method Invocation (RMI) service for Financial Reporting is enabled without encryption support. Update: The Java RMI service for Financial Reporting now supports optional encryption. To configure the Java RMI service with encryption, see Appendix A - Enabling Encryption in Financial Reporting RMI Service.

<b>Report Number</b>	<b>Description</b>
7426691	A supported version of Ghostscript or similar is needed. Update: Support for GPL Ghostscript 8.63 and Ghostscript parameters has been added. See Appendix B for custom Ghostscript parameters.
7480588	When running the Oracle application server, exporting to Microsoft Excel fails with Internet Explorer.
7485983	Financial Reporting reports exported to Microsoft Word cannot be read. Financial Reporting reports containing large number of columns and formatting are unreadable when exported to Microsoft Word. This has been resolved by allowing higher resolution to be specified using custom Ghostscript parameters. See Appendix B for custom Ghostscript parameters.
7513480	After closing expansion, adjacent columns resize incorrectly. Upon closing expanded data columns, text columns adjacent to data columns are resized incorrectly.
7513602	Expansion keys are no longer indented with member names.
7514180	Financial Reporting Web hangs with "assertion failed: !(s == 0)" error. The Financial Reporting Web Application server becomes unresponsive when running a report that includes a member using the consolidation type ESS_UCALC_NEVER (^) option.
7515877	Financial Reporting reports display wrong values when drilling down in a member.
7557731	Batch bursting e-mails do not work with line feeds / carriage returns. The results from a bursted batch are not e-mailed to the specified recipients if the e-mail message text contains carriage return characters in the body of the message text.
7599553	You cannot do a Web preview in Financial Reporting Studio with rapidly changing passwords. Financial Reporting Studio Web Preview prompts for credentials for users with rapidly changing passwords.

## **Interactive Reporting**

<b>Report Number</b>	<b>Description</b>
7476202	Process monitor cannot shut down biservice process properly.
7155866	Printout of pivot has thick cell borders for data cells.
7203290	Selecting limit, and then Show Values sends a Cartesian product to the database.
7271335	Process monitor does not properly restart the das when using the specific_shutdown event.
7362527	Using the options "suppress duplicates" and "text wrap" together returns undefined values.
7496139	Setting a limit on a string (through show values) on blank, results in an empty string.
7496154	Aliases are not shown when using object model method.
7496161	Low performance occurs on downloading to results.
7496237	You cannot get "vargraphic" data type column data using db2 v8.1 for z/os as the data source.
7496326	Schedule/background jobs and ad hoc Interactive Reporting stop running during the daytime.
7530102	Selecting long text, and then real conversion works differently between release 8.3 and

Report Number	Description
	release 9.3.1.1.

## Workspace

Report Number	Description
7496191	Job output does not get physically deleted from the actual hard disk.
6585369	An upgrade to release 9.3.1.0 can cause the new size column to not display.
6586848	The menu option, when selecting tools, then install, and then Smartspace, is not visible in Workspace. When SmartSpace is integrated with Workspace, the option to select Tools, then Install, and then SmartSpace should be visible in Workspace, but is not.
6590455	The ability to list folder contents in a dashboard is needed.
7156881	You cannot access preferences menu when "/" is included in a bad url character list in Siteminder.
7158737	Setting the value <code>dsched_retry_notifications=false</code> in <code>StartCommonServices</code> does not stop retry notifications
7208249	Web Analysis report buttons using html links/codes open a new tab under Workspace.
7241083	Inconsistent files are displayed when selecting "Open" in the menu drop down menu.
7276619	The wrong version number in Build Number file / About box: is missing in release 9.3.1.1 prefix. In 9.3.1.1, the Workspace version number in the About box showed only the build number and omitted the prefix listing the version and service pack level. The full version number is now shown.
7495938	Scheduled jobs saving html output to a directory skips files. The Workspace User's Guide requires the following text in table 134 - Output Directory Options: Note: A user can list all output formats using a delimiter (;) in the Other Formats text field for Schedule Output Properties. This note will follow Table 134.
7496265	Users not provisioned in Hyperion Shared Services can log on to Workspace.
7496652	A java script error occurs when the browser language is set to French.
7513472	Hidden folders do not show up when creating a new book.
7517451	The first dialogue box is missing when adding a new personal page. The variable regarding user's ability to publish Personal Pages is not updated properly.
7530341	New doc wizard shows html code on initial page in German and French languages.
7530415	Workspace is not translated into French language.
7530955	<code>Index.htm</code> redirects to <code>launch.jsp</code> and loses all parameters.
7534400	Workspace hangs when opening a startup page through Interactive Reporting Web Client.
7534434	When a load balancer is used, Workspace logon page <code>index.jsp</code> may display a blank grey screen.

Report Number	Description
7537513	Hourly jobs run continuously when daylight time reverts to standard time.
7596101	When launching Financial Reporting reports as related content, the correct user pov is not honored.

## Life Cycle Management

Report Number	Description
7496318	Life Cycle Management utility creates duplicate entries in the v8_parameter table.

## Web Analysis

Report Number	Description
6575575	Data layout has no horizontal scroll bars in Workspace to see long dimension names. Update: horizontal scrollbars were added to the data layout control in Workspace to enable the user to scroll long-string dimension names.
7314569	Shared members are hidden in Workspace view but working fine in Web Analysis.
7358596	After migrating reports, the background color of the controls is removed.
7423422	Conditional formatting does not accept a negative number in Web Analysis.
7448799	The migrated "selection button subscription" button does not work correctly. Update: this behavior was a result of how the "use user pov" feature's worked. This feature is enabled by default in 9.3.x. Releases. In 9.3.1.2, "use user pov" option is disabled by default.
7452843	Substitution variables are not correct in Web Analysis if the value in Essbase is set to "alias".
7492566	A configurable Web Analysis property for choosing member hierarchy sorting approach is requested. Update: a new configurable Web Analysis property was implemented for enabling the ability to choose the preferred way of OLAP members' hierarchy sorting. By default, the application uses standard mixed hierarchy sorting algorithm which is the same as in release 9.3.1. In order to switch to enhanced hierarchy sorting algorithm, add an entry, <code>hierarchysortingtype=true</code> , in the <code>webanalysis.properties</code> file, then restart the web analysis application.
7494500	You are not able to export drill through reports to Microsoft Excel on Microsoft Office 2007. Web Analysis asks for the Microsoft Excel path every time relational report is exported. In order to enable this fix, one of the following two options needs to be set in the <code>webanalysis.properties</code> file: <ul style="list-style-type: none"> <li>• <code>Showpathtoexceldlg=false</code></li> </ul> Note: when this setting is set to false, Excel is started by the operating system as an associate to .xls files executable <ul style="list-style-type: none"> <li>• <code>Showpathtoexceldlg=true</code></li> <li>• <code>excelpath=&lt;path to excel&gt;</code></li> </ul> For example, <code>excelpath=c:\\my_excel_path\\excel.exe;c:\\your_excel_path\\excel.exe</code> . Note: when this setting is set to true, Microsoft Excel is started based on the defined <code>excelpath</code>

Report Number	Description
	setting.
7494504	<p>"Error: property name does not exist"</p> <p>When connecting to an Essbase block storage cube, the following error: "[7032] error: property name does not exist" is received when the data query result set is empty.</p>
7494508	<p>"Save selections as User POV" removes selection for other dimension.</p> <p>The "Save Selection as User POV" option, after changing one dimension, removes the user POV selection for another dimension.</p>
7494510	<p>Web Analysis Application Programming Interface (API) displays reports incorrectly.</p> <p>Subsequent opening using api "openreport" displays the report with duplicate columns and formatting.</p>
7494512	<p>The Application Programming Interface (APE) logon works with jre 1.6 but not with jre 1.5.</p> <p>When logging on to Web Analysis Studio using the api, with a user that has preferences created, the logon fails.</p>
7494514 7451072	<p>A user receives full control over a folder to which access is supposed to be denied.</p> <p>A single repository folder is used for storing database connections that is shared with multiple users. User preferences for all those users are set to refer the same databases folder and when a user logs on, they are granted full permissions to the folder since it is selected in their user preferences.</p> <p>The user is not automatically granted with any access rights to any folder which is located outside of user's home directory. If the folder exists inside of the user's home directory (its absolute path starts with /users/&lt;user_name&gt;) and the user is not the owner of that folder, then the user is still granted "full control" access rights. Also, the user cannot access folders which are specified in user preferences dialog, and which the user has no access to. Users should have at least read access rights to the folder in order to select it in the Users Preferences dialog.</p>
7494517	<p>An option specified in the URL should have higher priority.</p> <p>Web Analysis document fails to open in Workspace if using the showviewpane=false parameter.</p>
7494518 7494519	<p>A document fails to open in Workspace if using the showviewpane=false parameter.</p> <p>Web Analysis document fails to open in Workspace if using the showviewpane=false parameter.</p> <p>In certain cases, view pane content is displayed only after resizing the view pane.</p>
7494521	<p>Web Analysis ignores the Internet Explorer language settings.</p> <p>Update: calculations can be created and edited under foreign languages including German, Turkish, French, and so on, both in Workspace and Web Analysis Studio.</p>
7494526	<p>"No data available" shows incorrectly when using missing data and hide rows/columns.</p> <p>"no data available" displays incorrectly when using suppression options of missing rows and missing columns.</p>
7494527	<p>Rows do not maintain their hierarchy when sort is applied to column and drilled down.</p> <p>After applying a sort to a column in a report with multiple dimensions in the rows, drilling down on a row dimension changes the hierarchy of the rows. Previously, Web Analysis did not support sorting within groups, when there were multiple dimensions in the rows and one of the dimensions was not expanded. In order to switch to enhanced hierarchy sorting algorithm,</p>

Report Number	Description
	it is necessary to add an entry <code>hierarchysortingtype=true</code> in <code>webanalysis.properties</code> file, and then restart the web analysis application.
7494529 7494530	Workspace hangs when a user opens a deleted report using the service button. Workspace hangs when a user opens a Web Analysis report through a service button link, where the target report does not exist. In Web Analysis Studio, on opening a report via a service button link, where the target report does not exist, the mouse changes to an hour glass and does not return to normal state.
7494532	Relational drill through connection to Structured Query Language (SQL) tables does not work in Workspace. Relational drill through connection to SQL tables returns a blank window when the report is executed from the Workspace.
7494533	Drill though does not work in Workspace. In Workspace, when drilling through on the any dimension within a report, the selected member is not passed to the target report.
7494535	"Selected member first" feature problem: Members are not ordered properly. The drill down with "selected member first" enabled results in members that are not ordered properly, where the parent/child relationships are not correctly reflected.
7494536 7494537	Drill down always expands members even when the "expand on drill" option is disabled.
7494538	Drill link - filter with selection "children of/descendant of" does not display members. When using a drill link to pass a filter with dynamic member selections (for example, children of/descendants of) of a dimension to another report, in Web Analysis Studio, the target report correctly displays the children or descendants filter. However, when using Workspace, the filter is passed to the target report but the children or descendants are not displayed. Only a single member is displayed.
7494542	When printing via pdf, sometimes an error message occurs instead of receiving pdf output.
7494551	You are unable to save a document as html if you access Web Analysis applet through Internet Information Services (IIS). Update: "save as html" functionality now works when Web Analysis application is running IIS http server.
7494553	Arial and Verdana fonts are rendered at a larger point size in Workspace.
7494556	Some spreadsheet options, defined in Java, are not honored in Workspace Some spreadsheet options, such as columns custom width, defined in the Web Analysis Studio, are not rendered in Workspace.
7494560	Column sizing does not work properly in Workspace.
7494561	Selection buttons have different borders in Workspace.
7494562	The opaque option works incorrectly for selection buttons in the Workspace. Selection buttons with the "opaque" option unchecked do not render their background color in Workspace.
7494563	Service buttons with no border selected display borders in Workspace.
7495554	Drilling: unexpected behavior occurs on repeated drill down and drill up.

<b>Report Number</b>	<b>Description</b>
7495562	Expand on drill does not work as expected in Web Analysis. Expand on drill causes level 0 (zero) children to be grouped under the wrong parent.
7495576	Drill up collapses members incorrectly after a drill down from top to bottom level.
7495590	Drill link reports are not passing context if the target report is already opened in Workspace.
7495605	After drill to descendants, "up" or "top" navigation runs very slowly. When you drill to descendants, the "up" or "top" navigation runs very slowly compared to when the same "up" or "top" is initiated after a drill to next operation.
7495671	Some members disappear from returned drilled set after "drill up" on bottom level.
7495687	Wrong data display with "selected member" unchecked after drilling down actions.
7495699	The "Selected Member First" option is not applied when report contains members in pages.
7516198	Shared preference file does not retain the settings for database connections preferences.
7516206	Extra database preferences entries appear when editing a file chosen for shared preferences. When editing analyzer preferences file selected for shared preferences, extra database preferences appear on the 'databases' tab.
7516207	Preferences: the "Use Shared Preferences" option is dropped after logging back in.
7518883	The search service button in Workspace works incorrectly. Update: the search service button now has all of its options to be workable in Workspace as well as in Web Analysis Studio.
7526337	A memory leak may occur when working in thin client. Update: performance improvements have been made when opening Web Analysis reports in Workspace to avoid memory leak on Web Analysis Server.
7540732	When logging on to Web Analysis, the following error occurs: "Action should be executed from awt thread". Error occurs on logon to Web Analysis if the user has a report with graph as a startup document in home page.

## Smart View

<b>Report Number</b>	<b>Description</b>
7259150	Using "Refresh All" in Microsoft PowerPoint creates a new Essbase session for each report.
7423656	"Error accessing import data" occurs while using Smart View for Interactive Reporting reports.
7494547	Smart view client: image gets resized after refreshing. Images imported in Smart View (PowerPoint) from Web Analysis are resized when refreshed.
7494549	Web Analysis: requesting to change generated image format from .jpeg to .png. Update: the file format of images generated during import/export operations was changed from .jpeg to .png in order to achieve better quality of exported image.
7531011	Importing Interactive Reporting having dashboard in Smart View is not working correctly. Smart View: when importing interactive reporting files, if the selected section is different from the <code>activate()</code> section in <code>onstartup</code> event, the selected section is not displayed when the

Report Number	Description
	user selects preview. The activate() section is displayed instead.

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## New Features in Release 9.3.1.2.00

### Financial Reporting

Reference Number	Description
6825159	<p>You can set the preview POV display option and POV position for new users who haven't yet set their preference. To see the correct behavior, the changes should be made in fr_repserver.properties and default-prefs.properties:</p> <ol style="list-style-type: none"> <li>Add the following entries: <ul style="list-style-type: none"> <li>com.hyperion.reporting.HRPrefs.locationuserpov=viewpane</li> <li>#com.hyperion.reporting.HRPrefs.locationuserpov=above</li> <li>com.hyperion.reporting.HRPrefs.previewuserpov=1</li> <li>#com.hyperion.reporting.HRPrefs.previewuserpov=0</li> </ul> </li> </ol> <p>To: C:\Hyperion\Biplus\lib\ fr_repserver.properties</p> <p>And: C:\Hyperion\deployments\Tomcat5\Workspace\webapps\workspace\WEB-INF\classes\default-prefs.properties</p> <p><b>Note:</b></p> <p>"viewpane" sets the default POV location to appear in the View Pane.  "above" set the default POV location to appear above Report/Book.  "1" turns the Preview User POV on.  "0" turns the Preview User POV off.</p> <ol style="list-style-type: none"> <li>Restart FR services.</li> <li>Create a new user.</li> </ol> <p>Log on to Workspace as the new user and run the report with the User POV.</p>

### Web Analysis

Reference Number	Description
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7369588	Improvements have been made when using Web Analysis server with Weblogic server. MaxSubscriptionControlSize is a global property for setting a limit on the total number of members returned by subscription controls introduced in 9.3.1 release. Since 9.3.1.2.00 release, this property started to affect page control as well. Default limit size is 2000. Therefore if the number of members in subscription controls or in pages combo box(-es) exceeds the established limit of MaxSubscriptionControlSize property, a warning message will notify a user that a complete member query is truncated to show only first N members, where N is a value of MaxSubscriptionControlSize. In order to change MaxSubscriptionControlSize value, it is necessary to add property name and its required value into WebAnalysis.properties file (that is, MaxSubscriptionControlSize=2500).
7492566	A new configurable Web Analysis property has been implemented for choosing member hierarchy sorting approach. A new configurable Web Analysis property was implemented for enabling the ability to choose the preferred way for OLAP members' hierarchy sorting. By default, the application uses standard mixed hierarchy sorting algorithm which is the same as in 9.3.1. In order to switch to enhanced hierarchy sorting algorithm, it is necessary to add an entry "HierarchySortingType=true" in the WebAnalysis.properties file, then restart the Web Analysis application.
7494555	Number scaling for chart properties has been implemented. Since number scaling set in formatting for a spreadsheet is not reflected in Charts, a new checkbox was added when selecting Chart Properties, then the Series tab for 'Apply Spreadsheet Scaling'.
7494559	Ability to set column width in Workspace has been implemented.

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## Defects Fixed in Release 9.3.1.1

Release 9.3.1.1 specifically focuses on Interactive Reporting.

Reference Number	Description
7158692	Pivot section is imported in [].[.] format if download to database totals option is enabled (export to mhtml from the studio).
7158679	Results are exported incorrectly to txt and cvs types if download to database totals option is enabled.
7158658	An incorrect member format occurs after chart and pivot sections are duplicated.
7158634	Incorrect member format when grouping members in pivot and chart sections.
7153972	Member labels are displayed in [].[.] format in the Workspace.
7147267	Warning "request is being processed" occurs when cancelling a query.
7147128	A crash occurs when "download to results" has a statistical function when processing.
7145963	Some object variables in JavaScript are eliminated by garbage collector too early.
7145552	Break totals are not displayed for shared members.
7145507	Incorrect results occur when using data time series members in a CubeQuery.
7145408	In the Workspace and Interactive Reporting Web Client, a shared column is not created for shared members.
7145368	The default color for labels is applied to entire content pane.

7145340	Top-level members should not be included in result set.
7145306	Scheduled jobs saving html output to a directory skips files.
7116817	Users not provisioned in Hyperion Shared Service (HSS) role cannot log onto Workspace.
7114938	Time events not created in the server time zone are miscalculated for the next run.
7113836	Report section in release 9.2 displays differently in release 9.3.1.
7111677	Interactive reporting job service under certain circumstances crashes when a job is cancelled.
7111597	<code>Section.copy()</code> method does not copy binary result/table data.
7109852	Unexpected error message appears when logging off.
7109845	User wants to list folder contents in a dashboard.
7109838	The launched .jsp needs change to support the ssl accelerator.
7109819	Font size in report section decreases in the exported pdf.
7037782	Text truncations occur with text wrap, printing and pdf export problems.
7034715	Object model <code>autosizewidth</code> method performs poorly in comparison to the same user interface option.
7034682	Data loss occurs on export to pdf.
7034593	Need ability to have greater indent level for descendents.
7034567	Unknown error message occurs when scrolling or resizing a pivot.
7034556	Need data flattening optimization – use of mdx for metadata retrieval.
7034545	Drilldown loses alias values if connection is made via JavaScript method.
7032059	The embedded browser control has adverse effects on Workspace personal pages.
7011252	Upgrade from 8.5.0 to 8.5 sp2 fails.
7011241	Users/groups with custom permissions receive global administrator roles during migration.
7011235	Migration falls into infinite loop on repositories with cyclic parent references.
7011222	After upgrading from 9.3.0 to 9.3.1, errors are displayed when permissions are edited.
7011211	An upgrade to 9.3.1.0 causes the new size column not to be displayed.
7011199	Report section whose content is current in 9.2.0.3 has missing data in 9.3.0 and later.
7011188	Data is truncated vertically in Workspace display and pdf.
7011173	Long running jobs fail to complete successfully and result in a time out.
7011160	Error occurs after replacing a published job. Some features are inaccessible.
7010978	Hyperlink in display mode, current or top fails.
7010969	Active CubeQuery embedded section object in dashboard does not retain active property in Workspace.
7010949	Adding alias names to member selection by way of a script is not possible.
7010943	Not all headers are displayed when a pivot section is embedded.
7010927	The Workspace browser shuts down when closing Interactive Reporting Web Client window.

7010909	Incorrect results occur when processing a migrated Interactive Reporting document version 6 using local joins.
7010902	When you open a saved query in internet explorer by double clicking the document, it defaults to offline mode.
7010883	Receive JavaScript error when launching an Interactive Reporting document (BQY) in a Workspace embedded browser.
7010867	Number format cannot be succeeded property when exporting Interactive Reporting document (BQY).
7010800	Cannot push Interactive Reporting document (BQY) to group or role.
7010792	If jobs are set to export pivot sections to Microsoft Excel (*.xls) files, number format is lost.
7010770	Joins are lost when interactive reporting service handles a document.
7010651	Smartcut argument mimetype=mimetype does not work.
7010621	Script error occurs when modifying report group field formula.
7010493	Expose the <code>oncelldoubleclick</code> event of an embedded CubeQuery section.
7010431	Secure Production Reporting (SQR): security setting on groups is not applied.
7010384	The warning message on download to results should be removed.
7010370	Implement <code>das_multidimensional_db_partial_result_row_count</code> property for CubeQuery.
7010277	Poor Web Client performance on add measure JavaScript for CubeQuery section.
7010044	Unable to run Production Reporting (SQR) job via Smartcut for a user with a Job Runner role.
7010030	Cannot open Interactive Reporting (BQY) doc with ihtml when Webseal is configured.
7009995	Receive error in Interactive Reporting web client after applying release 9.3.1.0.11.
7009982	An infinite loop occurs when Analyzer user preferences are migrated.
7009972	Migration of some Analyzer repositories freezes.
7009959	"Trigger now" button for external events triggers the job twice.
7009940	For Shared Services, users and groups are sorted by uppercase and then lowercase order.
7009935	Folders in Workspace and folder permissions are sorted by uppercase and then lowercase order
7009895	Single sign-on to Workspace with Interactive Reporting pass-through to Essbase problem occurs.
7008194	Jobs fail with JavaScript error.
7008185	An error dialog box is displayed for Workspace folders when sorting the description column.
7008170	When an Interactive Reporting document (BQY) is opened, the user receives the message: "...section is damaged".
7008155	Pivot labels are sorted by uppercase characters before lowercase labels.
7008133	Bottom line characters are truncated when the report section is printed.

7008120	A warning message keeps on appearing when the option: "do not show this warning again" is enabled.
7008103	Database totals no longer exist under 9.3.1 query options.
7008089	Network error is returned when downloading large number of rows.
7008074	Invalid totals are displayed when running OLAP query for Essbase with large number of child members.
6769091	Cannot open design mode protected Interactive Reporting documents (BQY) using impact manager scripts in Workspace.
6779782	Formatting is different when migrating from version 6 to system 9.
6608987	.Tmp files are not removed after they are processed by harvester.
7204915	Unable to shut down das after processing certain types of interactive reporting documents (BQYs)*.  *an orphaned process may show up if you attempt to shut down das on hp-ux titanium. The orphaned process does not impede users from continuing to process and work on the computer.

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## Known Issues in Release 9.3.1.2.00

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

### Web Analysis

Report Number	Description
7568116	Drill to dim bottom will not work as per documentation, and pulls all dim bottom members. On the Web Analysis help page drilling options statement, "drill to dim bottom includes lowest level descendants of drilled member" should be corrected to "drill to dim bottom - includes the lowest level dimension members in the display.
7571499	Sub var is not found if alias table has been set up through the alias controller. When setting an Essbase substitution variable where the variable value is a member alias, if an alias controller object in a Web Analysis report has an alias table selected other than the one defined in the substitution variable, the substitution variable is not recognized.

[Top of Document](#)

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## Installing Service Pack 9.3.1.3.00

Note:

With this service pack, you can now cluster Reporting and Analysis Service and Reporting and Analysis Web applications using Oracle Clusterware 11.1 to ensure high availability and failover. Whitepapers that describe how to set up Clusterware for these products (for Windows and UNIX) are available in the whitepaper library on OTN:

<http://www.oracle.com/technology/products/bi/resource-library.html>

The following procedures contain the required and optional steps needed to run the Service Pack Installer (the SP Installer) for Oracle's® Hyperion Reporting and Analysis, Release 9.3.1 Service Pack 3. The patch can be applied on top of a 9.3.1.0, 9.3.1.1, or 9.3.1.2 installation. Alternatively, you can directly upgrade from any 9.x version to 9.3.1 and then run SP3 installer to upgrade to 9.3.1.3. Required: Steps before Running the SP Installer Utility.

1. Modify `patch.bat` (sh) script:

- a. Set `BIPLUS_HOME` (BI+ home) environment variable.
- b. Uncomment and set `REPOSITORY_ROOT` (dynamic Repository Manager folder) environment variable (for example: `C:\Hyperion\BIPlus\data\RM1_w2k3svr-winupdates`).
- c. (Optional): If you need to patch the Migration Utility, set the `MIGRATION_HOME` environment variable.

**Optional: Steps Before Running the SP Installer Utility Sigrid**

Modify the `patch.properties` file:

Note:

- Steps a-e are required only if your configuration was upgraded from pre 9.3.1 releases. Otherwise, skip this step and ignore the "DB TYPE HAS NOT BEEN DETERMINED!" error in log.
- jdbc errors in the log file for either path can be expected and ignored.
- a. Set the `patch.version` property (by default it is pre-configured to contain the correct version, for example, `9.3.1.3.0.401`).
- b. `dbconfig.dbdriver` – used DB driver, example: `hyperion.jdbc.oracle.OracleDriver`.
- c. `dbconfig.dburl` – JDBC url, example:  
`jdbc:hyperion:oracle://host:1521;SID=sid_test`

Note: to view what values for `dbconfig.driver` and `dbconfig.dburl` should be, look for the `<dbconfig>` section in the `<BIPlus_Home>\common\config\server.xml` file.

- d. `dbconfig.username` – user name for the Repository database.
- e. `db.password` – Repository database password.

**Required: Run the SP Installer Utility**

1. Run the `patch.bat` (sh) script.
2. If SP Installer detected `BIPLUS_HOME` points to the correct target directory, as the first step it prompts: "Stop all services and servlets and then press enter...".
3. Once the SP Installer finishes, analyze logs files in the `./log` directory.
4. SP Installer delivers a new version of a war file used for deployment (`<BIPLUS_HOME>/InstallableApps/workspace_unconfigured.war`, `<BIPLUS_HOME>/InstallableApps/WebAnalysis_unconfigured.ear`, `<BIPLUS_HOME>/InstallableApps/HReports.ear`). You must re-deploy the repacked war/ear files using the Configuration Utility by executing the Application Server Deployment task.

## Usage Notes:

If you need to patch the installation partially (by default, running `patch.bat (sh)`), the following options are available:

- `services`
- `services-IR`
- `services-FR`
- `uiservices`
- `uiservices-workspace`
- `uiservices-FR`
- `uiservices-WA`
- `client`
- `client-IR`
- `client-DDS`
- `client-PR`
- `client-FR`
- `migration`
- `repservices`
- `repositoryFiles`

Note: If you select no parameters, the whole patch will be applied over currently installed products.

You can start the `patch.bat (sh)` script with the following available targets:

```
patch.bat (sh) [services services-IR services-FR uiservices uiservices-workspace uiservices-FR  
uiservices-WA client client-IR client-DDS client-PR client-FR migration repservices repositoryFiles]
```

You can run `patch.bat (sh)` with multiple targets simultaneously. For instance, to patch an existing BI+ server installation without the Client, Migration and RepServices, run the following commands:

```
patch.bat (sh) services uiservices
```

[Top of Document](#)

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## Appendix A – Enabling Encryption in Financial Reporting RMI Service

Add the following entries to the `<biplus>/lib/fr_global.properties` file on the Report Server, Print Server, and Scheduler Server machines to enable the SSL socket factories:

```
RMIClientSocketFactory=javax.rmi.ssl.SslRMIClientSocketFactory
```

```
RMIServerSocketFactory=javax.rmi.ssl.SslRMIServerSocketFactory
```

## Populate the certificate stores:

**Generate the keystore for each host** on the host machine running FR services (Report Server, Print Server, and Scheduler Server):

```
keytool -genkey -alias <serverName> -keyalg RSA -keystore <keystore>
```

Example:

```
C:\Hyperion\common\JRE\Sun\1.5.0\bin\keytool -genkey -alias  
mymachine.mydomain.com -keyalg RSA -keystore  
C:\Hyperion\BIPlus\lib\FRKeyStore
```

## Generate the certificate:

```
keytool -export -alias <ServerName> -keystore <keystore> -rfc -file  
<certFile>
```

Example:

```
C:\Hyperion\common\JRE\Sun\1.5.0\bin\keytool -export -alias  
mymachine.mydomain.com -keystore C:\Hyperion\BIPlus\lib\FRKeyStore -rfc  
-file mymachine.cer
```

**Copy the certificate files** to every FR Studio machine and every FR Server machine (FR Web, Report Server, Print Server, and Scheduler Server):

Import the certificates into the TrustStore

```
keytool -import -alias <serverName> -file <certFile> -keystore  
<truststore>
```

Example:

```
C:\Hyperion\common\JRE\Sun\1.5.0\bin\keytool -import -alias mymachine.mydomain.com -  
file mymachine.cer -keystore C:\Hyperion\BIPlus\lib\FRTrustStore
```

**Configure RMI servers** (Report Server, Print Server, and Scheduler Server) by adding the following to the JVM startup parameters (shell script files in UNIX or registry entries in Windows):

```
-Djavax.net.ssl.keyStore=C:\Hyperion\BIPlus\lib\FRKeyStore  
  
-Djavax.net.ssl.keyStorePassword=<mypassword>  
  
-Djavax.net.ssl.trustStore=C:\Hyperion\BIPlus\lib\FRTrustStore
```

The registry location for adding FR Server parameters is HKEY\_LOCAL\_MACHINE\SOFTWARE\Hyperion Solutions\Hyperion Reports\HyS9FR(Report|Print|Sched). Create new JVMOption(n) string values as needed and increment the JVMOptionCount to match.

**Configure the FR Studio and FR Web Application Server** by adding the following to the JVM startup parameters (shell script files in UNIX or registry entries in Windows):

```
-Djavax.net.ssl.trustStore=C:\Hyperion\BIPlus\lib\FRTrustStore
```

The registry location for adding FR Studio JVM parameters is HKEY\_LOCAL\_MACHINE\SOFTWARE\Hyperion Solutions\Hyperion Reports\HReports\JVM. Create new JVMOption(n) string values as needed and increment the JVMOptionCount to match.

The location for adding JVM parameters for the FR Web Application differs by Application Server. Consult your vendor documentation for details.

**Troubleshooting tip:** To output SSL trace messages to a log file add these JVM startup parameters for each of the FR processes:

```
-Djavax.net.debug=all
```

```
SysErrFile=<biplus>\logs\<FRProcess>_err.log
```

```
SysOutFile=<biplus>\logs\<FRProcess>_out.log
```

---

## Appendix B – Custom Ghostscript Parameters

The Financial Reporting Print Server uses Ghostscript as a way to convert a report's output from a Postscript (PS) file to PDF or to an image format (JPG). Ghostscript provides numerous options (parameters) for the conversion process. Financial Reporting previously passed these parameters directly to Ghostscript which prevented users from modifying or specifying custom parameters. However, the ability to provide custom Ghostscript parameters is now available.

### Implementation Overview

When it is necessary to convert a postscript output into PDF or JPG via Ghostscript, the Financial Reporting Print Server will query the windows registry. If a specific entry (detailed below) is found, it will use the user provided Ghostscript parameters from the registry rather than the default parameters to generate the PDF or JPG. Thus the user merely needs to modify the registry entry to obtain the desired output. This can include higher output resolution, the use of a custom conversion devices and/or changing the default paper size.

It is important to note that existing Financial Reporting installations will not be affected by this change. Users wishing to use this functionality should be familiar with Ghostscript in general and particularly with parameters that are used by Ghostscript. This is an advanced feature that can cause PDF or JPG output to fail or become corrupted if not implemented correctly.

### Ghostscript Documentation

In order to understand how to use the custom Ghostscript parameters feature in Financial Reporting, it is important to become familiar with the various documented parameters and how they affect the output. The following links provide the most relevant documentation:

- How to use Ghostscript: <http://pages.cs.wisc.edu/~ghost/doc/cvs/Use.htm>  
This link provides a comprehensive description of the general Ghostscript parameters.
- PostScript-to-PDF converter: <http://pages.cs.wisc.edu/~ghost/doc/cvs/Ps2pdf.htm>  
This link provides the parameters that are unique to the postscript to PDF conversion.
- Ghostscript output devices (JPEG): <http://pages.cs.wisc.edu/~ghost/doc/cvs/Devices.htm>  
This link provides the parameters that are unique to the postscript to JPG conversion. Note that this link contains details about other image output formats.
- Ghostscript Overview (main page): <http://pages.cs.wisc.edu/~ghost/doc/cvs/Readme.htm>

## Default Behavior

The new custom Ghostscript parameter feature **will not** be enabled by default. The install and configuration tool will not add the registry entries to enable this feature. It will require administrators to manually add the appropriate registry entries (described below) in order to enable the feature.

As such this section documents the current default Ghostscript parameters that are currently used to generate PDF and JPG from a report's postscript file.

### Postscript to PDF Conversion

The routine that uses Ghostscript to convert postscript output into PDF uses the following 12 parameters:

1. `ps2pdf` (name of GS instance, always ignored)
2. `-dNOPAUSE`
3. `-dBATCH`
4. `-dSAFER`
5. `-sDEVICE=pdfwrite`
6. `-dAutoFilterColorImages=false`
7. `-dColorImageFilter=/FlateEncode`
8. `-sOutputFile=[postscript file path]`
9. `-c`
10. `..setpdfwrite`
11. `-f`
12. `[PDF output file path]`

Where:

- `"[postscript file path]"` is the path of the postscript file and
- `"[PDF output file path]"` is the path of the PDF output file

See the [Ghostscript Usage](#) documentation for details on the above parameters.

### Postscript to JPEG Conversion

The routine that uses Ghostscript to convert postscript output into JPEG uses the following 7 parameters:

1. `ps2jpg` (name of Ghostscript instance, always ignored)
2. `-dNOPAUSE`
3. `-r200` (default resolution of 200 pixels per inch)

4. `-dJPEGQ=75` (jpeg quality level)
5. `-sDEVICE=jpeg`
6. `-sOutputFile=[postscript file path]`
7. `[PDF output file path]`

Where:

- "[*postscript file path*]" is the path of the postscript file and
- "[*PDF output file path*]" is the path of the PDF output file

When the report is set to landscape orientation, the following parameters are also included:

1. `-c`
2. `<</Orientation 3>> setpagedevice`
3. `-f`

See the [Ghostscript Usage](#) and [JPEG File Format](#) documentation for details on the above parameters.

## Specifying Custom Parameters

In order to override the default Ghostscript parameters the administrator must add registry keys whose values represent the custom parameters. It will be the administrator's responsibility to add the appropriate registry keys and make sure that the parameters produce the desired results.

The following sub-sections describe the process to add the custom parameters.

### Custom Parameters for Postscript to PDF Conversion

In order to enable the use of custom parameters for the postscript to PDF conversion routine, the following steps should be taken:

1. Run the Windows Registry Editor ("regedit.exe")
2. Navigate to the following key:  
HKEY\_LOCAL\_MACHINE\SOFTWARE\Hyperion Solutions\Hyperion Reports\HyS9FRPrint
3. Add a new *Multi-String Value* (i.e. "REG\_MULTI\_SZ") named "**GSPDFOptions**"
4. Double click the new value (or choose "Edit - Modify" from the menu) to bring up the "Edit Multi-String" dialog.
5. Add one parameter per line. In other words, after the first parameter, press enter then enter the second parameter, and so on. Do not put multiple parameters on the same line.
6. Click on the "OK" button in the dialog.

Note that it is **not** necessary to restart the Financial Reporting Print Server in order for the custom parameters to be read. The Financial Reporting Print Server will read the most recent information from the registry every time the postscript conversion routine is run.

### Custom Parameters for Postscript to JPEG Conversion

In order to enable the use of custom parameters for the postscript to JPEG conversion routine, the following steps should be taken:

1. Run the Windows Registry Editor ("regedit.exe")
2. Navigate to the following key:  
`HKEY_LOCAL_MACHINE\SOFTWARE\Hyperion Solutions\Hyperion Reports\HRPrintSrv`
3. Add a new *Multi-String Value* (i.e. "REG\_MULTI\_SZ") named "**GSImageOptions**"
4. Double click the new value (or choose "Edit - Modify" from the menu) to bring up the "Edit Multi-String" dialog.
5. Add one parameter per line. In other words, after the first parameter, press enter then enter the second parameter, and so on. Do not put multiple parameters on the same line.
6. Click on the "OK" button in the dialog.

Note that it is not necessary to restart the Financial Reporting Print Server in order for the custom parameters to be read. Financial Reporting Print Server will read the most recent information from the registry every time the postscript conversion routine is run.

## Mandatory Parameters

Certain parameters are required by the Ghostscript conversion routine. If, after querying the registry they are not found, Financial Reporting will always add them. However, it is advised that the following parameters be indicated when using custom Ghostscript parameters:

- `-dNOPAUSE`: This parameter disables the prompt and pause of Ghostscript. Because the FR print server is a service there should never be any user interaction.
- `-dBATCH`: This parameter is used for the PS to PDF conversion only. It compliments the "`-dNOPAUSE`" parameter
- `-sDEVICE=`: A device must be specified. If this parameter is not found, it will default to "`pdfwrite`" for the PS to PDF conversion and "`jpeg`" for the PS to JPEG conversion.
- `-c <</Orientation 3>> setpagedevice -f`: These parameters are used for the PS to JPEG conversion when a report is set to print in landscape orientation. It is not recommended that these parameters be added to the "GSImageOptions" registry entry.

## General Guidelines

The following guidelines should be considered when using the custom Ghostscript parameter feature:

- You should never use the "`-sOutputFile`" parameter. This parameter is always added by the Financial Reporting conversion routines. The output file cannot be hard-coded because it is dynamically generated by the Financial Reporting Print Server.
- Performance vs. Quality: It is important to weigh the benefits of higher quality versus the performance for producing the converted output. There are several Ghostscript parameters that can affect the output quality, however the `-r###` (resolution) parameter is most commonly used. In general, the higher the resolution, the more time it takes for Ghostscript to produce the output and the bigger the output file becomes.

For example, using "-r200" on a 180KB postscript file produces a 204KB jpeg file - using "-r400" (same PS file) produces a 563KB jpeg file.

- If the "-c" parameter is used, it must be closed with the "-f" parameter. Failing to do this may result in the postscript file name being interpreted incorrectly.
- The "-c" parameter and the subsequent PS commands should be entered at the end of all other parameters (except for "-f").
- It is not necessary to add both JPEG and PDF custom parameters. Users can indicate one or other, both or none.

## Turning Off Custom Parameters

To turn off the custom Ghostscript parameters users can rename the registry entries ("GSPDFOptions" or "GSImageOptions"). For example, rename "GSPDFOptions" to "\_GSPDFOptions" will force the PS to PDF routine to use the default parameters.

Alternately, the registry names can be kept intact, but their values can be empty. Even though the Ghostscript conversion routine finds the registry entry, it will still use the default parameters if the entry is empty.

### Examples

The following section provides valid examples of using the custom GS parameters from the registry.

#### Duplicating the Default Parameters

To duplicate the default Ghostscript parameters by using the registry, the following parameters would be entered.

"Default" entries for "GSPDFOptions" would be:

```
-dNOPAUSE
-dBATCH
-dSAFER
-sDEVICE=pdfwrite
-dAutoFilterColorImages=false
-dColorImageFilter=/FlateEncode
-c
.setpdfwrite
-f
```

"Default" entries for "GSImageOptions" would be:

```
-dNOPAUSE
-r200
-dJPEGQ=75
-sDEVICE=jpeg
```

#### Turning off DSC Comments

DSC Comments sometimes cause an error in the rotation of landscape pages. To turn off DSC Comments use the following parameters in the Registry.

"GSPDFOptions" registry value to turn off DSC Comments:

```
-dNOPAUSE
-dBATCH
-dSAFER
-sDEVICE=pdfwrite
-dAutoFilterColorImages=false
```

```
-dParseDSCComments=false  
-dColorImageFilter=/FlateEncode  
-c  
.setpdfwrite  
-f
```

### Changing the Resolution for Image Output

The default image resolution for the "export to Word / Powerpoint" feature is set to 200 pixels per inch. The resolution can be changed via the registry parameters.

However, changing the resolution to a large value will cause the produced image file to be bigger and thus may degrade performance of the conversion process.

"GSImageOptions" registry value to increase the resolution to 400 pixels per inch:

```
-dNOPAUSE  
-r400  
-dJPEGQ=75  
-sDEVICE=jpegTop
```

[Top of Document](#)

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