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

Release 9.3.1.2.00

Readme File

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About This Service Pack

This Readme file describes the defects fixed in Oracle's Hyperion® Reporting and Analysis - System® 9 Service Fix 9.3.1.2.00 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 and 9.3.1.1.

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 9.3.1.2.00 is an English only release.

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Defects Fixed in Release 9.3.1.2.00

Financial Reporting

Report Number	Description
6583469	FINANCIAL REPORTING REPORTS THAT USE EXPANSIONS, WHEN VIEWED AS A PORTLET WITH MORE THAN ONE REPORTING AND ANALYSIS PORTLET ON THE PAGE, MAY NOT REFRESH PROPERLY
7628883	ENTITY CURRENCY SETUP IS IN FR_GLOBAL.PROPERTIES, NOT FR_REPSERVER.PROPERTIES Page 231 of the Financial Reporting 9.3.1 User's Guide states: "A designer can map the string returned from Financial Management to another string by way of a properties file change. The mappings are defined in fr_repserver.properties in the HFM Entity Currency section. For example, a designer might add these lines to HFM Entity Currency section:" It should state the following: "A designer can map the string returned from Financial Management to another string by way of a properties file change. The mappings are defined in fr_global.properties in the HFM Entity Currency section. For example, a designer might add these lines to HFM Entity Currency section:"

Report Number	Description
6580034	IN THE POINT OF VIEW (POV), THE MEMBER IN THE FLAT DIMENSION IS NOT SELECTED AFTER A SEARCH In the POV, the member in a flat dimension is not selected after performing 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.
6621249	YOU CANNOT SAVE REPORTS IN FINANCIAL REPORTING 9.3.0.1 THAT ARE MIGRATED FROM HYPERION REPORTS RELEASE 7.2.1. After migrating from Hyperion Reports 7.x, one is unable to make changes and save reports containing row and column templates.
6689735	IMPORTING A FULLY SUPPRESSED REPORT INTO MICROSOFT POWERPOINT USING SMART

Report Number	Description
	VIEW CAUSES UNRESPONSIVENESS IN THE PRINT SERVER
6709569	<p>THE DEPRECATED FUNCTION, RETRIEVEVALUE, APPEARS IN THE INSERT FUNCTION DIALOG BOX</p> <p>The deprecated function, RetrieveValue, 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	IN HTML PREVIEW, EXPANSION OF MEMBER CAUSES OTHER MEMBERS TO DISAPPEAR
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 CONTAIN SPECIAL CHARACTERS</p> <p>When bursting a batch, PDF generation fails when a Member Name, Alias, or Description contains special characters.</p>
6822431	ERROR "(1001005) UNKNOWN MEMBER [[NONE]]" OCCURS IN A REPORT WHEN THE POV CONTAINS ATTRIBUTES
6825159	<p>THE ABILITY TO SET THE USER POV TO "ON" BY DEFAULT SHOULD BE PROVIDED. CURRENTLY, THE USER POV IS NOT DISPLAYED.</p> <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> <p>1. Add the following entries:</p> <ul style="list-style-type: none"> com.hyperion.reporting.HRPrefs.locationuserpov=viewpane #com.hyperion.reporting.HRPrefs.locationuserpov=above com.hyperion.reporting.HRPrefs.previewuserpov=1 #com.hyperion.reporting.HRPrefs.previewuserpov=0 <p>To:</p> <p>C:\Hyperion\Biplus\lib\ fr_repserver.properties</p> <p>And:</p> <p>C:\Hyperion\deployments\Tomcat5\Workspace\webapps\workspace\WEB-INF\classes\default-prefs.properties</p> <p>Note:</p> <p>"viewpane" sets the default POV location to appear in the View Pane.</p> <p>"above" set the default POV location to appear above Report/Book.</p> <p>"1" turns the Preview User POV on.</p> <p>"0" turns the Preview User POV off.</p>

Report Number	Description
	<p>2. Restart FR services.</p> <p>3. Create a new user.</p> <p>4. Log on to Workspace as the new user and run the report with the User POV.</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=<proxyHostValue> http.proxyPort=<proxyPortValue></pre>
6970591	<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= SMTPServerPassword=</pre>
6998809	<p>WHEN SELECTING "EXPAND ALL IN MEMBER SELECTION", THE FINANCIAL REPORTING WEB APPLICATION STOPS RESPONDING</p>
6998833	<p>POTENTIAL FINANCIAL REPORTING WEB APPLICATION CRASHES IF THE USER CLOSES A BROWSER WHILE PERFORMING SEARCH</p> <p>Potential Financial Reporting Web unresponsiveness occurs if the user closes the browser while performing search.</p>
7005739	<p>THE FORMATTING OF COLUMNS IS LOST WHEN RUNNING A REPORT WITH HIDDEN COLUMNS</p>
7038998	<p>CONDITONAL FORMATTED DATA VALUES DO NOT SHOW AS NEGATIVE WHEN EXPORTED TO MICROSOFT EXCEL</p> <p>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.</p>
7044831	<p>FINANCIAL REPORTING STUDIO FAILS TO CONNECT WHEN THE SERVER COMPONENTS ARE BEHIND A NAT ETWORK ADDRESS TRANSLATION (NAT) ROUTER</p> <p>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:</p>

Report Number	Description
	<ul style="list-style-type: none"> • policies:iio:buffer_sizes_policy:max_buffer_size = "-1"; • policies:iio:server_address_mode_policy:publish_hostname="true"
7158547	<p>FRUSERLOGIN.LOG SHOWS [NULL] FOR A USER NAME WHEN RUNNING A FINANCIAL REPORTING WEB REPORT</p> <p>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.</p>
7159861	CONDITIONAL SUPPRESSION PERFORMANCE DEGREDDATION 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	<p>THE FINANCIAL REPORTING PREVIEW USER POV DOES NOT SHOW AN ERROR WHEN USING NONEXISTING VALUES</p> <p>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.</p>
7330425	<p>THE MANAGEUSERPOV.CMD UTILITY HAS SIGNIFICANT PERFORMANCE ISSUES</p> <p>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.</p>
7352356	<p>A GRAPHICAL DEVICE INTERFACE (GDI) RESOURCE LEAK CAUSES ERRORS IN BOOKS WITH MANY REPORTS</p> <p>Books containing a large number of reports fail to generate PDF files.</p>
7359795	<p>GRID POV BOX ALIGNMENT TO GRIDS DOES NOT HOLD</p> <p>The grid POV box does not retain alignment to grids.</p>
7414060	UPON EXPORT TO MICROSOFT EXCEL, FULLY-FORMATTED, TEXT VALUES ARE REPLACED WITH UNDERLYING NUMERICS
7426667	<p>THE JAVA REMOTE METHOD INVOCATION (RMI) SERVICE FOR FINANCIAL REPORTING IS ENABLED WITHOUT ENCRYPTION SUPPORT.</p> <p>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.</p>
7426691	<p>A SUPPORTED VERSION OF GHOSTSCRIPT OR SIMILAR IS NEEDED</p> <p>Update: Support for GPL Ghostscript 8.63 and Ghostscript parameters has been added. See Appendix B for custom Ghostscript parameters.</p>
7480588	WHEN RUNNING THE ORACLE APPLICATION SERVER, EXPORTING TO EXCEL FAILS WITH INTERNET EXPLORER
7485983	<p>FINANCIAL REORTING REPORTS EXPORTED TO MICROSOFT WORD CANNOT BE READ</p> <p>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.</p>
7513480	<p>AFTER CLOSING EXPANSION, ADJACENT COLUMNS RESIZE INCORRECTLY</p> <p>Upon closing expanded data columns, text columns adjacent to data columns are resized incorrectly.</p>

Report Number	Description
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.
7579370	FINANCIAL REPORTING STUDIO FREEZES AFTER INSERTING A COMBO CHART AND SELECTING THE SHOW POINT VALUES OPTION
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

Report Number	Description
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 RELEASE 9.3.1.1.

EPM 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	<p>THE MENU OPTION, WHEN SELECTING TOOLS, THEN INSTALL, AND THEN SMARTSPACE, IS NOT VISIBLE IN WORKSPACE</p> <p>When SmartSpace is integrated with Workspace, the option to select Tools, then Install, and then SmartSpace should be visible in Workspace, but is not.</p>
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	<p>THE WRONG VERSION NUMBER IN BUILD.NUMBER FILE / ABOUT BOX: IS MISSING IN RELEASE 9.3.1.1 PREFIX</p> <p>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.</p>
7495938	<p>SCHEDULED JOBS SAVING HTML OUTPUT TO A DIRECTORY SKIPS FILES</p> <p>The Workspace User's Guide requires the following text in table 134 - Output Directory Options:</p> <p>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.</p>
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	<p>THE FIRST DIALOGUE BOX IS MISSING WHEN ADDING A NEW PERSONAL PAGE</p> <p>The variable regarding user's ability to publish Personal Pages is not updated properly.</p>
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	WORKSPACE LOGON PAGE <code>INDEX.JSP</code> DISPLAYS BLANK GREY SCREEN
7537513	HOURLY JOBS RUN CONTINUOUSLY WHEN DAYLIGHT TIME REVERTS TO STANDARD TIME

Report Number	Description
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	<p>DATA LAYOUT HAS NO HORIZONTAL SCROLL BARS IN WORKSPACE TO SEE LONG DIMENSION NAMES</p> <p>Update: Horizontal scrollbars were added to the Data Layout control in Workspace to enable the user to scroll long-string dimension names.</p>
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	<p>THE MIGRATED "SELECTION BUTTON SUBSCRIPTION" BUTTON DOES NOT WORK CORRECTLY</p> <p>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.</p>
7452843	SUBSTITUTION VARIABLES ARE NOT CORRECT IN WEB ANALYSIS IF THE VALUE IN ESSBASE IS SET TO "ALIAS"
7492566	<p>A CONFIGURABLE WEB ANALYSIS PROPERTY FOR CHOOSING MEMBER HIERARCHY SORTING APPROACH IS REQUESTED</p> <p>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.</p>
7494500	<p>YOU ARE NOT ABLE TO EXPORT DRILL THROUGH REPORTS TO MICROSOFT EXCEL ON MICROSOFT OFFICE 2007</p> <p>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:</p> <ul style="list-style-type: none"> • <code>ShowPathToExcelDlg=false</code> <p>Note: When this setting is set to false, Excel is started by the operating system as an associate to .xls files executable</p> <ul style="list-style-type: none"> • <code>ShowPathToExcelDlg=true</code>

Report Number	Description
	<p>ExcelPath=<Path to Excel> For example, ExcelPath=C:\\My_Excel_Path\\Excel.exe;C:\\Your_Excel_Path\\Excel.exe. Note: When this setting is set to true, Microsoft Excel is started based on the defined ExcelPath setting.</p>
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 (API) 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 will not be 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/<user_name>) and the user is not the owner of that folder, then the user will still be granted "Full Control" access rights. Also, the user will not be able to 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 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>

Report Number	Description
	"No Data Available" displays incorrectly when using suppression options of Missing Rows and Missing Columns.
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, it is necessary to add an entry <code>HierarchySortingType=true</code> in <code>WebAnalysis.properties</code> file, and then restart the Web Analysis application.</p>
7494529 7494530	<p>WORKSPACE HANGS WHEN A USER OPENS A DELETED REPORT USING THE SERVICE BUTTON</p> <p>Workspace hangs when a user opens a Web Analysis report through a Service Button Link, where the target report does not exist.</p> <p>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.</p>
7494532	<p>RELATIONAL DRILL THROUGH CONNECTION TO STRUCTURED QUERY LANGUAGE (SQL) TABLES DOES NOT WORK IN WORKSPACE</p> <p>Relational drill through connection to SQL tables returns a blank window when the report is executed from the Workspace.</p>
7494533	<p>DRILL THOUGH DOES NOT WORK IN WORKSPACE</p> <p>In Workspace, when drilling through on the any dimension within a report, the selected member is not passed to the target report.</p>
7494535	<p>"SELECTED MEMBER FIRST" FEATURE PROBLEM: MEMBERS ARE NOT ORDERED PROPERLY</p> <p>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.</p>
7494536 494537	<p>DRILL DOWN IS ALWAYS EXPANDING MEMBERS EVEN IF EXPAND ON DRILL OPTION IS UNCHECKED</p> <p>Drill down always expands members even when the "Expand on Drill" option is disabled.</p>
7494538	<p>DRILL LINK - FILTER WITH SELECTION "CHILDREN OF/DESCENDANT OF" DOES NOT DISPLAY MEMBERS</p> <p>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.</p>
7494542	WHEN PRINTING VIA PDF, SOMETIMES AN ERROR MESSAGE OCCURS INSTEAD OF RECEIVING PDF OUTPUT
7494551	<p>YOU ARE UNABLE TO SAVE A DOCUMENT AS HTML IF YOU ACCESS WEB ANALYSIS APPLLET THROUGH INTERNET INFORMATION SERVICES (IIS)</p> <p>Update: "Save as HTML" functionality now works when Web Analysis application is running IIS HTTP Server.</p>
7494553	ARIAL AND VERDANA FONTS ARE RENDERED AT A LARGER POINT SIZE IN WORKSPACE
7494556	<p>SOME SPREADSHEET OPTIONS, DEFINED IN JAVA, ARE NOT HONORED IN WORKSPACE</p> <p>Some Spreadsheet Options, such as columns custom width, defined in the Web Analysis</p>

Report Number	Description
	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
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 RELOGON
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

Report Number	Description
7259150	USING "REFRESH ALL" IN 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 SmartView: When importing Interactive Reporting files, if the selected section is different from the Activate() section in OnStartup event, the selected section is not displayed when the user selects preview. The Activate() section is displayed instead.

New Features in Release 9.3.1.2.00

Web Analysis

Reference Number	Description
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 combobox(-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 of 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 THE WORKSPACE HAS BEEN IMPLEMENTED

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 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	SECTION.COPY() 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 OCCURS WITH TEXT WRAP, PRINTING AND PDF EXPORT PROBLEMS.
7034715	OBJECT MODEL AUTOSIZEWIDTH 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	DRILL DOWN 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. (8-634176176)
7011241	USERS/GROUPS WITH CUSTOM PERMISSIONS RECEIVE GLOBAL ADMIN. ROLE 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. (8-659449561)
7011211	AN UPGRADE TO 9.3.1.0 CAUSES THE NEW SIZE COLUMN NOT TO BE DISPLAYED (8-656344654)
7011199	REPORT SECTION WHOSE CONTENT IS CURRENT IN 9.2.0.3 HAS MISSING DATA IN 9.3.0 AND LATER (8-664568793)
7011188	DATA IS TRUNCATED VERTICALLY IN WORKSPACE DISPLAY AND PDF (8-561176867)
7011173	LONG RUNNING JOBS FAIL TO COMPLETE SUCCESSFULLY AND RESULT IN A TIME OUT. (8-664578636)
7011160	ERROR OCCURS AFTER REPLACING A PUBLISHED JOB. SOME FEATURES ARE INACCESSIBLE (8-659385651)
7010978	HYPERLINK IN DISPLAY MODE, CURRENT OR TOP FAILS. (8-658448981)
7010969	ACTIVE CUBEQUERY EMBEDDED SECTION OBJECT IN DASHBOARD DOES NOT RETAIN ACTIVE PROPERTY IN WORKSPACE (8-63536888)
7010949	ADDING ALIAS NAMES TO MEMBER SELECTION BY WAY OF A SCRIPT IS NOT POSSIBLE. (8-650751970)
7010943	NOT ALL HEADERS ARE DISPLAYED WHEN A PIVOT SECTION IS EMBEDDED. (8-662786347)
7010927	THE WORKSPACE BROWSER SHUTS DOWN WHEN CLOSING INTERACTIVE REPORTING WEB CLIENT WINDOW. (8-662409221)
7010909	INCORRECT RESULTS OCCUR WHEN PROCESSING A MIGRATED INTERACTIVE REPORTING DOCUMENT VERSION 6 USING LOCAL JOINS (8-659365821)
7010902	WHEN YOU OPEN A SAVED QUERY IN INTERNET EXPLORER BY DOUBLE CLICKING THE DOCUMENT, IT DEFAULTS TO OFFLINE MODE (8-655890371)
7010883	RECEIVE JAVASCRIPT ERROR WHEN LAUNCHING AN INTERACTIVE REPORTING DOCUMENT (BQY) IN A WORKSPACE EMBEDDED BROWSER (651991011)
7010867	NUMBER FORMAT CANNOT BE SUCCEEDED PROPERTY WHEN EXPORTING INTERACTIVE

	REPORTING DOCUMENT (BQY) (8-599149121)
7010800	CANNOT PUSH INTERACTIVE REPORTING DOCUMENT (BQY) TO GROUP OR ROLE
7010792	IF JOBS ARE SET TO EXPORT PIVOT SECTIONS TO 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 ONCELDOUBLECLICK EVENT OF AN EMBEDDED CUBEQUERY SECTION
7010431	SECURE SQR: SECURITY SETTING ON GROUPS IS NOT APPLIED
7010384	THE WARNING MESSAGE ON DOWNLOAD TO RESULTS SHOULD BE REMOVED
7010370	IMPLEMENT DAS_MULTIDIMENSIONAL_DB_PARTIAL_RESULT_ROW_COUNT PROPERTY FOR CUBEQUERY
7010277	POOR WEB CLIENT PERFORMANCE ON ADD MEASURE JAVASCRIPT FOR CUBEQUERY SECTION
7010044	UNABLE TO RUN SQR JOB VIA SMARTCUT FOR A USER WITH A JOB RUNNER ROLE
7010030	CANNOT OPEN INTERACTIVE REPORTING DOCUMENT FILE (BQY) IN WORKSPACE 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 REPORT 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 (8-639597029)
7008133	BOTTOM LINE CHARACTERS ARE TRUNCATED WHEN THE REPORT SECTION IS PRINTED
7008120	THE WARNING MESSAGE KEEPS ON APPEARING WHEN THE OPTION: "DO NOT HOW THIS WARNING AGAIN" IS ENABLED (8-661639186)
7008103	DATABASE TOTALS NO LONGER EXIST UNDER 9.3.1 QUERY OPTIONS (8-649839252)
7008089	NETWORK ERROR IS RETURNED WHEN DOWNLOADING LARGE NUMBER OF ROWS (8-644957671)
7008074	INVALID TOTALS ARE DISPLAYED WHEN RUNNING OLAP QUERY FOR ESSBASE WITH

	LARGE NUMBER OF CHILD MEMBERS (8-634027803)
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 Itanium. The orphaned process does not impede users from continuing to process and work on the computer.

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.

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Installing Service Pack 9.3.1.2.00

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 2. The patch can be applied on top of a 9.3.1.0 or 9.3.1.1 installation.

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

Modify the `patch.properties` file:

- a. Set the `patch.version` property (by default it is pre-configured to contain the correct version, for example, 9.3.1.2.0.329).
- 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.

Note:

- Steps a-f are required only if your configuration was upgraded from pre 9.3.1 releases.
- jdbc errors in the log file for either path can be expected and ignored.

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
```

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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`

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=jpeg
```



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