



Agile Product Lifecycle Management

Readme

v9.3.0.3

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Preface

Oracle's Agile PLM documentation set includes Adobe® Acrobat PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html> contains the latest versions of the Agile PLM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Agile PLM Documentation folder available on your network from which you can access the Agile PLM documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader version 9.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) <http://www.adobe.com>.

The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html> can be accessed through **Help > Manuals** in both Agile Web Client and Agile Java Client. If you need additional assistance or information, please contact My Oracle Support (<https://support.oracle.com>) for assistance.

Note Before calling Oracle Support about a problem with an Agile PLM manual, please have the full part number, which is located on the title page.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

Readme

Any last-minute information about Agile PLM can be found in the Readme file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html>.

Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) http://www.oracle.com/education/chooser/selectcountry_new.html for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

What's New in Agile PLM 9.3.0.3

This chapter includes the following:

▪ Oracle Agile Service Pack Access.....	1
▪ Before Upgrading to Agile PLM 9.3.0.3	1
▪ Install and Test Notice	2
▪ Oracle Agile Product Overview Checklist	2
▪ Accessing Agile PLM Documentation	3
▪ New Features in Agile PLM Solutions	3

This chapter contains important information about this product release and lists new features available in this release.

Oracle Agile Service Pack Access

The latest Agile PLM Service Pack software can be accessed at My Oracle Support:

<https://support.oracle.com/CSP/ui/flash.html>

Before Upgrading to Agile PLM 9.3.0.3

Before upgrading to Agile PLM 9.3.0.3, you must install upgrades of two components: Oracle Application Server (OAS), followed by upgrade of the Sun Java Development Kit (JDK).

Upgrade to OAS is Required

Prior to installation of Agile PLM 9.3.0.3, Oracle Application Server (OAS) must be upgraded to Version **10.1.3.5**.

The PLM Installer includes a prompt that requires the customer to confirm that OAS has been upgraded. The Installer will disable the installation if OAS has not been upgraded.

Upgrade of JDK is Required

Once OAS is upgraded, and again *prior to installation of Agile PLM 9.3.0.3*, Sun Java Development Kit (JDK) must be upgraded to Version **1.5.0_22** (Ver. 1.5 **B22**, or "1.5 Build 22").

Note that JDK 1.5.0_18 (Ver. 1.5 **B18**) is bundled with OAS 10.1.3.5; however, Agile PLM 9.3.0.3 does not support this Version/Build of JDK, and PLM will not run properly if JDK Ver. 1.5 is not upgraded from B18 to B22 (or higher).

The PLM Installer includes a prompt for the customer to confirm that JDK has been upgraded (from B18 to B22), but the Installer does not enforce the upgrade of the JDK. In any case, if the customer reaches this prompt and has not installed JDK 1.5 B22 (or higher), you must stop the Install process and upgrade JDK to Version 1.5 Build 22 (or higher).

Install and Test Notice

Important Install and test this release on a designated development server before installing it on your production environment. Your development environment should mirror your production environment as closely as possible to provide accurate testing results. It is important to validate the installation of this release, and confirm your integrations are working correctly as part of your minimum due diligence. Any problems or questions noted during your development system testing should be resolved before installing this release on your production environment.

Oracle Agile Product Overview Checklist

After reading the content of this Oracle Agile PLM release document, we suggest performing the following tasks:

- Feature Review:
 - Review the New Features and Resolved Issues sections to make sure you understand the overall product changes in this release.
- Business Process Review:
 - After completing the New Feature and Resolved Issues review, make sure you understand if any of your current business processes are impacted by this release and/or if they might need to be modified and re-evaluated. This is a very important preparation step as you move forward with implementing any Agile release. Make sure all of your key business processes are thoroughly documented and you have an overall business owner who understands each process. Use this list of processes as a checklist against the features and changes in this Agile release. You may want to assign a “weight” to each change in terms of how significant an impact it has to your organization (think about re-training users, changing current integrations, etc.)
- Identify resources to install and test this release.
 - Make sure that a test environment is ready and that tests have been developed to ensure this release performs the functions necessary for your business. Verify that the system can be rolled back in the unlikely event of a failure. Make sure that your testing includes all aspects of the product features, all of your business processes and any integration that you may have (AIS, SDK, ChangeCAST, ACS, etc.). If considering switching to LDAP authentication, come up with a plan to test the LDAP integration. Make sure to cover common scenarios like changing password, removing a user, etc.
- Create an upgrade plan and strategy.
 - For a release, we recommend engaging our Oracle Consulting Organization for your upgrade. Validate the hardware configuration according to the Capacity Planning Guide. If you plan to manage your own upgrade, create a very detailed upgrade plan that includes a scheduled start time, an established number of “dry” runs, a pre-determined rollout date, and a designated team of individuals across your organization with detailed knowledge of product, technology, networking, business process, etc.

- Prepare end-user training.
 - We recommend exposing a number of your power users to the new version well in advance of a production rollout to ensure that your users deeply understand the product functionality. Much of the end user training will actually begin during the testing phase. Use this feedback as a basis for your overall end-user training.

Accessing Agile PLM Documentation

PLM Solution and Administration Manuals

Please use this Web site to access your Agile PLM 9.3.x documentation, which includes manuals about installing PLM, configuring and administering PLM, and all the PLM solutions for users:

<http://www.oracle.com/technetwork/documentation/agile-085940.html>

Note The documentation of Agile PLM 9.3.x is no longer accessed through Metalink.

PLM Sample Code and Scripts

Sample code and scripts that pertain to the solutions listed below may be found at

<https://www.samplecode.oracle.com>

On the Oracle Technology Network page, click the **Code Samples** tab. Under "By Product", click **Agile PLM**. Then navigate to the specific samples you want (the rows of the samples begin with the specific product release, such as "9.3.0.3"):

- **Agile Integration Services (AIS)**
- **SDK (including Document Publishing)**
- **Web Services** (using Web Services to integrate with Agile PLM)
- **Event Management** (these samples begin with "9.3")

New Features in Agile PLM Solutions

The following sections list features that have been added to Agile PLM 9.3.0.3.

User Access of Related Objects Refined

Oracle Agile PLM Release 9.3.0.3 incorporates internal changes that refine user access to related objects in the areas of Searching and Exporting, specifically relating to business objects that may be returned because they are associated with primary objects.

As always, after any upgrade, it is important that your company validate the previously existing PLM users' Roles & Privileges. This is especially true if your company is large, uses many business objects, and has a large variety of user roles. Your testing should follow your internally defined test requirements. A validation approach might include a user with key Privilege Masks and/or Roles logging into the system and executing a series of typical Searches and Exports. The objective is to verify that users receive predictable results, and that Search and Export return these results within an acceptable time period.

Oracle Application Server 10.1.3.5

Agile PLM 9.3.0.3 supports iAS 10.1.3.5.0, a patchset to prior releases of iAS 10gR3 delivering fixes to iAS.

AutoVue 20.1

Agile PLM 9.3.0.3 supports the latest version of AutoVue, called "AutoVue 20.1 for Agile PLM".

Issues Resolved by HotFix Releases Incorporated in PLM 9.3.0.3

This chapter includes the following:

- HotFixes Included in this Product Release 5

This chapter contains information about the bugs that were resolved in HotFixes that have been incorporated into Oracle's Agile Product Lifecycle Management (PLM) software application.

HotFixes Included in this Product Release

The software content of Agile PLM 9.3.0.3 include the following HotFixes (patches):

PLM Release 9.2.2.5 HotFixes 62–64, 67–70.

PLM Release 9.3.0.0 HotFixes 8, 17, 26–28.

PLM Release 9.3.0.1 HotFixes 7, 26–28, 30, 32, 33, 35–38, 40–42, 44–46, 49–51, 53, 54, 56–60.

PLM Release 9.3.0.2 HotFixes 1–7, 9–20, 22–37, 39–41, 44–52, 54–75.

PLM Release 9.2.2.5

9225_70

SR 3-2106862451

Bug ID 10113615: USERS ARE NOT ABLE TO UPDATE (ADD/MOVE/RENAME) BOOKMARKS IN AGILE.

Root Cause: The set flag affected the My Bookmarks and Search folders.

Resolution: Update and only set the flag for Report folder.

PLM Release 9.3.0.0

9300_08

SR 7824522.992

Bug ID 9042586: ITEM GROUP/PARTS TAB ATTRIBUTES NOT UPDATED WHEN UNDERLYING PART CHANGED.

Root Cause: When updating a Part/Mfr Part object, the original code doesn't update the Item Group|Parts tab information.

Resolution: Updated the related information on the Item Group|Parts tab when updating a Part/Mfr Part object.

9300_17

SR 3-1111335111

Bug ID 9152743: PCM UNABLE TO UPDATE PRICE GENERAL INFORMATION FOR PARTS WITH A REVISION VIA IMPORT.

Root Cause: Import fails to find the Price Object due to the Item Revision format--which includes the Change Number. Also, Import validates a case-sensitive value of "All".

Resolution: Normalized the Item Revision information so that the Change Number information is ignored. Also, modified code to have the check for "All" as case-insensitive.

9300_26

SR 3-1924073991

Bug ID 10151046: QUALITY CHANGE REQUEST (QCR) STATUSES ARE DISAPPEARING AND EVENTUALLY NOT RETURNING A STATUS.

Root Cause: Incorrect QCR status is removed from the Quality tab filter of the Item and Price object.

Resolution: Removed \$CURRENT status (not other statuses for the Item and Price objects Quality tab filter).

9300_27

SR (N/A)

Bug ID 10011995: THE PROPERTY ENV-VALUE.0 IN THE SERVER API PROPERTIES FILE GETS UPDATED IN `WLTHINT3C`

Root Cause: SDK checks the server environment by checking if the related server special class exists. It will first check if it is WebLogic, and if not, it will check if it is an OAS environment. In this case, since `wlthint3client.jar` is put in the OAS application library, it will be treated as a WebLogic environment because the related file is contained in `wlthint3client.jar`.

Resolution: Check the server type in the `agile.properties` file.

9300_28

SR 3-2304382531

Bug ID : 10275732 UNABLE TO CREATE CRITERIA WITH AN AFFECTED ITEM USING \$USER AS THE OPTION.

Root Cause: Criteria does not handle dynamic lists.

Resolution: Handled the "\$USER" dynamic list especially for this use case.

PLM Release 9.3.0.1

9301_07

SR 3-1111335111

Bug ID 9232604: SPECIFICATION FIELDS NOT SHOWING IN THE 'VIEW SUBSTANCE' POPUP, and,

Bug ID 9320868: SDK CHANGING SUBSTANCES VIEW IN AGILE PLM 9.3.

Root Cause: The value of the Spec_name column is skipped for performance reasons.

Resolution: Enabled and loaded the Spec_name column from the database.

9301_26

SR 3-1675747221

Bug ID 9590373: JSF APPS FAIL WHEN CONNECTING TO AGILE ON WEBLOGIC.

Root Cause: Class path is incorrectly set in the WLS environment.

Resolution: Corrected the class path.

9301_27

SR 3-1713711921

Bug ID 9661110: AFTER UPGRADING, THE WHERE USED TAB OF THE MANUFACTURER OBJECT SHOWS A FEWER NUMBER OF MANUFACTURER PARTS THAN IN AGILE 8.5.

Root Cause: The Checking table Max display rows code should be in the service level, but is in the DAO level.

Resolution: Moved checking table Max display rows code to the service level.

9301_28

SR 3-1506958321

Bug ID 9692350: THE WEBLOGIC SERVER USES TOO MUCH CPU RESOURCE.

Root Cause: `java.util.HashMap` is not thread-safe and can cause high CPU usage when the HashMap is used in a concurrent setting with insufficient synchronization.

Resolution: Used another Map to replace the HashMap for this issue.

9301_30

SR 3-1637954161

Bug ID 9673625: AUTO PROMOTE IS NOT WORKING.

Root Cause: If the default approver is a special user (such as \$ORIGINATOR), the system handles it as common approver.

Resolution: For a special default approver (such as \$ORIGINATOR), it is handled as a default approver.

9301_32

SR 3-1756779488

Bug ID 9718759: NOT ABLE TO ADD SUPPLIER TO PART'S SUPPLIER TAB - BROWSER HANGS.

Root Cause: Supplier resolution does not work for numeric numbers and suppliers whose number field has been modified.

Resolution: Now use the supplier ID directly instead of resolving the supplier number while adding it to the Item's tab. Updated the cached number based map when a supplier's number was modified.

9301_33

SR 3-1827893991

Bug ID 9796243: UNABLE TO EDIT EDITABLE FIELDS IN A CHANGE ORDER'S AFFECTED ITEMS (AI) TAB AFTER APPLYING HF25.

Root Cause: Editable array of rows in the change AI table is not correct when loading a change AI table using a personal view.

Resolution: Set the correct value to the editable array.

9301_35

SR 3-1825533051

Bug ID 9876176: NOT ABLE TO SYNCHRONIZE USER IF THE USER ID IS MODIFIED ON THE LDAP SERVER.

Root Cause: Not handling UID and GUID properly while updating the user's middle name.

Resolution: Use GUID instead of user ID while updating the user information in the Database.

9301_36

SR 3-1794105691

Bug ID 9867654: THE USER CAN PERFORM ACTION MENU FUNCTIONS BEFORE PRESSING THE SAVE BUTTON IN AGILE WEB CLIENT.

Root Cause: Web Client did not check whether there is any change on the page prior to executing a process extension (PX).

Resolution: Added the page dirty check before the PX. If there is any change, the user is prompted to decide whether to execute the PX or not.

9301_37

SR 3-1845434611

Bug ID 9887889: ACS.SKIPSERVER IS NOT WORKING ON WEBLOGIC (WLS).

Root Cause: WLS cluster-managed server overrides the application properties file on every restart.

Resolution: Added parameters to the managed-server startup script to override the values in the properties file.

9301_38

SR 3-1885864691

Bug ID 9960438: FILE ATTACHMENT ERROR WITH THREE OR MORE NODES IN CLUSTER.

Root Cause: The Agile File Manager doesn't preserve the cookie while issuing the http requests for a file operation. The session stickiness of the Load balancer can't be enforced--thus resulting in the failure of the file operations.

Resolution: Agile File Manager preserves the load balance cookies while doing file operations.

9301_40

SR 3-1849058601

Bug ID 10008039: PROGRAM CONTENT NOT CLONED WHEN MULTIPLE PEOPLE CREATE A PROJECT AT THE SAME TIME.

Root Cause: The lock on deliverables will be released only after the whole "save as on template" transaction is complete--hence the other parallel transaction will not be able to acquire the lock if the program tree is too large.

Resolution: a. If the "Create From Template" action is performed in the foreground (i.e., the Run in Background FLAG in the UI is unchecked), then only one user will be able to perform the "Create from Template" or "Save As" operation on a specific Template. If some other user tries to do the same operation concurrently on that specific template, an error message will be displayed.

b. If the "Create From Template" action is performed in the background (i.e. The Run in Background FLAG in the UI is checked), then two users would be able to perform the "Create from Template" or

"Save As" operation on a specific Template at the same time. But for the second user, it may take more time because the operation would be performed only after the first user's operation is complete.

Note: The above approach would solve most of the issue, as long as the Contents (Relationships) are not shared across Templates trees. This could be avoided by setting up the templates accordingly.

9301_41

SR 3-1617050031

Bug ID 9762443: USER GETS A FATAL ERROR IN AGILE WEB CLIENT DUE TO A SERVER ISSUE.

Root Cause: Attributes can be customized at the class level. However, the meta data returned from the server is only from one of them, which can result in a null pointer exception.

Resolution: Reference type is added to row data so that different rows of a table can point to different types of objects.

9301_42

SR 3-1847700211

Bug ID 10043347: ERROR RUNNING ASSEMBLY COST ROLLUP REPORT WITH AMOUNTS GREATER THAN \$999.

Root Cause: The ",", or "." used by the number format when the value is more than 999 causes the report to fail.

Resolution: Used a number format to get the cost value.

9301_44

SR 3-1966446011 and 3-2040431661

Bug ID 10110753: THE TRANSFERRED DECLARATION (MCO) CONTAINS STRANGE DATA IN THE BOM OUTPUT.

Root Cause: When the MCO's redline data is in the its AI's change history table, the code that performs loop statements to find it does not reach the last one.

Resolution: Let the loop statement reach the last record when the MCO's redline data is on the last row.

9301_45

SR 3-2040307711

Bug ID 10086504: AN INPUT STRING ERROR MESSAGE OCCURS WHEN SAVING AFTER MODIFYING A LIST ATTRIBUTE IN COMBINATION WITH ANOTHER ATTRIBUTE--SUCH AS A TEXT OR DATE ATTRIBUTE.

Root Cause: When the server makes a call to save the modified attribute, the workflow validation code will sort the dirty attribute ids, but not the values, causing a mismatch between the id and the value.

Resolution: Made a copy of the attribute ID array--sorting on the copied one instead sorting on the original list.

9301_46

SR 3-2092721231

Bug ID 10221095: CANNOT DELETE FILE ASSOCIATION, JAVA CLIENT HANGS WITH CLICK ON SAVE.

Root Cause: There is some bad metadata and UI throws exceptions.

Resolution: Corrected the metadata problem.

9301_49

SR (N/A)

Bug ID 10276392: THE PROPERTY ENV-VALUE.0 IN THE `SERVERAPIPROPERTIES` FILE GETS UPDATED WHEN WLTHINT3C.

Root Cause: SDK checks the server environment by checking if related the server special class exists. It will check if this is WebLogic first, then if not, it will check if this is OAS environment. In this case, since `wlthint3client.jar` is put in the OAS application lib, it will be treated as WebLogic environment because the related file is contained in `wlthint3client.jar`.

Resolution: Checking the server type by getting it from the `agile.properties` file.

9301_50

SR 3-1847712001

Bug ID 10229107: SYS_AMLACD IN CHANGECAST IS ALWAYS A (ADD).

Root Cause: The list of Change history is used to determine if a Manufacturer Change Order (MCO) has a previous version, but the list is not ordered.

Resolution: Modified this function to find if the MCO has a previous version based on the release date of the change history.

9301_51

SR 3-1780542971, 3-2200730601, 3-2283735631, 3-2324448470, 3-1981619191

Bug ID 9868516: THE BOM EXPLOSION REPORT DOES NOT WORK WITH SOME ASSEMBLIES.

Root Cause: When an Engineering Change Order (ECO) includes an Assembly and a Part, and the Part is in the Assembly's BOM, the server fetch for the LifeCycle Phase of the Part will get a null value and give a `nullPointerException`.

Resolution: Used a different way to get the LifeCycle Phase information.

9301_54

SR 3-2789494901

Bug ID 9561307: THE USER CANNOT GENERATE REPORTS FROM AGILE.

Root Cause: The XML parser is unable to read the template using the method
`javax.xml.transform.TransformerFactory.newTemplates(...)`.

Resolution: Replace the XML parser with more current version `xmlparserv2.jar`.

9301_56

SR 3-2272260791

Bug ID 10255151: COPY/PASTE TO A MICROSOFT EXCEL SPREADSHEET OVERWRITES AT THE THIRD COLUMN OF CELLS.

Root Cause: The bug is caused by the invalid HTML format of MainFrames.jsp, in which the following tags are written between the HEAD tag and the BODY tag: `<%@include file="includes/AttachmentVariablesInclude.inc"%>` and `<%@ include file="includes/GridDefaults.inc"%>`

Resolution:

1. Put the following code inside the HTML head tag: `<%@include file="includes/AttachmentVariablesInclude.inc"%>`
2. Put the following code inside the HTML body tag: `<%@ include file="includes/GridDefaults.inc"%>`

9301_57

SR 3-2502605471

Bug ID 11717823: ALL TASKS ARE DUPLICATED IN THE TIMESHEET TAB FOR SOME USERS.

Root Cause: The same set of rows are always returned.

Resolution: Returned the rows based on the page number.

9301_58

SR (N/A)

Bug ID 10382910: AGILE NOTIFICATIONS STOPPED SENDING WHICH REQUIRED A BOUNCE OF BOTH APPLICATION SERVERS.

Root Cause: Agile is unresponsive due to an out of memory error caused by a SMTP socket being blocked from processing email notifications.

Resolution: Added an SMTP connection time out in the email thread--the default value is two minutes. If it cannot connect to the correct email server in two minutes, it will time out and continue

to the next thread.

9301_59

SR (N/A)

Bug ID 10418722: DUPLICATE PSR LINE ITEMS ARE APPEARING IN CUSTOM SEARCHES.

Root Cause: The metadata for multitext attributes are not accurate enough--it causes duplicate records.

Resolution: Updated the metadata information for multi-text attributes in the database. [PSR_ITEM updated to PSR_ITEM_VIEW]

9301_60

SR 3-2133310221

Bug ID 11925766: FAILURE MODE LIST SHOWS AS MULTILIST (WITH A SEARCH).

Root Cause: Only one failure mode metadata can be used for each AI on the PSR. So essentially, we are really looking at one list--it just has different subsets of values for each of the different subclasses that can be on the PSR AI tab. When users want to edit the failure mode list, it will use classid to get all the values.

Resolution: 1. Separate the display lists. If the user is looking up a failure mode for the parts subclass, we will only show part failure modes (not those for documents).

2. Set PSR.AI.Failure Mode list ID to 5132 instead of 4873--which is the attribute ID. If the total number of failure modes goes below 250, the administrator will have to manually change it back to list.

3. Hide the failure mode list display mode for parts, documents, etc. (since we use the display mode from the PSR failure mode list). This will avoid confusion if there is more than one list being used.

4. Use the subclass ID to get values for a specific failure mode list.

PLM Release 9.3.0.2

9302_01

SR 3-1589787881

Bug ID 9507031: AFTER RELEASING A PCO, ONLY REDLINED PRICELINE DATA SHOWS ON THE PRICES TAB OF THE SEARCH RESULT

Root Cause: The initial released price lines on Item.Price and MFR.Price tabs are filtered out while loading the Prices table if they are not redlined by PCOs, because pricelines having change_in=0 and change_out=0 are ignored.

Resolution: `ItemCachePrice.loadPriceTable()` and `MfrPartPriceDAO.loadTable()` methods were fixed to include pricelines having `change_in=0` and `change_out=0`.

Bug ID 9844040: ONLY THE RELINED PRICELINE IS DISPLAYED IN THE REPORTS RESULTS FOR PRICES

Root Cause: The search-generated SQL does not include the redlined priceline when the output field contains priceline attributes.

Resolution: Changed the generated SQL for price mapping:

In `PRICE_P2P3_QUERY.DEFAULT_CHANGE = PRICELINE.CHANGE_IN (+)` replace "=" with ">=".

9302_02

SR 3-1874649751

Bug ID 9796990: CANNOT MAKE THE CHANGE ANALYST FIELD REQUIRED ON THE WORKFLOW STATUS CRITERIA

Root Cause: Change Analyst field is using 0 to express the field is empty in the Cache.

Resolution: Replaced 0 to null if the field is empty before doing the required field checking.

9302_03

SR 3-1880523131

Bug ID 9797590: UNABLE TO APPROVE WITH PERSONAL USER GROUPS WHEN "ANY" IS SELECTED

Root Cause: System allows you to add personal user groups as approvers and observers.

Resolution: System does not permit you to add personal user groups as approvers and observers. An error message will appear.

9302_04

SR 3-1820763771; 3-1703620061

Bug ID 9785480: USER CANNOT IMPORT DATA INCLUDING A USER LIST, CPU AT 100% AND AN OUT-OF-MEMORY ERROR

Root Cause: When validating the data to be imported with a user list, the system will build a user list first. If there is a large number of users, the performance will be impacted and an Out-of-Memory error may occur.

Resolution: Skip complex processes to build the user list.

9302_05

SR 3-1964563451

Bug ID 9943957: ABILITY TO SYNCHRONIZE LDAP USER ID WITH USER MAIL ATTRIBUTE

Root Cause: In the Agile Application, the following attributes are hard coded: `sAMAccountName`

for ActiveDirectory, `uid` for SunONEDirectory, and `cn` for OracleInternetDirectory because the Agile User ID doesn't have the capability for customers to configure it to the attribute they have chosen.

Resolution: Added this capability by allowing customer to configure the LDAP attribute as the Agile User ID. Be cautious about using this configuration change. Only the attribute that is unique and searchable in the search path in the LDAP server can be mapped to the Agile User ID.

9302_06

SR 3-1912954011

Bug ID 9890205: AGILE PLM DOES NOT CONSIDER RESERVED CHARACTERS WHEN PROCESSING URL-BASED PROCESS EXTENSIONS (PX)

Root Cause: The scripts contained in the HREF attribute of the A tag are decoded by browsers prior to executing – so some reserved characters are not handled as expected.

Resolution: Moved PX scripts from HREF to the ONCLICK attribute of the A tag.

9302_07

SR 3-1982286431

Bug ID 10012844: ALL REQUIRED FIELDS ARE DELETED IF THERE IS AN ERROR DURING OBJECT CREATION.

Root Cause: When creating new objects and an error appears, we use a default value instead of the requested value. Since the default value is null, all fields will be deleted.

Resolution: Use the requested value instead of the default value when there's an error during the creation of a new object.

9302_09

SR 3-2985452051

Bug ID 9323822: PROPAGATION OF SUBCLASS THROWING DUPLICATE NAME ERROR.

Root Cause: A failure mode list should not be imported when the subclass on which it depends on does not exist in the target instance.

Resolution: Checked the target instance in the subclass that a failure mode depends on.

Bug ID 10018629: PROPAGATION OF SUBCLASS IS THROWING ERROR FOR USER INTERFACE TAB.

Root Cause: User interface tab not found in the target list of the User Interface tabs. User Interface tabs cannot be created.

Resolution: To minimize the negative impact of the data design, Page Two and Page Three can be matched by their Tab Index.

Bug ID 10018666, 10021782: CASCADE LIST EXPORT AND IMPORT IS THROWING ERROR.

Root Cause: Invalid API Name. Allowed characters are: a-z, A-Z, 0-9, _(underscore) (MSGID = 20237).

Resolution: Configured an explicit, valid API name for the special criteria when creating the criteria. Searches are done for the criteria by the API name instead of its name.

9302_10

SR 3-1856022021

Bug ID: 9843162 RETURN ERROR OF EVENT SCRIPT PROCESS EXTENSION (PX) IS NOT DISPLAYED FOR "PRE" ACTION EVENT.

Root Cause: The system does not handle exceptions thrown by the PX.

Resolution: Added related code to handle the exception thrown by the PX.

9302_11

SR 3-1917337241

Bug ID 9964545: REDLINE FUNCTION IS NOT WORKING FOR SOME CHANGE CONTROLLED ATTRIBUTES.

Root Cause: The code treats a blank and no as the same. It returns a value that does not change and the old value will be kept. When getting a redline value for a list, it uses a redundant check and gets a number.

Resolution: Treat a "blank" and a No as different and remove the redundant check for a list.

9302_12

SR 3-1968910531

Bug ID 10061370 : SCHEDULED EVENT COUNT IN THE MONITOR TAB IS INCORRECTLY REPORTED.

Root Cause: The `ThreadLocal` in the `ThreadContext` class was changed from `ThreadLocal()` to `InheritableThreadLocal`. This caused the `ThreadLocal` variable to be shared between the parent thread and the child thread.

Resolution: Calling the `ThreadContext.createNewContext()` when each event task is executed. This way each thread will create its own thread context to avoid sharing the thread context across threads.

9302_13

SR 3-2015135101 and 3-1946171731

Bug ID 10012844: ALL REQUIRED FIELDS ARE DELETED IF THERE IS AN ERROR DURING OBJECT CREATION.

Root Cause: When creating new objects and an error appears, we use a default value instead of the requested value. Since the default value is null, all fields will be deleted.

Resolution: Use the requested value instead of the default value when there's an error during the creation of a new object.

9302_14

SR 3-1871079301

Bug ID 9792917: IMPORT ATTRIBUTE CHANGES AS REDLINES ONLY WORK ACCORDING TO THE SMARTRULE "WorkflowMatchingCriteriaAttributeModification" WHEN SET TO "ALLOW".

Root Cause: While checking multiple Lifecycle Phase list in criteria, the system does not load the right value of blank.

Resolution: While checking multiple Lifecycle Phase list in criteria, make sure the system loads the right value of blank.

9302_15

SR 3-2011680651

Bug ID 10028863: THE SEARCH FOR A CHINESE NAME WILL BE CHANGED TO INVALID CHARACTERS OR BLANK WHEN SAVING THE MODIFIED SEARCH.

Root Cause: The Chinese characters in a URL are not encoded, so the characters are transferred to unknown code when saving a search.

Resolution: Encode the query name.

9302_16

SR 3-2053410891

Bug ID 10075998: THE USER SESSION IS NOT GETTING REFRESHED WHEN ADDING MORE THAN 20 ITEMS AT ONE TIME ON THE AI TAB.

Root Cause: When adding more than 20 rows by type-in, a refresh of the grid occurs, which clears the table. So if there are warnings and the user selects to continue, then the table info cannot be found and the Web Client hangs.

Resolution: Do not force a refresh of the grid even if the user adds more than 20 rows by type-in.

9302_17

SR 3-1303720661

Bug ID 9336833: POOR PERFORMANCE FOR THE BOM WHEN DISPLAYING ITEMS.

Root Cause: When scrolling pages in the BOM table, it calls the server to load data.

Resolution: Called the server to load data the first time. When scrolling pages, it uses the Web Client cache instead of calling the server.

9302_18

SR 3-2037920621

Bug ID 10049118: POOR PERFORMANCE FOR AFFECTED ITEMS OF CHANGE, ESPECIALLY REMOVE AFFECTED ITEMS.

Root Cause: When adding or removing an item from a change, the action will invalidate all substance information in the database.

Resolution: Only invalidate the substances related to the item that is removed or added.

9302_19

SR 3-1710850421

Bug ID 10120963: UNABLE TO UPDATE THE SUPPLIER OBJECT

Root Cause: Web Supplier attribute may not be available at the time of the Supplier Cover Page edit, and its value may be null.

Resolution: Add a null check for Web Supplier attribute along with check for the Web Supplier.

9302_22

SR 3-2100606601

Bug ID 9323822: PROPAGATION OF SUBCLASS THROWING A DUPLICATE NAME ERROR.

Root Cause: A failure mode list should not be imported when the subclass on which it depends on does not exist in the target instance.

Resolution: Checked the target instance in the subclass that the failure mode depends on.

Bug ID 10018629: PROPAGATION OF SUBCLASS IS THROWING AN ERROR FOR THE USER INTERFACE TAB.

Root Cause: The User Interface tab is not found in the target list of the User Interface tabs. User Interface tabs cannot be created.

Resolution: To minimize the negative impact of the data design, Page Two and Page Three can be matched by their Tab Index.

Bug ID 10018666, 10021782: CASCADE LIST EXPORT AND IMPORT IS THROWING AN ERROR.

Root Cause: Invalid API Name. Allowed characters are: a-z, A-Z, 0-9, _(underscore) (MSGID = 20237).

Resolution: Configured an explicit, valid API name for the special criteria when creating the criteria. Searches are done for the criteria by the API name instead of the criteria name.

Bug ID 10116793: ACP IS UNABLE TO RESOLVE THE OBJECT NAMED \$USERGROUP.

Root Cause: Wildcards (\$XXXX) are not handled correctly.

Resolution: Added code to handle wildcards in criteria.

9302_23

SR 3-2091577831; 3-2115751401

Bug ID 10148071: THERE IS A CROSS SITE SCRIPTING VULNERABILITY DUE TO J_USERNAME PARAMETER NOT ESCAPED.

Root Cause: The requested parameter "j_username" in the Login Page URL is not escaped.

Resolution: Coded the j_username in the `login-cms.jsp` file.

9302_24

SR 3-1924073991

Bug ID 10204351: STATUSES ARE DISAPPEARING FROM THE TABLE PERSONALIZE VIEW FILTER SELECTION LIST AND EVENTUALLY DOES NOT RETURN ANY STATUS.

Root Cause: Statues other than the \$CURRENTSTATUS status are removed from the Table Personalize View Filter selection list of the Item and Price objects.

Resolution: Only removed the \$CURRENTSTATUS status from the Table Personalize View Filter selection list for the Item and Price objects.

9302_25

SR (N/A)

Bug ID 10204417: AGILE IMPORT ABORTING ON SMART RULE WARNINGS

Root Cause: Import code does not set the warning bitset to True when setting the SmartRule violations for the warning during redlining of the BOM.

Resolution: When the import preferences is set to accept the warning of the SmartRule violation, it sets the import options ADDLIFECYCLEXITEMSONBOMS (that is, "Add LifeCycle X Items on BOMs") warning bitset to True.

9302_26

SR 3-2139334731

Bug ID 10178398: REDLINED NUMERIC ATTRIBUTES SHOW DECIMALS EVEN WHEN CONFIGURED AS ZERO DECIMALS.

Root Cause: In the UI Part, the Function `postCreateValueObjectForViewMode` of the `RedLineTitleBlockTableModel.java` does not tackle the numeric fields with scale setting. On the export side, scale controlling should be handled before taking the value from the DB.

Resolution: Implemented scale controlling for UI and export.

9302_28

SR 3-1588867341

Bug ID 10240366: MULTIPLE SUBSCRIPTION NOTIFICATIONS SENT.

Root Cause: The Affected Items (AI) tab of the Change object records all items of its sites. If there are multiple sites, then the subscription API is called multiple times and multiple subscription notifications are generated.

Resolution: Determine if the AI object has called the subscription API. If it already has, then it will not call it again.

9302_29

SR 3-1506958321

Bug ID 10209265: THE WEBLOGIC SERVER USES TOO MUCH OF THE CPU RESOURCE.

Root Cause: The Hashmap is not thread safe. If `QueryPaletteDataModel` is shared by multiple threads, then the `synchronizedMap` needs to be changed.

Resolution: Changed `HashMap` to `synchronizedMap`.

9302_30

SR 3-2177190451

Bug ID 10174687: CRITERIA USING \$USERGROUP DOES NOT WORK WITH OID USERS/USER GROUPS.

Root Cause: Design omission: not taking LDAP user groups into account while retrieving User's user group. This is a general LDAP user group issue.

Resolution: Retrieving user group information from LDAP server if LDAP user group is enabled and User is a LDAP user.

9302_31

SR 3-2081324581, 18809709

Bug ID 10162823: SSO ISSUE - USER CONNECTS TO AGILE BUT IS LOGGED IN AS SOMEONE ELSE.

Root Cause: The URL contains `?;jsessionid=?` when constructing it.

Resolution: Remove `?;jsessionid=?` from URL.

9302_32

SR 3-1958694141

Bug ID 10236698: IMPORTING AFFECTED ITEMS IS SHOWING SOME ITEMS AS BEING REDLINED WHEN NO REDLINE.

Root Cause: The elements in MultiList are not in sequence. Import compares MultiList only based on string value. For example, MultiList A and B has two elements, "CA3" and "KTC". They should be the same, but their string value may be different, A ("CA3;KTC") and B ("KTC;CA3").

Resolution: Compare the MultiList based on each element – not the string value.

9302_33

SR 3-2304410511

Bug ID 10250313: UNABLE TO CREATE A MANUFACTURER PART WHEN THE MANUFACTURER NAME CONTAINS A SEMICOLON (;)

Root Cause: It uses a semi-colon as the delimiter to resolve values into pills in the list. If the list value includes a semicolon, it will get the wrong value when parsing the value.

Resolution: Special handling when the value includes a semicolon in a single list. The list value has the format `Name=ID;Name1=ID1`. So first we parse the value using the semicolon, then if we find that the value does not contain "=", we will know the name contains a semicolon and it sets the semicolon in the name.

9302_34

SR 3-2154706991

Bug ID 10163508: UNABLE TO CREATE A NEW BOM ITEM ON WEB CLIENT WHEN ADDLIFECYCLEPHASEONBOM RULE IS SET TO WARNING.

Root Cause: The Function `addHtmlElementForAttributeInEditMode` in `TitleBlockTableModel` does not replace the value with the request value in such condition.

Resolution: Modify the Function `addHtmlElementForAttributeInEditMode` to retain the request value in such condition.

9302_35

SR (N/A)

Bug ID 10276395: THE PROPERTY ENV-VALUE.0 IN THE SERVER API PROPERTIES FILE GETS UPDATED IN WLTHINT3C

Root Cause: SDK checks the server environment by checking if the related server special class exists. It will first check if it is WebLogic, and if not, it will check if it is an OAS environment. In this case, since `wlthint3client.jar` is put in the OAS application library, it will be treated as a WebLogic environment because the related file is contained in `wlthint3client.jar`.

Resolution: Check the server type in the `agile.properties` file.

9302_36

SR 3-2093168391; 3-1795336291

Bug ID 10145908: FILL DOWN FUNCTION INCORRECTLY GRAYED OUT FOR CERTAIN ROLES.

Root Cause: The usability for the Action Fill up and Fill down depends on the ability of the Check Add/Remove actions.

Resolution: Only allow the usability for `isTableWritable` actions--not for `isTableReadOnly` and `isTableWritable` for the function of `handleTableActions` of `Class ObjectViewhandler.java`.

9302_37

SR 3-2034757591

Bug ID 10092694: FULL TEXT SEARCH (FTS) OF AN ATTACHMENT DOESN'T WORK FOR SOME JAPANESE WORDS.

Root Cause: This issue only happens when a schema is using the Japanese DB installation after the Agile 9.3 release. The FTS lexer is `JAPANESE_VGRAM_LEXER`. In Agile 9.3, we automatically append a wild card after text query words in the Web Client, it cause this issue in multiple-byte language FTS queries.

Resolution: We remove the wild card if the query words are multiple-byte characters and this solution would not break old functions.

9302_39

SR 3-2203202551

Bug ID 10256657: TYPE-AHEAD FEATURE CAUSES INCORRECT PART NUMBERS TO BE ADDED TO CHANGE OBJECTS.

Root Cause: The Type-ahead feature causes incorrect part numbers to be added to change objects.

Resolution: Disable the Type-ahead feature of the Add By Type-in.

9302_40

SR 3-2383240131

Bug ID 10353060: SOME PARTS DO NOT GET REDLINED IN 9.3.0.0.

Root Cause: If the list value includes a single quote mark, when calling the `eval()` function, the corresponding function cannot be correctly executed.

Resolution: Replaced the single quote mark with `'`

9302_41

SR 3-2055753321

Bug ID 10110485: THE WHERE USED REPORT IS PRODUCING ERRORS

Root Cause: There is no item_group column in the item_p2p3_query view, but this column exists in the report default layout.

Resolution: Added this column to the item_p2p3_query view.

9302_44

SR 3-1916742531

Bug ID 9978315: AUTOVUE 20.0 REQUIRES AUTHENTICATION BEFORE THE VIEWER IS LAUNCHED ON THE WEBLOGIC APPLICATION SERVER

Root Cause: JavaClient fails to log in server when trying to view files.

Resolution: Fixed the login problem so that the authenticated JSESSIONID is retrieved from the application server for later Web requests.

9302_45

SR 3-2066655861

Bug ID 10145991: BOM EXPLOSION REPORT DATE AS OF SHOULD DEFAULT TO \$TODAY.

Root Cause: For any item which is added to a BOM Explosion Report, if it has a rev, use the release date as Date As Of. Otherwise, use \$TODAY.

Resolution: For the latest revision, use \$TODAY as Date As Of.

9302_46

SR 3-2468572601

Bug ID 9464947: CANNOT DISPLAY BOM'S CHINESE CHARACTERS IN AN EXPANDED DISPLAY WINDOW.

Root Cause: It does not set encoding for the page BOM Expanded Display.

Resolution: Set encoding for the page.

9302_47

SR 3-2324448470

Bug ID 10421385: ERROR RUNNING BOM EXPLOSION REPORT OCCURS WHEN THE ECO INCLUDES AN ASSEMBLY AND ONE OR MORE OF ITS COMPONENTS.

Root Cause: When an ECO includes an assembly and some of the assembly's BOM components, the server fetching the lifecycle for the component will get a null value and throw a nullPointer

Exception.

Resolution: Used a different way to get the lifecycle information for the component.

9302_48

SR 3-2272018241

Bug ID 10275040: REMOVING REDLINES ON MULTIPLE AFFECTED ITEMS SKIPS MANY BOM CHILDREN.

Root Cause: Issue 1: the redline removes the BOM--it only caches the table data for selections according to their table definition. Since all redline tables have the same definition, it will save table data that is loaded first. When performing a redline for a table that is not loaded first, it will generate this issue. Issue 2: undo redline : when building a BOM row, some special rows are null--the null rows break the undo redline function.

Resolution: *Issue 1: Redline Removing BOM* – special-handle redline table. When loading a table, it will set the newly-loaded data for the selection. *Issue 2: Undo Redline* – when encountering the special row that is null, it is ignored and continues to perform the redline.

9302_49

SR 3-2531853371

Bug ID 10418704: TRANSFERRED MANUFACTURER CHANGE ORDER (MCO) CONTAINS STRANGE DATA IN THE BOM OUTPUT

Root Cause: The previous function was to find if a MCO had a previous version based on the order list of Change History, this was not ordered. This error occurs when processing the non-first MCO as the first one due to this incorrect function.

Resolution: Modified this function to determine if the MCO has a previous version based on the release date of the Change History.

9302_50

SR 3-2468668351

Bug ID 10402908: NO OPTION TO CONFIGURE ACS ON A SINGLE NODE IN THE AGILE CLUSTER.

Root Cause: The "WLS clustering managed server" overrides the application property file during every restart.

Resolution: Added parameters to the managed server startup script to override the values in the property file.

9302_51

SR 3-2546633741

Bug ID 10418717: NOT ABLE TO ADD SUPPLIER TO PART'S SUPPLIER

Root Cause: Supplier resolution does not work for numeric numbers and Suppliers whose number field has been modified.

Resolution: Used the Supplier ID directly instead of resolving the Supplier number while adding it to the Item's tab. Updated the cached number-based map when a Supplier's number is modified.

9302_52

SR 3-2087204501

Bug ID 10114597: FAILED TO IMPORT ITEM DATA DUE TO AN INPUT STRING ERROR.

Root Cause: Locale is sometimes null in the customer's cluster environment.

Resolution: Set a default locale when the locale is null.

9302_54

SR 3-1312537241

Bug ID 9290965: WORKFLOW CONFIGURATION REPORT MISSING OBSERVERS.

Root Cause: The value of observers was missing.

Resolution: Added the observer's value to the report.

9302_55

SR 3-2566051683

Bug ID 10406256: RETURN ERROR FOR THE EVENT SCRIPT PX IS NOT DISPLAYED WHEN UPLOADING A FILE TO AN ATTACHMENT.

Root Cause: The error message is not handled properly in the Web Client for the standard upload mode. In the Java upload, the error message is not passed to the file upload applet.

Resolution: Fixed the Web Client to display an error message and pass the error message to the file upload applet for display.

9302_56

SR (N/A)

Bug ID 11663669: COPY/PASTE TO MICROSOFT EXCEL OVERWRITES AT THE THIRD COLUMN CELLS.

Root Cause: The bug is caused by the invalid HTML format of `MainFrames.jsp`, in which the following tags are written between the HEAD tag and the BODY tag: `<%@include file="includes/AttachmentVariablesInclude.inc"%>` and `<%@ include file="includes/GridDefaults.inc"%>`

Resolution: 1. Put the following code inside the HTML head tag: `<%@include file="includes/AttachmentVariablesInclude.inc"%>`

2. Put the following code inside the HTML body tag: `<%@ include`

```
file="includes/GridDefaults.inc"%>
```

9302_57

SR 3-2567603751; 3-2908528882

Bug ID 10411515: THE SAVED SEARCHES CRITERIA \$TODAY SHOWS NULL INSTEAD OF THE CORRECT VALUE.

Root Cause: \$TODAY can't converted to the correct value.

Resolution: Added a date check function for the \$today's validation.

Bug ID: 11720647 WHEN ADDING THE AI.ITEM CATEGORY IN [PARTS]PWB TO A SEARCH CRITERIA, THE RESULTS ARE EMPTY.

Root Cause: The attribute ID is too long to be recognized.

Resolution: The attribute ID was considered as an int type in the Web Client, it will be truncated if the ID value is larger than the maximum number for the int. So now we treat the id as a string type to avoid this issue.

9302_59

SR 3-2035882711

Bug ID 11774901: 93DB UPGRADE ISSUE - DASHBOARD SEARCH WARNING.

Root Cause: A popup warning message occurs when setting a query while configuring the dashboard and it won't save the query. So after a user selects continue and clicks finish, the query will be lost.

Resolution: After the user selects continue and clicks finish, a flag is set to tell the system that the query is modified, so it will try to save the query.

9302_60

SR 3-1339427681

Bug ID 9305189: PROBLEM WITH FORMATTING ADVANCED SEARCH RESULTS.

Root Cause: Function key press information is missed when handling list selection.

Resolution: Event context is passed to the selection handler so that the function keys Ctrl and Shift are dealt with in the correct way.

9302_61

SR 3-1705427101

Bug ID 11680461: TAKES TOO LONG TO SET A VALUE TO A CASCADE LIST.

Root Cause: Each cell `.setValue(list)` in the SDK client makes several multiple server calls to retrieve AdminLists for validation of an entry value and a setting list. The Server AdminList is not retained until a current single cell is processed and that causes a performance issue--particularly

when list sizes are bigger (such as 1000 entries).

Resolution: Identified that `getAvailableValues()` and `getAdminList()` methods access the server from different points and construct `CascadeList` objects in the SDK client after retrieving AdminLists. To improve performance, a new `ListCachMgr` object is created to cache those retrieved lists and both `getAvailableValues()` and `getAdminList()` methods check the availability of the list in cache before they go to the server. This approach increases performance.

9302_62

SR 3-2712878921

Bug ID 11658480: REFERENCE DESIGNATORS (Ref Des) DISAPPEAR.

Root Cause: Failure to insert the Ref Des data when copying from another BOM row.

Resolution: Inserted the Ref Des data when pasting data.

9302_63

SR 3-2793799591

Bug ID 11662767: TYPE AHEAD ADDS WRONG PART TO ECO/MCO.

Root Cause: The Type-ahead feature causes incorrect part numbers to be added to change objects.

Resolution: Disable the Type-ahead feature of the Add By Type-in.

9302_65

SR 3-2789494901

Bug ID 11702780: NOTIFICATIONS FROM A DEVIATION OBJECT ARE MISTAKENLY SENT OUT TO UNINTENDED USERS.

Root Cause: The old design judges the `ChangeAnalysts` field of the change object cover page. If it is not set, it will send the notification to all `ChangeAnalysts` group users.

Resolution: If the `ChangeAnalyst` field is not set, it will not send the notification to all `ChangeAnalysts` group users.

9302_66

SR 3-2985452051

Bug ID 11874152: ACP FLEX FIELD PROPAGATION FAILS.

Root Cause: Used a wrong function to get the attribute's name.

Resolution: Switched to the correct function.

9302_67

SR 3-3192867711

Bug ID 11887611: AN ERROR OCCURS WHEN ADDING A FILE USING THE ADVANCD FILE UPLOADER SETTING AND JRE 1.6.0.24 ON THE CLIENT MACHINE.

Root Cause: The file uploader is not compatible with JRE1.6.0 Update 24.

Resolution: Changed the incompatible code. Changed file list:

`apcm\src\com\agile\ui\fileupload\transfer\client\core\WebConnector.java`

9302_68

SR (N/A)

Bug ID 11843910: CANNOT DELETE FILE ASSOCIATION, JAVA CLIENT HANGS WITH CLICK ON SAVE.

Root Cause: When sorting file association, Java Client should handle the displayed format with the new list (remove the selected to delete), not the original one; it will throw exception and also some bad metadata.

Resolution: Fix the Java Client code and also some metadata.

9302_69

SR 3-2245913061

Bug ID 11892774: THE PX DOES NOT GET PRIVILEGES OF ROLE ASSIGNED.

Root Cause: A resolution for another issue in 9.3.0.2 was the root cause. ThreadLocal in ThreadContext class has been changed from ThreadLocal to InheritableThreadLocal. This caused the ThreadLocal variable to be shared across parent and children threads.

Resolution: Remove the code for the resolution to the other issue.

9302_70

SR (N/A)

Bug ID 11878212: QUICK SEARCH IS RUNNING SLOW WHEN USING WILDCARD CHARACTERS.

Root Cause: Quick Search SQL performs a bad execute plan and slows down the performance.

Resolution: Added hint ALL_ROWS into Quick Search SQL to change the execute plan.

9302_71

SR 3-3087262111

Bug ID 11892466: DEADLOCK ISSUE WHEN ENGINEERING COLLABORATION IS LOOKING FOR THE RELATIONSHIP TABLE OF DESIGN.

Root Cause: Deadlock happens when `getVersionInfo` in Attachment class been called.

Resolution: Get the version information directly from the database instead of the cache.

9302_72

SR (N/A)

Bug ID 12317091: ADVANCE SEARCH IS NOT WORKING FOR PRODUCT SERVICE REQUEST

Root Cause: The metadata for a multiple list attribute is not accurate enough, it causes the advance search to not work.

Resolution: Updated the metadata information for multiple list attributes in the database.

9302_73

SR 3-2818618111

Bug ID 12338284: CANNOT REFRESH USER FROM LDAP TO AGILE.

Root Cause: The predefined transaction timeout for the LDAP synchronization task (2 hours) is not long enough for those case that have more than 300,000 LDAP users being modified since the last update.

Resolution: Provided a solution to allow this transaction timeout for LDAP sync. task being configurable in the Agile configuration property file (`agile.properties`). A parameter `"ldap.mtask.trans.timeout"` can be defined after installation if a longer time is required. By default, 2 hours (7200 minutes) is used if this parameter is not defined in `agile.properties`.

9302_74

SR - 3-2570847051

Bug ID 12335506: REPORT FAILS USING A PWB OBJECT SEARCH WITH \$TODAY IN IT.

Root Cause: When assigned a usergroup with a current login user, it occasionally loses the usercontext information on a cluster environment--so a `NullPointerException` occurs.

Resolution: Avoid a `NullPointerException`. If the usercontext information is lost, a new `IDName` value with no usergroup assigned is attempted.

9302_75

SR 3-2570847051

Bug ID 11934322: SEARCH CRITERIA IS NOT LOADED FROM THE LAST SEARCH CORRECTLY.

Root Cause: The position of prompt value couldn't be remembered in search criteria.

Resolution: Store query bean info in session.

Resolved Issues

This chapter includes the following:

- Agile Installer and Upgrade 31
- Common Services 31

This chapter lists issues that were resolved during this release.

For each resolved issue:

- On the first line, the number is the internal Defect number.
- On the second line, numbers in **bold** (for example, **3-123456789**) are Customer Support ID numbers from customer-reported issues. If there is not a number in the second line of an issue, its origin was not customer-reported.

Agile Installer and Upgrade

11864369

Database Install

Issue: AGILE9DATABASE.SH MAY REMOVE FILES UNDER ORACLE_HOME/DBS/

Root Cause:

Resolution: Wrap commands in 'if' so they execute only during instance create.

Verification: Run script agile9database.sh and choose option "Generate Maintenance Scripts Only"

Results: Scripts can be generated successfully. Meanwhile, during script generation, files in directory ORACLE_HOME/dbs containing instance name remains as expected.

Common Services

10080533

3-2045560261; 3-2015197271; 3-2104740611; 3-2112704101

Java Client Administrator

Issue: 9.3.0.2 AUDIT HISTORY ADMIN TAB IN JAVA CLIENT NOT VIEWABLE WITH JRE 6

Root Cause: The contained Calendar object cannot be deserialized successfully in a WebLogic Server setup.

Resolution: Change the Calendar object to its counterpart Date object.

Verification: 1. Use JRE 1.6 with update versions as 15, 17, 18, 21.

2. Log into Java Client as administrator.
3. Go to Roles, Role_PS18.
4. Open Role_PS18 & modify Description.
5. Go to Role_PS18--History tab, view history record.
6. Click Admin History icon.
7. Search the history records in Admin-History table.

Expected results: 5. User can view History on role_PS18 object in Admin--Role-History tab.

Expected results: 7. User can view History on any object in Admin-History table.

Known Issues

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This chapter contains a list of known issues for this release. These were deferred from this release, but may be fixed in a future release. Numbers in this section are for Oracle Agile internal use only.

Known Issue Disclaimer

This list of Known Issues consists of those found at the time of the initial release. The product may have additional issues found after the initial release and therefore this list is subject to change and is not always comprehensive. Oracle support will continue to track known issues of this product release found on My Oracle Support. Please check for updates at <https://support.oracle.com>.

For each known issue:

- On the first line, the number is the internal Defect number.

Product Governance and Compliance

12645625

Common Services PG&C

Issue: WLS:CAN NOT OPEN PGC COMPLIANCE ROLLUP SCHEDULING NODE ON JAVA CLIENT

Steps to Reproduce: 1. Log in to F1 server Java Client as admin user.

2. Go to Admin > System Setting > PG&C.

3. Try to open Compliance Rollup scheduling node. Note that: the node cannot be opened.

Workaround: N/A

Product Cost Management

12365084

PCO

Issue: SEARCH ON ITEM.PRICES TAB DOESN'T SHOW NON-REDLINED PRICES IN THE SEARCH RESULT.

- Steps to Reproduce:**
1. Create a price for an Item with two price lines (different Ship To's)
 2. Add the price to a PCO.
 3. Release the PCO without redlining the prices. Go to Item.Prices tab and check the prices. It shows the both the price lines
 4. Do search on Item.Price.Number Equal to " " and add all Price tab attribute.

Actual result: It shows only the price details. 2 pricelines details are missing in the search result.

Workaround: N/A

12551559

Sourcing Project

Issue: INVALID(?) MFR PART ICON IS MISSING IN THE ANALYSIS TAB WHEN WE ADD A NEW AML.

- Steps to Reproduce:**
1. Create a Sourcing project.
 2. Add an Item in Item tab.
 3. Go to Analysis tab and click on the Quick view of the Item.
 4. Expand the AML's.
 5. Check the "?" icon(Invalid mfr part icon) in the Analysis tab.

Actual result: It doesn't show the invalid mfr part icon in Analysis tab. It shows correctly in AML tab.

Workaround: The user can navigate to AML tab to see the "?" icon for the newly added AML

12585779

PCM Import/Export

Issue: INVALID MFR PART ICON IS MISSING IN THE ANALYSIS TAB WHEN WE ADD A NEW AML.

- Steps to Reproduce:**
1. Create an assembly with AML.

2. Create Sourcing project and add the above assembly with AML.
3. Create RFQ and get response from suppliers.
4. Go to Sourcing reports from the left pane.
5. Run the Response comparison report for the above sourcing project.

Actual result: Getting error saying "ERROR: An unexpected error has occurred. Please contact your system administrator. Error Detail: null " in the report. Unable to see any data.

Workaround: N/A

12659190

PCM Import/Export

Issue: UNABLE TO SEARCH AND ADD MFR PARTS IN UNIT COST COMPARISON REPORT.

Steps to Reproduce: 1. Create an Item with Mfr Part.

2. Create Sourcing project with date periods.
3. Create RFQ and get response from suppliers.
4. Publish the prices to Item master.
5. Go to the Left pane->Sourcing Reports->Unit Cost Comparison Report
6. Select Default Layout for Item Master.
7. Try to search the above Mfr Part.

Actual result: The user is not able to search Mfr Parts. Even Custom search option have only Parts to search.

Workaround: N/A

Product Portfolio Management

12654819

Content Management

Issue: SUCCESSOR'S START DATE IS NOT FOLLOWING TO THE PREDECESSOR AFTER MSP PUBLISH.

Steps to Reproduce: 1. In Web Client, create a Program with following structure:

- Program1
 - Phase1
 - Task1

--Phase2

--Phase3

--Phase4

2. Create FS Dependency between Task1 & Phase2.
3. Launch MSP in Edit Mode and click Publish to PPM.
4. Now open Task1 and change the Start Date to another date.
5. Check Phase2's Start Date. It is not updated to be started after Task 1's Start Date.
6. Launch MSP in Edit Mode again and try to edit Task 1's Start Date.

Actual result: Can't be updated to a date prior to its current start date.

Workaround: N/A

Common Services

12606428

Standard Reports

Issue: CERTAIN DIGITAL DATA SHOW INCORRECT WITH EXCEL FORMAT.

Steps to Reproduce: 1. Log in to Java Client as admin.

2. Go to Admin->Server Settings->Preferences, set 'Enable BI Publisher for Reports' to Yes.

3. Log in to Web Client as admin.

4. Run BOM Explosion Report with below settings:

>> Step1: Layout: DEFAULT LAYOUT; Output Format: EXCEL, click Next button.

>> Step2: Add 1000-02 as item, click Next button.

>> Step2: Leave as default, click Finish button.

5. Open report result, and check the result.

Issue: Certain data, start with digit more than 1 and with dash character(-) in the number, show incorrect in the Excel file.

Additional Information: 1. Data show correctly with other formats such as PDF, WORD, and HTML.

2. This problem also exists in 9.3.1.1 and 9.3.0.2.

3. This problem exists when opening with Office 2003 and 2007.

Workaround: Using other format such as PDF, WORD, HTML, and Standard.

AVerify

12667432

DB Schema Verify

Issue: AGIL-00025024 REPORTED IN AVERIFY REPORT POST UPGRADE TO 9303.

Steps to Reproduce: 1. Upgrade setup DB to 9303 using AUT1.7.2.

2. Check the averify logs post upgrade. Found that in 9303's averify report, will get below error:

AGIL-00025024 : E : PROPERTYTABLE : table has bad data at id = 3345756 (Dangling node table reference at parent ID 2000009644.)

As expected, the upgrade should not cause new data error.

Workaround: N/A

Administration

12681537

Administration/Configuration

Issue: NOT ABLE TO LOG IN TO WEB CLIENT IF ONLINE HELP MANUALS URL IS NULL.

Steps to Reproduce: 1. Open Java Client > Admin > Server Settings > Locations, ensure there is no setting (value) in 'Online Help Manuals URL' field. Save.

2. Attempt to log in to Web Client, you will receive error "The session has been terminated, please log in again."

Workaround: Return to Administrator 'Online Help Manuals URL' setting and enter a correct URL in this field. After saving, you can successfully log in to Web Client.

12775046

Users/User Administration

Issue: EDITING ESCALATIONS IS NOT AVAILABLE IN 9.3.x

Steps to Reproduce: 1. Log in to Administrator.

2. Search and open a User.

3. Click Escalation tab.

4. Add a User.

5. Should be able to edit the user you just added.

Workaround: You have to delete and re-create an Escalation assignment in order to modify the assigned escalation.

Integration: SDK, AIS, Import, FileLoad, ChangeCAST

12560525

Import

Issue: ITEM GROUP CANNOT BE MAPPED FROM PAGE1 OF ITEM AND MANUFACTURE PART FOR IMPORT

Steps to Reproduce: 1. Log in to Java Client, enable subclass Item Group.

2. Set Visible = Yes for Item Group attribute on Title Block tab of Parts.

3. Prepare source file with values for item group to import into Title Block tab of Part object.

4. Go to Import wizard step 4: Specify Attribute Mapping. Expand the Agile fields on right pane.

Actual Results: There is no 'Agile Fields' for 'Item Group' listed in right pane to map with left pane 'Import Fields' in source file, so no way to import 'Item Group' value from source file. This is an old issue that can be reproduced on releases such as 9.3.0.3 and 9.3.1.1.

Expected Results: Should have 'Item Group' field listed in Agile fields to map with source file.

Workaround: N/A