

**Oracle® Utilities Work and Asset
Management**

Release Notes

Release 1.9.1.2.5

July 2015

Oracle® Utilities Work and Asset Management Release Notes for Release 1.9.1.2.5,
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Preface

This document contains release notes describing enhancements and repairs to this release of Oracle Utilities Work & Asset Management. Items are sorted by subsystem and module, then by Bug DB number.

Audience

These release notes are intended for anyone installing or using Oracle Utilities Work and Asset Management Release 1.9.1.2.5.

Related Documents

For more information on this release, refer to the following related documentation. Please ensure that you are using the appropriate guide based on whether you are installing on Windows or Linux Application Server.

User Documentation

- *Oracle Utilities Work and Asset Management Configuration Guide for Release 1.9.1.2.5*
- *Oracle Utilities Work and Asset Management Online Help for Release 1.9.1.2.5*
- *Oracle Utilities Work and Asset Management User Guide for Release 1.9.1.2.5*
- *Oracle Utilities Work and Asset Management Customization Guide for Release 1.9.1.2.5*

Installation Documentation

About the Release

- *Oracle Utilities Work and Asset Management Quick Install Guide for Release 1.9.1.2.5*
- *Oracle Utilities Work and Asset Management Release Notes Guide for Release 1.9.1.2.5*

New Installations

- *Oracle Utilities Work and Asset Management Installation Guide for Release 1.9.1.2 on Linux OS Application Server*
New installation on WebLogic / Linux OS
- *Oracle Utilities Work and Asset Management Installation Guide for Release 1.9.1.2 on Windows OS Application Server*
New installation on WebLogic / Windows OS

Supporting Docs

- Oracle WebLogic Server Product Documentation:
<http://www.oracle.com/technetwork/middleware/weblogic/documentation/index.html>
- *Oracle Fusion Middleware Patching Guide for Oracle Forms and Reports 11g Release 2 (11.1.2)*
(Part Number E36789-04)
http://docs.oracle.com/cd/E48391_01/doc.11120/e36789/opatch.htm
- *6.5 Installation on Operating Systems Not Certified at the Time of Product Release*
http://docs.oracle.com/html/E18558_01/fusion_requirements.htm#BABCEFEA

Knowledge Base Articles

Please access <https://support.oracle.com> to find related knowledge base articles.

- Support for Add-ons: Article ID 1336258.1
- Changing the Default Download Directory For Forms WebUtil Client Files: Article ID 783937.1

Conventions

The following text conventions are used in this document:

| Convention | Meaning |
|---------------|--|
| <i>italic</i> | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values. |
| monospace | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

Supported Platforms and Hardware Requirements

This section provides information regarding the operating systems and servers on which this release has been tested and certified.

Supported Platforms

The installation has been certified to operate on many operating system, application server, and database server combinations. See below for details on the browser, operating system and application server combinations on which this release has been tested and certified. If you are consulting this matrix in between releases (including service pack and patch releases), you should contact customer support for the most up to date version.

| Operating System | Chipset | Application Server | Database Server | Client Operating System |
|---|-----------------|--|---|---|
| *AIX 6.1 TL4 (64-bit) *AIX 7.1 TL4 (64-bit) | Power 64-bit | Not Supported | Supported Oracle Database versions include | Windows7 x86 SP1 (64-bit and 32-bit) |
| Oracle Enterprise Linux 5.8 & 6.5 (64-bit) Red Hat Enterprise Linux 5.8 & 6.5 (64-bit) | x86_64 | Weblogic Server 10.3.6 Forms 11g 11.1.2.2 | 11.2.0.3 Standard or Enterprise Edition and | Oracle Enterprise Linux 6.5 (64-bit) |
| *Solaris 11 (64-bit) | SPARC | Not Supported | Oracle Database 12c Standard or Enterprise Edition | |
| HP Itanium HPiA 11.31 | x86_64 | Not Supported | 12.1.0.1.0 - 64bit Production | |
| Windows 2008 Server Enterprise Edition R2 (64-bit) | x86_64 | Weblogic Server 10.3.6 Forms 11g 11.1.2.2 | | |

Client Operating System Specific

Browsers

- Internet Explorer 11 (32-bit) - not supported on Linux client
- Internet Explorer 9.x (32-bit) - not supported on Linux client
- Mozilla Firefox ESR 31 (32-bit)

Java

- Java Runtime Environment (JRE) / Java Virtual Machine (JVM) Plug-in for Browser
This list reflects the highest supported versions. Refer to the community website for a full list.
 - v1.8.0_45-b15 (32-bit)
 - v1.7.0_80-b01(32-bit)

Application Server Specific

Java

- JDBC Driver 11.2.0.2.0 (WebLogic)

Integrations

- Barcode
 - RFGen v3.2.1.28
 - Loftware 9.5
- GIS - ESRI ArcGIS 10.2
- GIS - Oracle MapViewer 10.1.3.4
- Microsoft Project 2007
- Oracle Business Intelligence Publisher 11g Release 1 (11.1.1.7.0)
- Oracle Business Intelligence v2.4.0
- Oracle Integration Pack for Oracle Utilities Field Work v3.1
- Oracle Integration Pack for Oracle Utilities Field Work v12.1
- Primavera 8.3

VM Products

- Oracle VM 3.x

Notes

- Oracle Utilities Work and Asset Management discontinued support and releases of applications on Oracle Application Server (OAS) in release 1.9.1 due to the de-support of this platform by the Oracle Server Group as of December 2012.
- Forms Premier Support has ended as of as of June 2014. Refer to Oracle Forms/Reports 11gR1 (11.1.1.x) Premier Support Ends (Doc ID 1680259.1) on <https://support.oracle.com>.
- ESRI ArcIMS and ESRI ArcMAP are no longer supported as of release 1.9.1.2.2.
- Oracle VM may be used to create a virtual machine for either the database or application server operating system. Refer to the Oracle VM Release documentation for more information about using Oracle VM.
- Barcoding and Chart server add-on applications do not run on Linux. Please refer to knowledge base article ID 1336258.1 on <https://support.oracle.com> for more information.
- Fine Grain Access functionality requires Enterprise Edition Database Server.
- * If your database server is installed on AIX, HP or Solaris, please refer to the database support document for these servers.

- You can also refer to the Oracle Utilities Work and Asset Management community website for more information on this release and interaction with the application community.
https://communities.oracle.com/portal/server.pt/community/work_and_asset_management/527

Support for Software Patches and Upgrades

Due to the ongoing nature of software improvement, outside vendors and other Oracle products will issue patches and service packs for the operating systems, application servers and database servers on top of specific versions that Oracle Utilities Work and Asset Management has been tested with. If it is necessary to apply an upgrade, please do that in a test environment prior to updating the Oracle Utilities Work and Asset Management production environment.

Always contact Oracle support prior to applying vendor updates that do not guarantee backward compatibility.

Release Notes

These release notes contain the following sections:

- [About This Release](#)
- [Known Issues](#)
- [Integration Information](#)
- [Fixes and Enhancements](#)

About This Release

Refer to the quick install guide and upgrade guide for information regarding certifications, supported platforms and installation steps.

Please visit My Oracle Support (<http://support.oracle.com>) for the most recent service packs and/or patches for this release to ensure you have the most current version of this product.

11G Database Support

If you are upgraded to the Oracle Database 11g, a special script is required to allow email and product integration URLs to be successful as in older versions of the database (8, 9i, 10g). Follow the instructions in the *Oracle Utilities Work and Asset Management Upgrade Installation Guide* to meet this requirement.

Please refer to the Oracle 11g DBMS documentation located on support.oracle.com for more details on how to restrict unwanted URLs.

Charts Server and Thumbnails

In Release 1.9.1, functionality to support chart thumbnails was removed due to Microsoft desupport of XP Web Components. As a result, charts are still supported with the following provisions:

- Chart thumbnail generation of charts on the home page is no longer supported. This functionality was replaced with static images that represent the chart graphic. Clicking the static image launches the corresponding chart. Office Web Components (required for thumbnail generation) are no longer supported on IIS Servers since they cannot run on a 64-bit environment
- Oracle Utilities Work and Asset Management uses XP Office Web Components to display the main chart. This is available and downloaded from Microsoft.
- Users can use existing charts, and can create new charts using Office XP or Office 2003. Later versions of Office do not support these features.

Oracle Forms Patches

If there are any Oracle Forms patches that need to be applied prior to upgrading, these are indicated in the [Known Issues](#) section.

Previous Patches

If you have recently applied a patch, please review these notes carefully to verify that your patch is included in this release. In rare cases, when a patch is requested close to the release date for the next software distribution, there may not be time to include the patch content in the general release. Functionality may be impacted if you apply a release that does not include a previously deployed patch. Check with Customer Support to verify the status of a particular item.

Unwrapped Database Procedures

This release of Oracle Utilities Work and Asset Management includes database procedures that are no longer wrapped to encode the programs. This was provided to allow customers to better understand the business logic that happens within various procedures so that it is easier to integrate Oracle Utilities Work and Asset Management with other products. These procedures are provided as a reference resource only. They should not be altered as they are an important part of the Oracle Utilities Work and Asset Management Base application and changing them will cause adverse affects to the application.

Integration Information

The following integrations are supported in this version of Oracle Utilities Work and Asset Management:

Oracle Utilities Work and Asset Management Product Integrations

- **Integration with Oracle Utilities Advanced Spatial Analytics, 2.4.1**
Please refer to the documentation released with Oracle Utilities Advanced Spatial Analytics for more information.
- **Oracle Integration Pack for Oracle Utilities Field Work 3.1**
This integration can be downloaded on the Oracle Software Delivery Cloud. Select **Product Pack** “Oracle Application Integration Architecture” then select “Oracle Application Integration Architecture Release 3.1 Media Pack for Microsoft Windows”.
- **Oracle Utilities Work and Asset Management Integration to Primavera P6 Enterprise Project Portfolio Management**
This integration can be downloaded on the Oracle Software Delivery Cloud. Select **Product Pack** “Oracle Application Integration Architecture” then select “Oracle Utilities Work and Asset Management Integration to Primavera P6 Enterprise Project Portfolio Management Release V11.1.0.0.0 Media Pack”.

Desupported Integrations

The Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Work and Asset Management is no longer supported. This legacy integration was deprecated with the release of Oracle Utilities Customer Care and Billing 2.3.1 and Oracle Utilities Work and Asset Management 1.9 and was not certified with these versions.

Support continues for existing customers currently using or implementing this integration (i.e. address product defects related to this legacy integration). However the integration will not be enhanced or supported going forward therefore, we strongly discourage using this integration for new implementations. Existing customers can continue to leverage the integration patterns that were formerly delivered with the edge applications. However, please be advised that it will be necessary to maintain these as custom interfaces when upgrading to newer versions of the applications. Alternatively, customers can evaluate Oracle Integration Pack for Oracle Utilities

Field Work, as the productized solution. The Field Work integration is generally more robust, configurable, and extensible than the older integration.

Known Issues

This section describes known issues in Oracle Utilities Work and Asset Management Release 1.9.1.2.5 at the time of release. Fixes for these issues will be released as they become available.

General Issues

- 16874363 - CU UPDATES TO ACTIVE TASK WITH HEADER AT PLANNING ALLOWED
Estimated Quantity, CU Function and CU Difficulty fields can be updated when the Task is in Active status and the Work Order header status is in Planning status.
New bug: 19190790
- 17960789 - WORK REQUEST APPROVAL LOG RECORD NOT CREATED FOR PENDING APPROVAL TO WORK ORDER
The system does not log approval if the status is changed from Pending Approval to Work Order status.
New bug: 19190752
- 18309319 - ADDING TASK FAILURE SUMMARY INFORMATION THRU WIZARD, DELETES AN EXISTING CODE
Multiple failure data rows must be entered in the Work Order > Closeout Summary > Asset Failure Summary. Entering new data in the Task Progress Wizard will overwrite existing data.
New bug: 19190704

Oracle 11G Database

- 11G databases contain user profile features not related to Oracle Utilities Work and Asset Management that can still affect an Oracle Utilities Work and Asset Management user's ability to log in.

If users experience problems logging in, one possible cause is that the 11G default profile has an expiration of 180 days. Make sure that the PASSWORD_LIFE_TIME setting for the applicable database profile is consistent with Oracle Utilities Work and Asset Management password expiration settings.

Consult Oracle 11g Database documentation (available on my.oracle.support) for details.

General Browser Issues

- To support readability and accessibility compliance, style changes have been made to specify a relative size rather than a fixed font in web browsers. This allows different text elements to increase or decrease in size proportion based on generic web settings. In some versions users might see an increase in font size on some screens. To fix this issue, adjust the zoom setting:

Internet Explorer: View > Zoom (set percentage as appropriate)

Firefox: View > Zoom > Zoom Text Only then View > Zoom > Zoom In/Out (as needed)

Firefox

- Unable to launch the Entity Relationship Viewer. The viewer requires XSLT processing that Firefox is unable to perform. If the user attempts to upgrade Firefox using the recommended XML installer from Microsoft, the installer does not run.

- Right-click context menus do not function. These are the menus specific to Oracle Utilities Work and Asset Management, not standard right-click functionality.
- There is no Effects option for graphs.
- Dialog windows show a URL box which should not be visible. This was purposefully hidden in Internet Explorer.
- If you find that fonts do not appear sharp in Firefox try the following fix with Windows ClearType to improve the clarity.

<http://risingline.com/blog/smoothen-firefox-fonts-windows-xp.php>

Summary of Steps

1. Minimize all your windows and right click anywhere on your desktop.
 2. Select Properties then choose the Appearance tab then click the Effects button.
 3. Make sure the check mark is in the box next to "Use the following method to smooth edges of screen fonts:" and select ClearType. Then click OK.
- There are slight differences in font display and size as well as differences in appearance for some portions of some components. Selecting the ClearType option as described above can also help to minimize this issue.
 - The View Document action in Document module does not work for files which are stored on a shared network folder and whose storage type is 'File System'. This is due to a security restriction that prevents Firefox from loading such files. The workaround for this issue is to manually enter the file path in Firefox's address bar in order to load the file.

Internet Explorer

- When new browser windows are opened from forms, they may appear behind the current window. For example, when opening Advanced Options windows, Export Results of Search, or opening Online Help the newly opened window may not automatically appear in the forefront of the screen.
- Security features prevent charts from opening. There are 2 settings that can be changed to work around this issue. One setting is to allow the chart to run, and the second setting is to disable the warning dialogs. It is recommended that these changes are limited to trusted sites or the local intranet:
 1. In Internet Explorer select Tools > Internet Options.
 2. Select the Security tab.
 3. Click the Custom Level button.
 4. Under Miscellaneous - "Access data sources across domains" -- set to Enable instead of prompt (prompts are the warning dialogs).
 5. Under User Authentication, Logon - "Automatic logon with current user name and password" -- set to "Automatic logon with current user name and password."

Windows 7 Client

- The Webutil components do not download automatically to a Windows 7 client. This is a known issue of the Oracle Application Server team but there is no patch to push the correct DLLs. This is related to new security in Windows 7.
- On Windows 7 client machines, DLL files required to run Webutil functions may not download to the client machine. This is a known issue caused by security features in Windows 7 operating system. You can work around this issue by configuring Webutil to download the required DLL files into a directory that is not restricted. By default, the

directory will be the user's home directory, but you can choose a specific path. This configuration change will be used for all client machines accessing the OC4J instance.

Within the webutil.cfg file, make sure the following setting is available.

```
install.syslib.location.client.0
```

The default value will be the user's home directory on the client machine. On Windows 7 client machines, this is usually "\\Users\username", where "username" is the Windows 7 username currently logged in. You can determine what the user's home directory is by issuing the command "s" within the Java Plug-in Java Console and looking for the "user.home" setting.

Setting the "install.syslib.location.client.0" value to a relative path (not including the drive), will write to a directory relative to the user's home directory. For example, you can use "install.syslib.location.client.0=webutil", and this will add the DLL files to "\\Users\username\webutil".

Reference the document titled, "How To Change The Default Download Directory For Forms WebUtil Client Files" [ID 783937.1] located on <http://support.oracle.com> for instructions and additional information.

UNC, Attachments, and Java Runtime Environment 1.6.0.24 or higher

- UNC file paths are not certified or supported in Oracle Utilities Work and Asset Management.

After upgrading JRE to version 1.6.0.24 or higher, you may encounter security exceptions while viewing or printing attachments in Oracle Utilities Work and Asset Management. This error occurs because on JRE v1.6.0.24 or higher, webutils will not access UNC file path names. You can resolve the issue by updating all Document module records and Links/News that have UNC path names to reference a server file path or a URL.

Linux Client

- To ensure that mouse focus works properly on Linux client, you must modify the basewam.html file to delayTime=1000 and delayTries=5. These additional settings in the file are meant for specific environments that require further delays to allow Java and Forms to load before a Forms request is made. By default, there is minimum to no delay.
- Different desktop screen resolutions affect the Forms applet font sizes and placement of items on canvases. The recommended screen resolution on a Linux client is 1280 x 1024.
- The following features which require client-side file manipulation do not currently function on a Linux client:
 1. Viewing, Uploading, Downloading and Printing documents and attachments
 2. Using RFQ Import/Export wizard features
 3. Launching third-party applications that are not web-based applications (MS project integration, GIS non-web-based vendor integrations etc)
 4. Using Operational Data Wizard features

These features require an enhancement which will be delivered in a later release.

Report Engine

Report jobs randomly failing with error: REP-300/501.

The problem happens for reports started via forms/run_report_object or using "rwservlet" with desformat PDF, destype cache or file. After the first reports job has crashed, all following jobs of any kind return with error REP-501, so the engine cannot connect to the

database again until the reports server is restarted or engLife is accessed and the engine is restarted.

Please refer to Document ID: 1270315.1 on my.oracle.support.com for more information.

Report Builder

Reports Builder fails when attempting to run it from the Start menu. No error is displayed, only an MS-DOS window flashes quickly then nothing else happens.

Please refer to Document ID: 1509064.1 on my.oracle.support.com for more information.

Error When Opening PLL Forms After Installation

FRM-40735 and ORA-06508 errors raised when you exit from a Called Form with attached libraries.

Please refer to Document ID: 1170133.1 on my.oracle.support.com for more information.

Fixes and Enhancements

This section describes bug fixes and enhancements in Oracle Utilities Work and Asset Management Release 1.9.1.2.5 at the time of release. Please refer to the list of fixes and enhancements for complete details. You can also access the spreadsheet provided with the documentation for this release.

1.9.1.2.5 Release Notes

E Indicates an enhancement

✓ Checked items may require configuration following installation.

| <i>Bug DB#</i> | <i>Module</i> | <i>Description</i> | Prior Rel | Parent Bug# |
|---------------------|---|--|-----------|-------------|
| Resource | | | | |
| 20617811 | Asset | Fixed Asset Downtime Summary view to display complete details of downtime log from work order. Fixed the duplicate entry for downtime log created from Asset Activity Log module. | | |
| Maintenance | | | | |
| 20964551 | Work Order > Task > Construction Assets | Correct error in construction asset valuation where all assets are generated from the same Compatible Unit. | | |
| 20906376 | Work Order Wizard | ORA-06502: PL/SQL: numeric value error is no longer encountered when creating Checkout Request for 100+ Material records in Work Order Task. | | |
| 20431479 | Work Request | Fixed error to ensure Work Request attachments flagged to copy to the Work Order are copied to the newly created Task from the Work Request. | | |
| 20713776 | Work Order Benchmark Work Order | The Export action now works correctly for all export type options from the Work Order > Task > Items Worksheet and Benchmark > Task > Items Worksheet. | | |
| 20960017 | Subproject | Fixed issue with email approval notification having the wrong description when sending Projects/Subprojects with same IDs but different Plants. | | |
| 19796273 | Work Order Wizard | Fixed ORA-0001: unique constraint (SYNERGEN.PK_SA_SERVICE_HISTORY_DATA) violated. | | |
| 20930793 | Work Order Task | When updating an Approved Work Order Task to Active then immediately updating it to Finished, "FRM-40654: Record has been updated by another user" is no longer encountered, Closeout wizard is now appears correctly. | | |
| 20808862 | Work Order Task | Fixed issue when adding a new Material and the cursor is not at the bottom of the Materials List, record shown is incorrect. Now on save, cursor is redirected to the newly created record. | | |
| 17382261 | Work Order Task | Fixed mouse focus issue when form is launch from SIA Daily Scheduling. | | |
| 16239236 | Daily Schedule Fleet Work Order Work Order Task | Updated the process of opening multiple records using drilldown from the Daily Schedule to prevent the cursor from locking in the first navigatable field on the form. | | |
| 21094000 | Project / Subproject Work Design Work Order | Updated the database package sdbp_regulatory_accounting to handled overhead distribution estimates for high value Work Designs added to Work Orders associated to a Project / Subproject with regulatory account overhead distributions. | | |
| Integrations | | | | |
| 20783777 | wifp_invoice_interface | ✓ Modified the database procedure: wifp_invoice_interface to check the Business Rule: INVOICE SETUP CRITERIA option POST INVOICE to determine if sdbp_approve_invoice should be called. If the rule key is set to APPROVED then the Purchase Order line item and Storeroom Transaction log will be updated with invoice quantity and cost. A row will be added to the Account Log when sdbp_cost_invoice is run. If the rule key set to PAID then the Paid indicator on the Invoice header must be set to Yes and only when sdbp_cost_invoice is run will the PO line item, Storeroom Transaction Log and Account log will be updated. | | |

| Bug DB# | Module | Description | Prior Rel | Parent Bug# |
|------------------------------|------------------------|--|-----------|-------------|
| 20767822 | Job Manager | Added a new database procedure: sdbp_clnup_incrct_invoiced_po to be run to fix invoices created from wifp_invoice_interface which were not posted correctly and did not update the reference Purchase Order line items. To execute the procedure create a batch job as: sdbp_clnup_incrct_invoiced_po(job number,'plant'); and execute. Disable or delete the job after verifying Purchase Order have been updated correctly | | |
| System Administration | | | | |
| 20788176 | Responsibility | ✓ Re-added CREATE NEW PROCEDURE REVISION Responsibility Function. | | |
| 21093193 | User Enrollment Wizard | Fixed processing where usernames greater than 20 characters caused a forms error when assigning an Approval Title when creating a user with the User Enrollment Wizard | | |
| 21084071 | Attachment Wizard | The module ATTCHMNT (Attachment Wizard) has been added to the forms administration module and enforces required fields and default values | | |
| Inventory | | | | |
| 20931273 | Stock Checkout | When checking out Trackable Stock Items for Work Order Tasks, system now also checks for non P or F Assets on Work Order Task's Asset List. | | |
| 21282221 | Stock Checkout | Updated form validation processing to check for required fields on all checkout types. | | |
| Enterprise | | | | |
| 20891512 | Plant | When creating new Plants, User is created in new Plant with Active status instead of blank. | | |
| Customer | | | | |
| 20851647 | Customer | Fixed navigation issue causing system to return to the Header screen when using the Address List then the arrow to the Address Detail and then clicking on the CCB Service Agreements block. | | |
| Interface | | | | |
| 20078452 | Alert | Fixed 'Error: Unable to process alert. ORA-01400: cannot insert NULL into ("SYNERGEN"."SA_WORKFLOW_ITEM"."PRIMEKEY_PLANT")' caused when running WIFP_ALERT_INTERFACE with WAIF_ALERT records having a) blank MODULE and WHERE_CLAUSE; and b) populated MODULE and blank WHERE_CLAUSE | | |
| 20801142 | GIS Web Services | Re-vamped error handling on all GIS web services to work uniformly for GIS integration. | | |
| SIA | | | | |
| 20995751 | Cost and Closeout | On Cost and Closeout - Service History Detail page, when clicking an LOV with no values, nullpointer error is no longer encountered. | | |
| 20950953 | Approval Portal | Approval Document is now displayed in the Approval Portal for the 2nd approver. | | |

| Bug DB# | Module | Description | Prior Rel | Parent Bug# |
|--------------------|--|--|-----------|-------------|
| 18377219 | Cost and Closeout Scheduling - Daily Scheduling - Workweek | Fixed issue in clicking the magnifying glass icon for Work Order Task. It now launches the form with no errors. | | |
| System Wide | | | | |
| 20237217 | System Wide | Database changes to support Latin American Language option | | |
| 20471591 | SIA / Forms integration | Modified the method used to call forms from SIA to remove unsupported object error. | | |
| 20464943 | SIA / Forms integration | Modified the method used to call forms from SIA to prevent a blank forms window at relaunch of forms after forms was closed without logging out of the system. | | |
| 20556854 | SIA / Forms integration | Updated general methodology used to call forms from all areas of the SIA home. | | |
| 20410613 | System Wide | Oracle JRE version 1.7.0_80-b15 is now certified for WAM V1.9.1.2.5 | | |
| 19026614 | System Wide | Oracle JRE version 1.8.0_45 (a.k.a. JRE 8u40-b14) is now certified for WAM V1.9.1.2.5 | | |