

QAD .NET User Interface 2013 EE (3.0.0) Cumulative Patch 6 Release Notes

December 2016

These release notes include information about the changes for the QAD .NET UI 2013 EE (3.0.0) Cumulative Patch 6. You should install the most recent cumulative patch after installing the QAD .NET UI. The cumulative patch is available from the QAD Store (<http://store.qad.com>).

Review this document *before* proceeding with any phase of a QAD .NET UI implementation.

Note If you have been working with QAD Services to customize your QAD .NET UI implementation, be sure to check with QAD Services before installing any patches.

For steps on how to install the patch, see:

Patch Installation Steps 2

This cumulative patch includes the following:

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Additional QAD Enterprise Applications code changes related to the user interface are available. These changes are not included in the QAD .NET UI Cumulative Patch releases because they are not part of the QAD .NET UI. QAD Support can be contacted to retrofit these code changes to your system.

Patch Installation Steps

The patch installation process will bring down parts of the system. Users should exit QAD Enterprise Applications during the installation.

Backup Steps

On the server, locate the parent directory of the `com` directory (the parent of the `com` directory includes the `make.p` and `mkdtd` files).

From this parent directory, back up the entire `com` directory and its sub-directories and files.

Locate and back up `client-session.xml`

(`tomcat/webapps/qadhome/configurations/<environment>/client-session.xml`).

Oracle Steps

If the patch is being installed on a system where the ERP databases are Oracle databases, ensure that the following environment variables are set before running the installation:

- `ORACLE_HOME`
- `ORACLE_SID`
- `NLS_LANG=.AL32UTF8`

The following manual schema update is needed only for Oracle Databases and only if Reporting Framework Scheduled Reports or Burst Reports are being used:

- Field `rptsrp_mstr.rptsrp_name` (in database `qadadm`) needs to be lengthened to a format/width of 255.

Installation Steps

To install the patch:

- 1 Unzip the cumulative patch zip to a directory on your server.
- 2 Unzip `data.zip`.
- 3 Verify that Java 1.6 or greater is on your system and that your `PATH` and `JAVA_HOME` environment variables are pointing to it.
Note This version of Java is required only for this installer, no change needs to be made to the version of Java that the application is running.
- 4 Set the `LANG` environment variable to `en_US.UTF-8`.
Note Use `locale -a` to determine the exact name and case to use on Unix systems. It may be `en_US.utf8` or some other variant.
- 5 Run the installer: `./install.sh` (or `.\install.exe`).
- 6 You are prompted for “Environment source” — this is the QDT installation directory for your configuration.
- 7 Choose the target environment.
- 8 Confirm the values to complete the installation process.

- 9 Start a QAD .NET UI client session. Depending on system configuration settings, you may be prompted to update. Select Yes.
- 10 Restart Tomcat (or restart the QAD Desktop webapp).

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WebSpeed CGI Security Fix (UIGS-1214)

A fix to a potential WebSpeed CGI security issue has been applied.

Date and Number Formats in Character UI Reports (UIGS-1235)

Previously, when running scheduled reports from the Character UI, the format was always the default M/D/YYYY and “American” format. Now the user can select formats for scheduled reports in QView, and pass these to the Character UI program.

Timeout on Long-running Reports (UIGS-1257)

Previously, when running long-running reports of over 2,000 pages, a “Please contact your System Administrator” error message could be displayed. This issue has been fixed; the reports now run normally with no timeouts.

Admin Database Growth From Failed Reporting Framework Print Job (UIGS-1273)

Previously, if a Reporting Framework print batch job failed due to an invalid printer, the admin database could rapidly grow in size. This issue has now been fixed.

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Effective Data from Lookup Browse Blank Issue (UIGS-1056)

Previously, the Effective Date field's value could become blank after the Next button was clicked if the value was set from a lookup browse. This issue has now been fixed.

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Report Launched from CHUI Generated Multiple Reports (UIGS-949)

Previously, launching a Reporting Framework report within a single legacy report process from the Character UI (CHUI) was causing multiple reports to appear. This issue was occurring with customized versions of Pre-Shipper/Shipper Confirm (7.9.5). This problem has now been fixed.

Browse Column Edit Reset Scroll To First Row on Every Edit (UIGS-992)

Previously, when editing the column positions in a browse with many columns (which required a lot of scrolling), it was difficult to edit the column positions because the scroll position was reset to zero every time a column was changed. This issue has now been fixed.

Search on Asterisk (*) in "Starts at" Filter (UIGS-990)

Previously, an issue prevented the use of a wild-card asterisk symbol (*) in the browse "Starts at" filter. This issue has now been fixed.

Paper Size Default in Report Resource Designer (UIGS-979)

Previously, on certain printers, the default paper size was not correct for reports created in the Report Resource Designer when the Custom paper size was defined in the report layout properties. The print drivers for these printers did not recognize Custom and instead used the first page size on the print driver's list of page sizes (typically the Letter page size) instead of using the default page size assigned in the Windows printer setup. This issue has been fixed so that the default page size in the Windows printer setup is now used.

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Browse Count With Not Equals Filter (UIGS-878)

Browse count on local variable filter of “not equals” now returns the correct value.

UTF-8 Text String Truncation (UIG-9200)

Previously, when entering UTF-8 data into a character field, the length of the text string was not fully taken into account, resulting in data truncation. This issue, observed in languages such as Thai, has been fixed.

Updated qpkgwin.exe Now Supports HTTPS (UIG-9203)

The `qpkgwin.exe` program downloads and installs the plug-ins from QAD home server. This program is started by the QAD .NET UI automatically each time plug-ins need to be installed or updated. The `qpkgwin.exe` program has now been updated to support HTTPS for the downloads from the QAD home server to the QAD .NET UI client.

Dashboard Listing of Mobile Collections (UIG-893)

Previously, the Dashboard functionality included a modification to the collection read mechanism that caused mobile collections to be overlooked in the list of legacy collections. This issue has now been fixed.

Favorites Display Correction (UIG-898)

Previously, when `UserMenu.dat` was present and `UserMenuProvider.dat` was not present, the updated favorites were not written to `UserMenu.xml`. As a result, the old favorites would appear once and then disappear upon the subsequent login. This issue has now been fixed.

First Column Missing in Chinese and Japanese Reports (UIG-9248)

Previously, the first column of a report line starting with Chinese or Japanese was getting truncated. This problem has been fixed.

Browse with Local Variable and Not Equals Filter (UIG-9290)

Previously, when running a browse with a local variable (local-var) function, filtering a local-var with “not equals” always resulted “No records found.” This issue has been fixed.

Financials Functions on Process Editor Menu Lookup (UIG-9257)

Previously, the Process Editor’s Node Properties - Menu Lookup did not include Financials functions. The Financials functions are now included in the lookup.

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Polish Language Character Entry and Error Report (UIG-9108)

Previously, in the Polish language, when attempting to enter the “Ę” or “ę” characters using the Ctrl + Alt + Shift + E keys, the QAD .NET UI Error Report displayed instead of the expected character. This issue has now been fixed.

LDAP User Access to Financial Menus (UIGS-827)

Previously, the LDAP user could not access Financial menus after log in to the QAD .NET UI using email address or QAD username. This issue has been fixed.

Value of "9999,999.0" in Quote Qty in Sales Quote Maintenance (UIGS-836)

Previously, Sales Quote Maintenance had an issue in the SITE field when adding the 4th Line and using the Enter key could cause the client to halt while leaving the connection busy in the Connection Manager. This issue has now been fixed.

Patch Installer Maintains Existing SSH Parameters (UIG-9169)

The patch installer adds entries in the ConnectionManagerConfig.xml file for SSH private key authentication. However, in the previous cumulative patch, the logic which does this first removed those same parameters if they existed and then added them back. However, this behavior could have the effect of removing the values that a customer has set up for these if they already exist. Instead of removing them, the patch installer now does nothing to them if they already exist.

New User Login Issue with SSO Functionality (UIGS-852)

Previously, new users created in the QAD .NET UI (with User Maintenance, User Domain / Entity Access Maintain, and Role Membership Maintain) could not log in to the QAD .NET UI for the first time as a new user if the SSO functionality was enabled. (Note that the SSO functionality also requires the use of the QRA functionality.) This issue has been fixed.

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Reporting Framework Inconsistent Output Fixed (UIG-8620)

The Reporting Framework provides multiple destinations for report output. For example, a scheduled report has the options for Printer, Save Report Output, and Attach Report To Email. In addition, reports that are viewed on the screen can also be saved to a file or printed. Previously, in scheduled or viewed report output, if more than one of these options were chosen for a given report, then there was a possibility that inconsistent output might appear in one or more of the destinations. The problem could consist of inconsistent layout, incorrect page orientation, or incorrect numeric values being displayed. This issue has now been fixed.

Lookups on Metaschema Fields in Oracle (UIG-7847)

In an Oracle database environment, lookups on metaschema fields (like `_file`, `_field`, and so on) now work properly. Previously, an error message would display on lookups such as Account Table / Field Maintenance's Application Table Lookup ("The system was unable to process your request.").

Menu Collection Child Tab Labels (UIG-9080)

Menu Collection child item tab labels now display the correct name. Previously, all child items displayed the collection name as the tab label.

Configurable Screens "Selected Fields" in Design Mode (UIGS-657)

For Configurable Screens in Design Mode the "Selected Fields" list is now properly populated for frames containing fields with the percent character (%) in their label. Previously, instead of the current frame's fields, the fields of previous frames were displayed.

Price List Report Double-Byte Display (UIGS-425)

A Knowledgebase Article is available that describes how to have Price List Report (1.10.2.3) display complete labels when run in double-byte languages with the UTF-8 code page. For more information, see Knowledgebase Article **AA-64797** (<https://knowledgebase.qad.com/kmp/article/AA-64797>).

Shipping Group Maintenance Address Display (UIGS-655)

Shipping Group Maintenance (2.18.1) now shows correct addresses in the background when the delete option is selected. Previously, clicking the delete option changed all the addresses to the last address.

Manage Workspace Order Across Sessions (UIGS-679)

Previously, you could change the order of the workspaces in Tools | Manage Workspaces but the changed order only remained in effect during the current session. The changed order of workspaces now remains in effect even if you log out and then log back in again, starting a new QAD .NET UI session.

Operational Metrics Range Filter Totals (UIGS-682)

Previously, in Operational Metrics, a combination of range filters could generate incorrect totals. This issue has now been fixed.

SSH Public Key Authentication (UIGS-668)

SSH supports both password based and public key authentication. Public key authentication is an authentication method that relies on a generated public/private keypair. The keypair is generated using public key cryptography which has the mathematical property that prohibits the same key from encrypting and decrypting the same message. The keys are used at the protocol level for authentication inside SSH during session creation.

It is important to protect the privacy of the private key file. The private key file can be encrypted with a password to ensure that even if someone were to obtain the private key file it would be useless. The SSH public key authentication implementation supports both password protected and unencrypted private key files.

Setting Up Public Key Authentication

Note For more information on SSH public key authentication and related security topics, see <https://knowledgebase.qad.com/kmp/article/AA-81737>.

Renamed Favorites on Auto Start Using Standard Menu Name (UIGS-708)

Previously, a renamed favorite set to Auto Start would revert to the standard menu name instead of the new name. This issue has been fixed.

WebSpeed Memory Leak Fixed (UIG-8918)

A memory leak in the WebSpeed server has now been fixed. Previously, memory was leaking from WebSpeed which was reported to cause the following error in the WebSpeed log file:

```
isTimezoneSwitch com/qad/nav/sessws.p' Line:465) Could not create  
buffer object for table qaddb.qaddb_ctrl. (7334)
```

QAD Reporting Framework Server/Service Cleaning Up Resources (UIG-9081)

The QAD Reporting Framework Server and QAD Reporting Framework Service are now properly cleaning up resources when exiting. Previously `sess_mstr` and `mon_mstr` records were being left stranded in the database.

Reporting Framework Scheduled Report Files Storage (UIG-9009)

The QAD Reporting Framework Server and QAD Reporting Framework Service now store scheduled report files only on the server under WebDAV on Tomcat. Previously, a copy of the report was also cached on the Windows machine that was running the QAD Reporting Framework Server or QAD Reporting Framework Service. (This applies only to scheduled reports that were set to save the report output.)

If you wish to delete the cached copies of the report files:

- 1 Access the file system of the Windows machine(s) where the Reporting Framework Server and/or Service have been running.
- 2 Locate the .NET UI storage directory.

Important This directory is the caching directory used by the QAD .NET UI. Do not mistake this directory for the WebDAV storage directory where the actual report files are stored. Usually, the QAD .NET UI storage directory will not be on the same machine as WebDAV (Tomcat).

- 3 The default QAD .NET UI storage directory can be found by typing: %APPDATA%\QAD into Windows Explorer. From this directory level search through the directory tree for webdav-cache. Next, search from here for a directory named c1. In the c1 directory, locate the directory named results. Delete this results directory.

Configurable Screens Required Fields (UIG-9016)

In Configurable Screens, a required field can no longer be skipped over using the Skip button or Ctrl+Enter. Previously, added frames with required fields could be advanced past without entering the required field.

Decimal Field Digits in QAD .NET UI and CHUI (UIGS-742)

Decimal fields in the QAD .NET UI now allow the same number of digits as in the Character UI (CHUI). Previously, in some cases, the QAD .NET UI provided less digits than in the Character UI.

Tab Key Text Selection (UIGS-751)

Entering the Tab key to navigate to the next field now moves the cursor to select all the text in the next field. Previously, the full text was not selected when the field was navigated to more than once.

Display of Frames Without Titles (UIGS-762)

Frames without titles, such as Field Help Maintenance, now display correctly. Previously the bottom of the frame would be truncated.

Favorites Disappearing During Login (UIGS-764)

Previously, Favorites data was sometimes being corrupted during QAD .NET UI login resulting in disappearing Favorites items. This issue has now been fixed.

Browse Maintenance Browse Leak Fixed (UIGS-765)

A memory leak in Browse Maintenance (in the genfldd_det table) has been fixed.

HTTPS Support (UIG-9084)

In the QAD .NET UI, screens that display in Desktop mode are based on XML representations of Character UI screens. By default, the XML is posted to Tomcat with an HTTP request to the XMLReceiverServlet for use by the QAD .NET UI. Previously, only HTTP was supported, but now you can use HTTPS instead.

Note For more information on configuring HTTPS and related security topics, see <https://knowledgebase.qad.com/kmp/article/AA-81737>.

Operational Metrics Multiple Search Condition Correction (UIGS-800)

Previously, when multiple search conditions were present in metrics, only the first search condition would appear to get processed. This issue has now been fixed.

Login Process Memory Leak Fixed (UIG-9021)

A memory leak in the login process due to dataset leaks in Progress code has now been fixed.