

QAD Business Intelligence Release Notes

March 2011

These release notes include information about the latest QAD Business Intelligence (QAD BI) fixes and changes. These changes may affect the way you implement and use QAD Business Intelligence.

Review this document before proceeding with any phase of QAD Business Intelligence implementation.

These release notes are cumulative, with the most recent changes displayed first. Review the notes for all releases after your currently installed release. Installation and configuration changes may have occurred in those intermediate releases, and unless otherwise noted, apply to the release where they were announced, as well as subsequent releases.

QAD highly recommends that you implement the latest QAD Business Intelligence release available. Check the QAD Online Support Center to make sure you have the latest QAD Business Intelligence release notes, installation errata, installation guide, and installation media.

<http://support.qad.com>

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Release Notes for Current Release

QAD Business Intelligence Version: 3.4

Date: March 2011

QAD BI 3.4 continues the evolution of QAD Business Intelligence to bring more modules for analysis and an improved portal with which to explore data. The data warehouse has been extended to include Financials (Enterprise Edition) schema set and a few extensions (new metrics) to the Purchasing schema. The portal is now internationalized so users of different languages can query/analyze the data in their preferred language. Also, the power of Comparative Queries in the Portal lets users compare measures side by side against given criteria.

Note If you are upgrading from a version of QAD BI 3.3, see “Upgrading to QAD BI Portal 3.4 from 3.3.x” on page 4 for instructions.

New Feature Summary

Portal

- Comparative Queries allow users to do a side-by-side comparison of measures against time periods, or any other dimension values.
- Internationalization: The portal is now internationalized and can be configured for all 14 QAD supported languages.
- Fact Views created in the data warehouse are now visible and can be queried using the portal.

Modules

- Purchasing: New metrics added.
- EE Financials: Support for selected Enterprise Edition Financials metrics, reports and dashboards.
- Internationalization: Language translations have been added to all the modules, so table and column names when viewed in the portal display in the user’s preferred language.
- A new, QAD-branded data warehouse designer that supports Unicode data loads.

Fixes

Component	Issue ID	Description
Portal	QBI-601	Data Security Model Builder - saved new model builder - name not saved
Portal	QBI-600	Internationalization - New Folder dialog buttons overlap when labels are longer than in English (for example, in German)
Portal	QBI-595	Translated data security model names not displaying properly
Portal	QBI-577	Query Editor: Advanced SQL shows extra line breaks
Portal	QBI-572	Parameter substitution incorrect in visual items
Portal	QBI-559	Wrap text on the column headers in grids
Portal	QBI-558	Invalid XML error on multi-series charts with measures that have a ">" character in their name
Portal	QBI-557	Report parameter supplied by drill in is not shown when the default value comes from a query

Component	Issue ID	Description
Portal	QBI-534	Dashboard with visual item with two parameters, and two parameter bars, not matching parameters properly, results in no data displayed
Portal	QBI-524	Charts take up more space in v3.3 compared to v3.2
Portal	QBI-523	Report Wizard causes error if unselect a field which happens to be a "group by" criteria
Portal	QBI-512	No scroll bar if Visual Item has many Actions
Portal	QBI-508	Editing an existing advanced query does not allow the user to go to the "Next" page
Portal	QBI-507	Advanced queries with parameters causes an error when creating report using the wizard
Portal	QBI-501	Change Password upon login dialog doesn't verify that entered & re-entered password actually match
Portal	QBI-472	Visual Item: allow reordering of measures on charts
Portal	QBI-470	Visual Item: uploaded images should retain their original size
Portal	QBI-469	Query Designer - sometimes the filters don't show up
Portal	QBI-467	multiple text areas on dashboard - font changes affect both
Portal	QBI-443	User Admin: Add User screen lets you enter Password values but doesn't use those values - disabled the password fields for User add operation.
Portal	QBI-416	Free form visual item allows rich text editor too - highlight links when put in place properly
Portal	QBI-411	Highlight links in dashboard text areas
Portal	QBI-331	Dashboard: Minimized objects stored that way in dashboard designer don't minimize to same location when viewing dashboard
Portal	QBI-328	Report Wizard: Can't set currency character to a Euro
Portal	QBI-217	Visual Item: Freeform item - when I select the text of a new item to edit it, the Selection Properties panel goes blank
Portal	QBI-452	Charts: filter inappropriate values from query on server, pass message to client
Portal	QBI-176	Allow for encryption of SQL Server password in server-config.xml
Metadata	QBI-597	dim_customer.salesperson1_code null when stage_customer had values for it
Metadata	QBI-596	Current and Previous YTD still wrong in daily_date_roll_qad
Metadata	QBI-581	Incorrect dependencies in HIST_LOAD_PERM caused permsup_om_invoice_line to have 0 rows even though perm_om_invoice_line has data
Metadata	QBI-544	load_idh_hist and load_SYSCOLUMNS lacking post- load File Action to delete all temporary files
Metadata	QBI-528	daily_date_roll_qad does not set week-in-year properly
Metadata	QBI-518	Make specific dimension views for dim_customer to make it easier to understand what kind of customer it is
Models	QBI-554	Constraints on data models are always created with a NotIn clause irrespective of what the user selects on the UI
Models	QBI-539	Model Builder ignoring EUL-visible flag on measures
Portal Standard Objects	QBI-606	Remove certain financials reports
Portal Standard Objects	QBI-549	Remove numbers from names of Portal Standard Items

Component	Issue ID	Description
Services	QBI-478	If tomcat started before SQL/Server, all connections in pool are invalid
Services	QBI-450	Add a standard format for date and time

Known Issues

- One of the Inventory tasks—stage_inv_transaction_con_cus5 Process—is missing from both the History and Daily load jobs. To correct this, prior to running the INITIAL_JOB_SETUP, Edit Tasks for both the HIST_INV_PROCESS_XXXXXXX and DAILY_INV_PROCESS_XXXXXXX jobs. After stage_inv_transaction_con_cus4 and before stage_inv_transaction_con_sup, add the task stage_inv_transaction_con_cus5 with the action Process. This task should not be grouped with those above or below it; it should have an Order that is higher than the con_cus4 task and lower than the con_sup task. Save and rebuild dependencies.
- The BI Portal application cannot run in the same instance of Tomcat as QXtend. (QBI-174)
- Visual items: drill-in using hierarchy the “loading” spinner displays forever. (QBI-181)
- Model changes in QAD BI DWD are not picked up unless a custom model is opened in the Portal, saved and closed. (QBI-127)
- fact_ar_invoice_history has the “entered date” value stored as a degenerate dimension value rather than as a dimensional join. This will change to a full dimension join in future releases of the BI data warehouse. Doing so might cause some queries to need to change in the future. (QBI-26)
- Now that the GUI supports translation of repository object names, the Export/Importobject functionality needs to support the import and export of the translated strings. (QBI-604)

Upgrading to QAD BI Portal 3.4 from 3.3.x

Preparation

- 1 Shut down Tomcat.
- 2 Back up the BI Portal database.

Note QAD BI Portal version 3.4 requires WhereScape RED or QAD BI DWD version 6.1 or later.

Upgrade Steps for QAD BI Portal

- 1 Move TOMCAT_HOME\webapps\your_bi_appname to TOMCAT_HOME\your_bi_appname.save33.
- 2 Unzip the new data.zip file into TOMCAT_HOME\webapps\your_bi_appname.
- 3 In TOMCAT_HOME\webapps\your_bi_appname\WEB-INF\config, copy the server-config.xml.default file to server-config.xml. Edit the file and set the connection information as it was set in your server configuration file, TOMCAT_HOME\your_bi_appname.save33\WEB-INF\config\server-config.xml file. Do not simply copy over your old file; there is a new section in the server-config.xml to support different languages that must be present. If you do not want to make all the languages available in the Add/Edit User dialog, you can remove the unnecessary ones from the list. However, at least one language must exist in the localeConfig section of the configuration file.
- 4 As there were no changes in BI Portal 3.4 to the LoggerConfig.properties file, you may either copy over the default and set up your log path; or just copy your old TOMCAT_HOME\your_bi_appname.save33\WEB-INF\config\LoggerConfig.properties file to TOMCAT_HOME\webapps\your_bi_appname\WEB-INF\config.

- 5 Copy over from your saved BI 3.3.x webapp directory any folders and documents containing content that you want to continue to access, such as:
 - a The documentation directory (if you had installed the Analytical Module documentation that comes with the metadata).
 - b The published directory (if you had installed the Excel spreadsheets for accessing cubes that comes with the metadata).
 - c Any images in the images directory.
 - d If you had customized a logo image for use in reports, copy that to the new TOMCAT_HOME\webapps\your_bi_appname\WEB-INF\classes\images directory.
- 6 Run the 3.3.x to 3.4 Portal upgrade script in your Portal database. Make sure that there are no errors in the output.
 - a In SQL Server Management Studio, choose File -> Open -> File. Navigate to your new TOMCAT_HOME\webapps\your_bi_appname\install\sqlserver directory and choose the v33tov34.sql script.
 - b Make sure the BI Portal database is selected as the target database.
 - c Click on Execute.
- 7 Start Tomcat.

Note on Password Encryption in the BI Portal

With this release of BI Portal, you can now encrypt the SQL Server password in both the server-config.xml file (which contains the connection information for the BI Portal database) and in the aw_sys_config table (which contains the connection information for the BI Data Warehouse). The encryption uses the Blowfish algorithm.

A command-line tool to encrypt the password named encpwd.bat is located in TOMCAT_HOME\webapps\your_bi_appname\cmdline. To run this, open a DOS window, change to the cmdline directory, and run:

```
encpwd.bat mypassword
```

The encrypted password will be printed on the screen. Copy this value and use it in the server-config.xml file as the value for the pwd. Also make sure that pwdEncrypted=true. (If you change back to using an unencrypted password value, make sure you set pwdEncrypted=false.)

Similarly, if you want to encrypt the password used by the Portal to connect to the Data Warehouse, use the encpwd.bat script to generate the encrypted password, then edit the value for the jdbcPassword in the aw_sys_config table, the DATASERVICE row, and set it to then encrypted value; make sure you add pwdEncrypted=true.

If you change either password, you must stop and restart Tomcat for the change to take effect.

Verification

Connect to your BI Portal. Click on the About link on the login screen and verify that the Version is 3.4 and the Build Number is BI3-TRUNK-JOB1-972.

Release Notes for Release 3.2.1

QAD Business Intelligence Version: 3.2.1

Date: June 6, 2010

Overview

This document contains information about the specific changes in the QAD BI 3.2.2 release. Most changes in this release impact the BI metadata that is used to build the data warehouse. Some changes to standardize names and fields used by the QAD BI Portal are also included.

Defect (metadata)

- Order for two different customers that share the same order number caused problem creating fact_om_order_history and fact_om_order_performance.
- dim_customer_sold_to.region_description had wrong datatype, causing problems in cube creation.
- stage_om_booking_transaction not considering item_number when building fact table, causing failure.
- stage_financial_date displays wrong month at end of financial year.
- fact_om_booking: Unit cost base, corp and trans were not showing up as measures in the portal query builder. Same was true for list price base, corp and trans.
- Unit_costs properly handled in base and trans values.
- Checks with null status in fact_ap_check were not showing as OPEN.
- fact_om_invoice: Unit Cost, List Price, Net Price Base, Corp, Trans were not showing up as measures in the portal query builder.
- Some fact tables do not have proper Business Display Names (End User Labels).
- Some dimension tables do not have proper Business Display Names (End User Labels).
- fact_om_order_history: Unit Cost, List Price, Net Price Base, Corp, Trans were not showing up as measures in the portal query builder.
- fact_om_shipment: Unit Cost, List Price, Net Price Base, Corp, Trans were not showing up as measures in the portal query builder.
- Bookings reversals have wrong effective date.
- AR invoice aging logic is only showing positive amounts, not credits.
- fact_ap_invoice_snapshot, fact_ar_invoice_history, fact_ar_invoice_snapshot - Credit Term Split Sequence should not be a measure in the portal query builder.
- fact_ap_voucher_history: several Amount Open bucket measures not showing up properly as measures in the portal query builder.
- fact_ar_invoice_history: Account Base not showing up properly as a measure in the portal query builder.
- work_ap_check_list has erroneous data source listed, causing data to load improperly.
- fact_om_order_history was not considering transactions that changed before the SALES_ORDER_HISTORY_DATE parameter value, even if they were back changed.
- fact_ap_voucher_history never receives closed vouchers (where the base amount is zero).
- fact_ar_invoice - open_amount_base was calculated incorrectly.
- Address field sizes were expanded to hold large address lengths, throughout the warehouse.
- fact_ap_check contained some checks that were really vouchers.

Defect (portal)

- Dashboard: dashboard view was incorrectly showing multiple scroll bars when the height of the dashboard was set to a smaller size than the items placed on it required.
- Report: Refreshing a query used by a report was not properly refreshing the queries parameters.
- Dashboard: Problems with multiple visual items using parameter bars would periodically cause incorrect refresh behavior when the parameter bar changed, resulting in no data to display messages.
- Query Designer: use display names for fact tables in the drop down, rather than table names.

Enhancements

- Metadata: Fact table labels (Business Display Names, or EULs) made consistent across fact tables.
- Metadata: added cube creation job.

