



QAD Adaptive Applications
YAB 1.15

Release Notes

YAB

QAD Adaptive Applications

YAB

March 2022

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YAB 1.15

YAB: 1.15

Date: March 2022

QAD Adaptive Applications Versions: Enterprise Edition 2016 and later when installed with QAD Adaptive UX 2022

Upgrade Instructions

To install YAB 1.15, enter:

```
yab install yab-ee-image-[VERSION].zip
```

After installing yab-ee-image ensure your yab client version is updated by executing the script

```
build/client/yab-client-update
```

For all other installation information, see the most recent edition of the *QAD Enterprise Edition Installation Guide*.



YAB 1.15 requires Java 1.8. If you are upgrading to YAB 1.15 you must also use Java 1.8. Refer to the *QAD Configuration and Administration Guide YAB 1.15* for details of how YAB determines the Java version that is used.

New Feature Summary

Support for Single Node Cassandra Clusters

Cassandra instances define a cluster name (defaults to host name) and an endpoint snitch (GossipingPropertyFileSnitch) that provides better support for switching to multi-node Cassandra topologies in future upgrades.

Nifi Supportability and Usability Enhancements

YAB has improved validation, error handling, and error recovery should errors occur when updating or managing Nifi instances. Changes were applied in a backward-compatible way to minimize the impact on existing instances.

Minor Enhancement Ticket List

Key	New Functionality	Prior Functionality	Customer Technical Impact
RFRD-10814	Spin/retry when making calls to the QXtendConfigurationService to try for up to three times to recover from a (transient) failure.	Only a single call to QXtendConfigurationService was made and any failures were fatal.	n/a
RFRD-10728	Introduced "system-package-analyze" command to support "what-if" analysis of different package configurations and their requirements. See: yab help system-package-analyze	n/a	n/a
RFRD-10727	Passwords are now quoted when connecting to OpenEdge databases.	Error 710 or 1403 seen if a OpenEdge database user password has special characters. https://knowledgebase.progress.com/articles/Article/000042092	n/a
RFRD-10698	Updated area mappings with the new areas introduced since 2015.	Upgrading CSS in an environment with the original 2015 style database structure may fail with errors like these: ** Error during ADD TABLE table_view ** ** Line 115 AREA NAME either not found in database or not type d (data).	n/a

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RFRD-10694	The "find" command has been enhanced to identify overridden files with new options. See: yab help find	The "find" command did not have the ability to identify overridden files.	n/a
RFRD-10691	When using the cqslsh script, you will now be prompted for a password as the password is no longer contained in the cqslshrc file.	The cassandra password was present in the cqslshrc file.	n/a
RFRD-10690	The getEncoding element in WEB-INF/conf/config.xml file for the qadui and qxi webapps were now managed by YAB using the corresponding tomcat.default.uriencoding and tomcat.qxtend.uriencoding configuration.	The getEncoding element in WEB-INF/conf/config.xml file for the qadui and qxi webapps were not managed by YAB	n/a
RFRD-10679	The old configuration keys are converted to the new keys automatically when YAB is upgraded.	The generated keys associated with data customizations changed, potentially leading to validation errors like the following when the old keys are explicitly configured: The configuration is invalid. <ul style="list-style-type: none"> [data.customizations-default-dotd-qadadm.dir] is not configured. [data.customizations-default-dotd-qaddb.dir] is not configured. 	n/a
RFRD-10664	Data exported from tables with names < 30 characters use the original serialization for backwards compatibility. Data exported from tables with names >= 30 characters can only be loaded by YAB >= 1.14.	Data files produced in some YAB 1.14 versions cannot be loaded by earlier releases of YAB due to changes to support table names of 30-32 characters.	n/a
RFRD-10638	Table permissions are no longer included in the schema definition when exporting an app.	Table permissions were included in the schema definition when exporting an app.	n/a
RFRD-10633	Fixed with an upgrade conversion.	Invalid ordering error in specific upgrade scenarios: update < cloud-radley-bcproc-update < filegen-update < update	n/a
RFRD-10605	Additional secondary login brokers (dbserver.INSTANCE.broker.NAME) may be configured for Progress databases.	A primary database broker (dbserver.INSTANCE.fourgl) and optionally a secondary login broker (dbserver.INSTANCE.sql) may be configured for Progress databases.	n/a
RFRD-10599	Able add database extents when the database is online	Unable to add database extents when the database is online	n/a
RFRD-10589	Added a new setting nifi.INSTANCE.root-process-group.PROCESSGROUP.componentupdatestrategy; this setting drives how YAB manages older process group versions during an 'update'.	n/a	n/a
RFRD-10551	df files that contain only comments are now treated as if they were empty and not loaded.	YAB attempted to load df files which only contained comments which fails.	n/a
RFRD-10537	The environment will be restarted in an "environment-offline-backup" even if the backup fails.	The environment would not be restarted in an "environment-offline-backup" if the backup fails.	n/a
RFRD-10531	More readable validation message. Ex: Installation is only supported on redhat >= 7 and < 8 or centos >= 7 and < 8 but [redhat 8.3] detected.	The message for validating the operating system during an Adaptive UX install was difficult to understand. Ex: ***_osvalidation_: Installation is only supported on OSes matching [redhat(7,8);centos(7,8)] but OS detected as [redhat] version [8.3]"	n/a
RFRD-10505	When an xml file with customized controllers is deleted, these changes are now reflected in the main controllers.xml file.	When an xml file with customized controllers was deleted, these changes would not take effect in the main controllers.xml file.	n/a
RFRD-10495	The "validate" command will now validate that the database user the application uses to connect to databases configured as data stores over JDBC is defined in all databases and has the same password in all databases as required.	n/a	n/a
RFRD-10453	New command 'system-config-types' to enumerate configuration types.	n/a	n/a

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RFRD-10437	The stdout/stderr from services started in the background is redirected to a file "[LOG DIRECTORY]/[SERVICE TYPE]/[SERVICE INSTANCE]/start.log", to capture any errors that occur before the service logging begins.	Troubleshooting information may be lost when components are started in the background.	n/a
RFRD-10399	The error message in the log is now enriched with the name of the process that raised the error when an error is raised from a process, using the following syntax: [PROCESS] MESSAGE	When an error was raised by a process, it was sometimes hard to determine which process raised the error from reading the log.	n/a
RFRD-10393	If there are multiple definitions of a setting, the lower precedence definitions will be appended to the highest precedence definition as long as any of the definitions define the "@append" annotation, unless the highest precedence definition defines the "noappend" annotation. The interpretation of the append annotation was adjusted to produce results in better alignment with user expectations in most situations.	If there are multiple definitions of a setting, the lower precedence definitions will be appended to the highest precedence definition as long as they define the "@append" annotation, unless the highest precedence definition defines the "noappend" annotation.	n/a
RFRD-10356	The install now forwards options to the commands that install the product (usually update). The "install-background" option is no longer necessary when running an install in the background. See the "Product Upgrades" section in the Configuration and Administration Guide for more detail.	Most options submitted to the "install" command were not forwarded to the "update" command. The "install-background" option was required when running an install in the background.	n/a
RFRD-10355	The archive database PF file is generated in the "[APPDIR]/config" directory. Additional lines can be added into the PF through the new "audit.pf.lines" setting. See: yab help audit.pf.lines	YAB generates a PF file to allow auditing programs in the application to connect to the archive database in a secured environment. The PF file is generated in the databases directory.	n/a
RFRD-10328	When a product is installed the product packages are only downloaded if they are not already in the environment catalog (build/catalog), and when they are not, they are directly downloaded into the catalog.	When a product is installed the product may be prepared in a temporary directory and then later copied into the environment catalog (build /catalog), increasing the disk space required to install the product and the time it takes to install the product.	n/a
RFRD-8484	A new command 'config-history' can be used to show the configuration at a point in time or to compare the configuration from two points in time or to show the detailed change history for a setting or group of settings.	n/a	n/a

[27 issues](#)

Bug Fixes Ticket List

Key	New Functionality	Prior Functionality	Customer Technical Impact
RFRD-10687	When an index rebuild is interrupted, Progress will report error code (651), and ask the user if they wish to resume the index rebuild. YAB now detects this error condition and provides the correct answer to the question to automate index rebuilds even after an aborted attempt.	When an index rebuild is interrupted, Progress will report error code (651), and ask the user if they wish to resume the index rebuild, requiring manual intervention.	n/a
RFRD-10672	Regex schema validations with a context error message are now being displayed correctly.	Regex schema validations with a context error message was not being displayed correctly.	n/a
RFRD-10600	Fixed.	Decryption services may not properly be re-enabled after being disabled for a request.	n/a

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RFRD-10586	When resolving Dynamic References to a Nifi component, YAB now inspects the process group hierarchy to find a matching component that is in scope.	When Dynamic References of the same name existed in different process groups, an association to an out-of-scope component was likely during an 'update'.	n/a
RFRD-10574	Added new setting 'nifi.INSTANCE.root-process-group.PROCESSGROUP.template' to create a link between deployed flows and templates.	n/a	n/a
RFRD-10544	-DBCheck is now correctly treated as a flag and added without a value.	-DBCheck parameter incorrectly added to observer with a true value.	n/a
RFRD-10508	Fixed.	Rules to remove settings during an install are not aware of what is being installed.	n/a
RFRD-10475	Fixed.	The (-filter) option on the "data-xml-patch" command does not work correctly.	n/a
RFRD-10473	Fixed.	Exporting data using the "browses-ex" data entity produces a corrupted XML file.	n/a
RFRD-10466	Fixed	Qxtend CRM and MFS connection pools had no idle sessions available and required a restart after applying a YAB configuration change to the appservers and running a "yab update".	n/a
RFRD-10378	'nifi-component' has been deprecated in favor of using the 'nifi.INSTANCE.component.COMPONENT-INSTANCE' setting to optionally create components as well as configure them.	Previously, 'nifi-component' was used to define components/controller services that should be created by YAB and 'nifi.INSTANCE.component.COMPONENT-INSTANCE' was used to configure components only.	Replace instances of 'nifi-component' with 'nifi.INSTANCE.component.COMPONENT-INSTANCE'.
RFRD-10341	Fixed.	Errors using DBMAN to start and stop databases.	n/a
RFRD-10295	When validating an SSL enabled .NET UI connection check the tomcat keystore is used.	yab validate would not use the tomcat keystore to verify SSL connections for the .NET UI connection check.	n/a

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