



QAD Adaptive Applications
YAB 1.18

Release Notes

YAB

QAD Adaptive Applications

YAB

March 2024

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YAB 1.18

YAB: 1.18

Date: March 2024

QAD Enterprise Applications Versions: Enterprise Edition 2022 when installed with QAD Adaptive UX 2024 Limited to Adaptive UX customers only.

Upgrade Instructions


To install YAB 1.18, enter:

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

After installing `yab-ee-image`, ensure that 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 1.18 requires Java 1.8. If you are upgrading to YAB 1.18, you must also use Java 1.8. Refer to the *QAD Configuration and Administration Guide YAB 1.18* for details of how YAB determines the Java version that is used.

New Feature Summary

Java 17

YAB 1.18 supports Java17.

Nifi 1.16

YAB 1.18 supports the installation of Nifi 1.16, including upgrades of existing Nifi instances.

Qxtend 2.0

YAB 1.18 supports the installation of Qxtend 2.0, including upgrades of existing Qxtend instances.

EE Upgrades

As of YAB 1.18, the conversion-ee-upgrade process requires mandatory input parameters. For more details, see `yab help conversion-ee-upgrade`.

Minor Enhancement Ticket List

Key	New Functionality	Prior Functionality	Customer Technical Impact
RFRD-11743	The pas-trim command which invokes the OE12 oejmx.sh script is now executed using the Linux 'timeout' command.	The pas-trim command which invokes the OE12 oejmx.sh script was executed using Java ProcessBuilder API.	n/a
RFRD-11684	Updated the nifi-default-start & tomcat-webui-start python scripts to no longer enable universal mode when python 3.11 or higher is configured.	Two existing python scripts (nifi-default-start & tomcat-webui-start) had the universal mode enabled, and this caused compatibility issues with python versions 3.11 or higher	n/a
RFRD-11675	A new process qxtend-clean-up has been created to clean up the userRecords directory of QXI after tomcat-qxtend-stop is run. This process is enabled by default but can be disabled by changing the default value of tomcat.qxtend.clean-up. The process will clean up all directories listed in tomcat.qxtend.clean-up.paths.	In some cases, Qxtend Inbound was not removing redundant userRecord files, and a build up of files occurred that in extreme cases impacted qxi startup	n/a

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RFRD-11642	<p>Updated qadcscs-system-registry-update to put relative path to image_path, script_path, style_path and Help_path.</p> <p>Updated records put in css-wpro-Registry.p to QRAAppserverUID, QRAAppserverURL, QRAAppserverPWD, QRAAppserverParam4 and QRAAppserverLoc.</p> <p>Configuring of password and user through new properties. Defaults were set for empty password and user "mfg".</p> <p>See the following help for more details: yab help qadcscs.url.args qadcscs.service.user qadcscs.service.password qadcscs.system-control.images qadcscs.system-control.scripts qadcscs.system-control.styles qadcscs.system-control.help</p>	<p>Records input in css-wpro-Registry.p were wrong. Full paths being passed into CssSystemControlUpdateProcess.java. Password and username were not configurable, always using "mfg" and empty password.</p>	n/a
RFRD-11583	<p>A new "platform-app-uninstall" command is now available to support uninstalling platform apps.</p> <p>See yab help platform-app-uninstall for more details</p>	<p>Unable to uninstall a platform app</p>	n/a
RFRD-11574	<p>The propath.fin property now contains the setting from netui.pro.dir</p>	<p>The propath.fin property did not contain the setting from netui.pro.dir</p>	n/a
RFRD-11553	<p>In environments where the JDK version is greater than or equal to 1.8.0_332 and the Cassandra package version is less than or equal to 4.1, the nodetool utility throws an error when called from within YAB processes. While this issue has been resolved in later versions of Cassandra, for the time being, YAB's code has been enhanced to automatically add a workaround option argument to nodetool when the above conditions are met. The added argument is:</p> <p>-Dcom.sun.jndi.rmiURLParsing=legacy"</p>	<p>In environments where the JDK version is greater than or equal to 1.8.0_332 and the Cassandra package version is less than or equal to 4.1, the nodetool utility throws an error when called from within YAB processes.</p>	n/a
RFRD-11542	<p>The qra-rebootstrap process is run before webui-cache-refresh</p>	<p>Process qra-rebootstrap is run after webui-cache-refresh</p>	n/a
RFRD-11518	<p>The AIA webapp will get deployed only if netui.aia.enabled is true.</p>	<p>The AIA webapp always deployed.</p>	n/a
RFRD-11510	<p>Conditionalized the parameters in common.tomcat.startupopts based on java.default.version. See yab config common.tomcat.startupopts for more details.</p>	<p>common.tomcat.startupopts contained parameters that were not compatible with Java versions great than 9.</p>	n/a
RFRD-11508	<p>The nifi-default-certificate-update process has been enhanced to support automatically regenerating keystore and trustore NiFi certificates if the expiry date is less than 100 days in the next "yab update".</p> <p>Also, the default duration of the certificate is increased from 2 years to 5 years.</p> <p>Additionally, the regeneration of a certificate can be forced at any time. See "yab help nifi-default-certificate-update" for details.</p>	<p>The nifi-default-certificate-update process only generated new certificates if the certificate did not exist or if it had expired.</p>	n/a
RFRD-11506	<p>The logi-composer-stop process stops the microservices before stopping the service discovery (Consul).</p>	<p>The logi-composer-stop process stopped the service discovery (Consul) instance before stopping the microservices, causing KPI creation to fail.</p>	n/a
RFRD-11499	<p>A new package (progress-open-client) now distributes openclient jar files that provide OE11.7 support for Java17 and when present in an environment the openclient jars are sourced from there.</p>	<p>The openclient jar files were distributed directly from the Progress installation path, but OE11.7+ versions did not support Java 17.</p>	n/a
RFRD-11487	<p>When enabling or disabling the progress auditing, the _db-options._pvm.recordSessions configuration will also be updated accordingly.</p>	<p>The _db-options._pvm.recordSessions configuration was always set to "YES" regardless of whether the auditing was disabled.</p>	n/a
RFRD-11482	<p>YAB now supports optional arguments when creating LISTTING files. See yab help code.INSTANCE.listing. for more details.</p>	<p>YAB didn't support the optional arguments accepted by the Progress compiler when creating the LISTING files.</p>	n/a
RFRD-11447	<p>Introduced a new configurable property to determine the number of retries to attempt to find kafka topics using the describe command. See yab help kafkatopic._retrydescribe for more details.</p>	<p>The number of retries we were attempting to find kafka topics using the describe command was set to two.</p>	n/a

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RFRD-11443	A log4j2.properties file for Spark 3.3.x is now supported.	YAB did not support the log4j2.properties file for Spark 3.3.x.	n/a
RFRD-11441	YAB now provides support to create Progress OEABL "compile listings" for specified programs. Two new properties have been created for the functionality: code.INSTANCE.listing.includes and code.INSTANCE.listing.excludes.	YAB didn't provide support to create Progress OEABL "compile listings".	n/a
RFRD-11409	A single command replaces existing steps to enable Logi Platform Services on an environment.	A series of ordered steps to enable Logi Platform Services on an environment.	n/a
RFRD-11353	YAB now supports the installation and upgrading of Nifi 1.16.	YAB did not support the installation and upgrading of Nifi 1.16.	n/a
RFRD-11213	For SE to EE conversions, a Financial session is now created for each Financial conversion program, thereby preventing session timeout errors.	For SE to EE conversions, one Financial session was created for the duration of the Financial conversions, which in some edge cases resulted in session timeout errors.	n/a
RFRD-9859	A new process "yab system-process-enable-all" has been created to re-enable all processes disabled by the system. This process is then executed automatically as part of the conversion-ee-upgrade and conversion-pre-ee-upgrade commands.	No process existed to re-enable all system disabled processes and the re-enablement had to be done manually.	n/a
RFRD-7809	When running the conversion-ee-upgrade process, the user is now required to set a property for the type of conversion they are executing. If it is an ee conversion the user is also required to set a property for the source mfg version of the machine.	When running the conversion-ee-upgrade process the source mfg version was not accurately determining the mfg source version	n/a

23 issues

Bug Fixes Ticket List

Key	New Functionality	Prior Functionality	Customer Technical Impact
RFRD-11718	Fixed.	The database-<db>-schema-locate command, when provided with a parameter name in a different case than the original table name, was displaying duplicate results.	n/a
RFRD-11660	Improved how YAB stores the credentials of a database backup created in an environment that has been upgraded from yab-ee-app-1.11 without an environment update.	A backup created in an environment that has been upgraded from yab-ee-app-1.11 without an update had the credentials file in a format that was not understood by a restore, causing a "No user can connect" error.	n/a
RFRD-11624	Dumping XML data using the browses-ex entity (yab data-xml-dump browses-ex) dumps a valid and complete XML file.	Dumping XML data using the browses-ex entity (yab data-xml-dump browses-ex) created an invalid and incomplete XML file without a hard error.	n/a
RFRD-11540	Generates setenv scripts each time tomcat is updated.	Setenv script generation was skipped when startup options were null.	n/a
RFRD-11521	Resolved a fatal error (NullPointerException in the 'system-config-package-init' process) when a property configured with a @patch annotation contained an empty value. Users can now upgrade to YAB 1.17.2 or higher.	In YAB versions between 1.15.0 and 1.17.1, a fatal error (NullPointerException in the 'system-config-package-init' process) was encountered when a property configured with a @patch annotation contained an empty value, thereby preventing a user upgrading to those YAB versions.	n/a
RFRD-11519	A refresh is automatically triggered when configuration files are modified based on the time-stamp of the files. The modified time is now determined by the nearest second, ensuring unnecessary refreshes are not triggered.	The modified time of configuration files was determined by the millisecond, a millisecond of a difference caused unnecessary refreshes in YAB commands.	n/a

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RFRD-11470	YAB now restarts Nifi to synchronize the XML and JSON flow files during an update if the Nifi security settings have changed.	A Nifi controller service was failing to update database related information in the JSON flow file after enabling Nifi security settings causing an error during nifi-default-flow-update.	n/a
RFRD-11451	When the path to the database doesn't exist in the specified path, the process 'yab conversion-pre-ee-upgrade' will throw a more specific error.	No error handling in the process 'yab conversion-pre-ee-upgrade' when the path to the database doesn't exist.	n/a

[8 issues](#)

Note for On-Premise Customers

Use the following approach if this error is encountered when upgrading YAB:

*Caused by: java.lang.NoClassDefFoundError: org/apache/log4j/net/SocketAppender
at com.qad.yab.loader.LoggingConfigurator.configure(LoggingConfigurator.java:80)*

This workaround is necessary for On-Premise customers when upgrading YAB from 1.15 or earlier to YAB versions 1.16 or later.

Extract the image contents

```
unzip yab-ee-image-[VERSION].zip -d yab-ee-image-[VERSION]
cd yab-ee-image-[VERSION]
unzip data.zip
```

Use the install.py script to upgrade YAB (./install.py -install-update:false -install-instance:<path to environment>):

```
./install.py -install-update:false -install-instance:/dr01/qadapps/systest/
```