



QAD Adaptive Applications
YAB 1.17

Release Notes

YAB

QAD Adaptive Applications

YAB

March 2023

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QAD Inc.

100 Innovation Place
Santa Barbara, California 93108
Phone (805) 566-6000
<https://www.qad.com>

YAB 1.17

YAB: 1.17

Date: March 2023

QAD Enterprise Applications Versions: Enterprise Edition 2018 and later when installed with QAD Adaptive UX 2023 Limited to Adaptive UX customers only.

Upgrade Instructions

To install YAB 1.17, 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 1.17 requires Java 1.8. If you are upgrading to YAB 1.17, you must also use Java 1.8. Refer to the *QAD Configuration and Administration Guide YAB 1.17* for details of how YAB determines the Java version that is used.

New Feature Summary

Kafka 3.3 Support

YAB 1.17 supports the installation of Kafka 3.3, including upgrades of existing Kafka 3.0/2.8 instances.

QRA metadata fault tolerance

When used with Adaptive UX 2023, YAB provides support for configuring QRA metadata fault tolerance.

Analytics Support

When used with Adaptive UX 2023, YAB provides support for new Analytics functionality and enhancements.

Minor Enhancement Ticket List

| Key | New Functionality | Prior Functionality | Customer T |
|----------------------------|--|--|------------|
| RFRD-11326 | logi-platform-services-remove command is now always defined even when the logi-composer-migration-complete command has been executed. | logi-platform-services-remove command was no longer defined and couldn't be executed once the logi-composer-migration-complete command was executed. | n/a |
| RFRD-11297 | No longer receive error when database backup is greater than 8GB. | User would receive error when backup was greater than 8GB. | n/a |
| RFRD-11283 | spark._master and spark._slave are now configured to the same recovery directory (spark.deploy.recoveryDirectory) | spark._master and spark._slave were configured to have separate recovery directories (spark.deploy.recoveryDirectory) | n/a |
| RFRD-11211 | When the ict-triggers-generate process is run and there are no ICT triggers to be generated the process will not fail and a message is logged: "No triggers file generated, see log file for more details" | An error was thrown when the ict-triggers-generate process was run if there were no ICT triggers to be generated. | n/a |
| RFRD-11199 | YAB now supports additional source application databases in Qxtend outbound, using the qxo.databases property | YAB did not support additional source application databases in Qxtend outbound | n/a |

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|------------|---|--|-----|
| RFRD-11185 | The user credentials are encrypted and stored when backing up a MongoDB instance. When restoring the database, the process will look for the old credentials. If they don't exist (in the case of a backup created before these changes), the user will be able to parse them when executing the restore process. | When backing up MongoDB, the backup instance credentials weren't being stored to be used in the restore process. | n/a |
| RFRD-11155 | Calls to kafka-topics.sh now use the bootstrap-server parameter | Calls to kafka-topics.sh used the zookeeper parameter | n/a |
| RFRD-11148 | Arguments added to allow the setting of environment variables during a Progress database restore. See "db._restore.NAME.key db._restore.NAME.value" arguments in "yab help database-restore". | Could not set environment variables in a Progress database restore. | n/a |
| RFRD-11103 | Users are now able to modify the catalina.properties file. | User was unable to modify the catalina.properties file. | n/a |
| RFRD-11034 | New configuration 'qrf.INSTANCE.wine.dir=' has been created to specify the path to the wine instance to be executed. When setting the new configuration, 'yab qrf-rebuild' is required to rebuild the scripts. | Wine was expected to be on the path. | n/a |
| RFRD-10919 | YAB now has a client-id-update process that groups all client ID update commands | YAB did not have a single command to regenerate all client IDs | n/a |

[11 issues](#)

Bug Fixes Ticket List

| Key | New Functionality | Prior Functionality | Customer Technical Impact |
|------------|--|--|---------------------------|
| RFRD-11285 | Progress connection parameters used during an EE conversion is now a single line property without any delimiters | Progress connection parameters used during an EE conversion were delimited by a comma separator, which worked correctly for single key=value pairs, but didn't work when the value contained a comma | n/a |
| RFRD-11278 | When creating the scripts the process now checks whether the script is within \$appdir /scripts. If it is, it simply imports control.py. If it isn't, we import sys module and manually specify in the sys path \$appdir/scripts. | The batch script created attempts to import control.py from within scripts/batch directory | n/a |
| RFRD-11271 | The 'languages' property is now defined with the 'unique' and 'append' annotation | The 'languages' property did not have any annotations | n/a |
| RFRD-11268 | Database schema updates are now correctly using schema rename files when db.allowunrecognizedschema is set | Database schema updates were not correctly using schema rename files when db.allowunrecognizedschema was set | n/a |
| RFRD-11219 | logi-composer default.users.admin.password /supervisor.password validation will now accept a larger number of special characters. Note: Backslashes and commas are not supported as special characters in the password validation. | logi-composer default.users.admin.password /supervisor.password validation only had a limited number of accepted special characters | n/a |
| RFRD-11191 | Logi Composer password validation correctly validates that the passwords define 1 upper case character, 1 lower case character, 1 numeric value and 1 special character. | Logi Composer password validation incorrectly validated that the passwords contained a single lower case character "d" rather than a digit. | n/a |

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|----------------------------|---|--|--|
| RFRD-11189 | mongodb-rhel8 package correctly installed when installing AUX on RHEL8. | mongodb-rhel8 package was not correctly installed when installing AUX on RHEL8. | Any previously applied workarounds should be reviewed and removed. |
| RFRD-11187 | Provided more information to users when failing password validation. | There was no context to user when failing password validation. | n/a |
| RFRD-11033 | AUX pre-schema conversions are now executed as part of an EE upgrade (conversion-ee-upgrade). | AUX pre-schema conversions were not executed as part of an EE upgrade (conversion-ee-upgrade). | n/a |
| RFRD-10918 | JWTClient Client ID/Secrets will be kept in sync with database changes | JWTClient Client ID/Secrets did not take database changes into account. | n/a |

[10 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/
```