



QAD Adaptive Applications  
YAB 1.19

# Release Notes

# YAB

QAD Adaptive Applications

YAB

November 2025

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# YAB 1.19

**YAB:** 1.19

**Date:** November 2025

**QAD Enterprise Applications Versions:** Enterprise Edition 2022 when installed with QAD Adaptive.

## Upgrade Instructions

To install YAB 1.19, 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 1.19 requires Java 1.8. If you are upgrading to YAB 1.19, you must also use Java 1.8. Refer to the *QAD Configuration and Administration Guide YAB 1.19* for details of how YAB determines the Java version that is used.

## New Feature Summary

### Container Support

YAB 1.19 supports the deployment of podman containers.

The following features were implemented using this container support:

#### Cassandra 5.0 Support

YAB 1.19 supports the installation of Cassandra 5.0, including upgrades of existing Cassandra instances.

#### NGINX Support

YAB 1.19 supports NGINX as a reverse proxy.

#### Kafka Mirror Maker Support

YAB 1.19 supports that installation of Kafka Mirror Maker.

#### Observability Support

YAB 1.19 introduces an Observability module.

#### Redis Support

YAB 1.19 supports Redis 8.1.

### Mechanism to handle Java Extension Code artifacts

YAB 1.19 supports Java Extensions.

### NiFi 2.0 Support

YAB 1.19 supports the installation of NiFi 2.4, including upgrades of existing NiFi instances.

## Minor Enhancement Ticket List

Key	New Functionality	Prior Functionality	Customer Technical Impact
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RFRD-12298	Support for configuring QXtend 2.1 to use Auth0 for authentication.	n/a	n/a
RFRD-12287	yab-configurator now dynamically selects the appropriate compile list (EE or Adaptive) based on the configurator-src version (5.12.12), ensuring yab updates complete successfully across both environments.	yab-configurator relied on configurator-src's compile list configuration, which caused compile failures in EE only environments after recent configurator-src changes.	n/a
RFRD-12253	QAD_CI in Process Maps refers to the public WebUI URL	QAD_CI in Process Maps incorrectly referenced the private WebUI URL	n/a
RFRD-12245	Support for configuring unstructured/structured logging with the <i>logging.type</i> setting for a limited set of supported services. The default value "structured-json" outputs log data in JSON format for ingestion by monitoring tools.  See: yab help logging.type	n/a	A limited set of services will output log data in JSON format.
RFRD-12225	Support large (greater than 8GB) archives in Progress and Cassandra database backups.	Did not support large (greater than 8GB) archives in Progress and Cassandra database backups.	n/a
RFRD-12147	Configure the Configurator application server content-security-policy to allow connections to the CSS application server as controlled by the setting <i>pas.configurator.spring.content-security-policy.policy-directives</i> .	The content security policy was not configured so the Configurator application server could not connect to the CSS application server.	n/a
RFRD-12056	Added support for configuration indexers with a single wildcard at any position.  Ex. Update the location of the WEBUI OpenTelemetry Java agent  tomcat.webui.startuptopts[-javaagent:* /opentelemetry-javaagent.jar]=\${tomcat.webui.base} /lib	Configuration indexers could only use a single trailing wildcard.	n/a
RFRD-12041	Added support for deploying Redis.	n/a	n/a
RFRD-12016	Add new <i>health</i> command to perform the same checks as <i>status</i> plus additional checks to validate the health of services.	n/a	n/a
RFRD-11980	Support for deploying and upgrading to Logi-Composer 25.	n/a	n/a
RFRD-11954	Platform API docs are migrated into the appropriate "java" or "progress" sub-directories of the webapp platform-api content directory, see " <i>yab config webapp-platform-api-content.service-api.dir</i> ".	Platform API docs were copied to the root of the webapp platform-api content directory, see " <i>yab config webapp-platform-api-content.service-api.dir</i> ".	This is a one time migration handled in a <i>yab update</i> or a <i>yab webapp-platform-api-update</i> .
RFRD-11948	Support PASOE instances with both HTTP and HTTPS connection protocols.	Did not support PASOE instances with both HTTP and HTTPS connection protocols.	n/a
RFRD-11935	Support Extension Build Services (EBS).	n/a	n/a
RFRD-11918	Automated workaround documented in <a href="https://team.qad.com/display/QSM/OpenEdge+12.8+Memory+Leak+Workaround+-+AC-11073">https://team.qad.com/display/QSM/OpenEdge+12.8+Memory+Leak+Workaround+-+AC-11073</a> when Openedge version is OE12 and less that OE12.8.	n/a	n/a
RFRD-11862	<i>data-xml-dump</i> will return "BUILD FAILED" when WHERE clause exceeds 255 boolean operators.	<i>data-xml-dump</i> did not return "BUILD FAILED" when WHERE clause exceeds 255 boolean operators.	n/a
RFRD-11854	SCP poller process is configured to use Java version 8 configuration, see <i>yab config java.v8.dir</i> . If <i>java.v8.dir</i> does not exist <i>java.dir</i> will be configured.	SCP poller process was configured to the default Java version, causing problems with Java 17 compatability.	n/a
RFRD-11844	Qxtend outbound services will wait until the Qxtend inbound webapp is up and running.	Qxtend outbound services did not wait until the Qxtend inbound webapp was up and running.	n/a

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RFRD-11756	The process "netui-pro-update" will execute if there are changes to .xml files in the customizations directory	The process "netui-pro-update" did not execute if there were only changes to .xml files in the customizations directory	n/a
RFRD-9768	Added support for "svg" process maps.	n/a	n/a

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## Bug Fixes Ticket List

Key	New Functionality	Prior Functionality	Customer T
RFRD-12226	Added a validation step to check whether the qxodb database exists before querying it.	QXO services errors were encountered when the qxodb database did not exist.	n/a
RFRD-12151	The CSS registry setting ConfiguratorWSURL is now configured with the value of the Configurator application server URL (pas.configurator.url)	The CSS registry setting ConfiguratorWSURL was configured with the value of the CSS application server URL (pas.qadcss.url) which was incorrect.	n/a
RFRD-12027	Avoid a second refresh mode request when processing an encrypted setting that references another setting that has not changed.	An encrypted setting that referenced another setting would result in two consecutive refresh mode requests.	n/a
RFRD-11937	A new property <i>audit.sec-granted-role.excluded.fields</i> has been introduced. This lists system fields introduced in OpenEdge 12 that will not be modified during auditing updates. See <i>yab config audit.sec-granted-role.excluded.fields</i> .	YAB did not exclude the new system fields introduced in OpenEdge 12, which caused errors during the auditing update process when these fields were modified.	n/a
RFRD-11790	The template scripts pas-start-stop.py and appserver-stop.py now validate whether the Operating System is Windows or Linux before setting the delimiter of the PATH.	The path was always using the semi-colon as a delimiter, regardless of the operating system.	n/a
RFRD-11713	When installing Channel Islands, if the user selects "n" when prompted if they wish to install QAD Adaptive ERP, the UI will give the option to change the answer or quit the installation.	When selecting "n" the build would fail straight away.	n/a
RFRD-4599	Added missing help documentation for several client-session.xml configuration properties, including: <ul style="list-style-type: none"><li>• authentication.activedirectory.enabled</li><li>• authentication.activedirectory.defaultdomain</li><li>• authentication.activedirectory.domains</li><li>• appserver.INSTANCE.connectionprotocol</li></ul> Users can now view descriptions for these properties using the yab help command.	Several client-session.xml configuration properties were missing help documentation, so their descriptions were not available through the yab help command.	n/a
RFRD-3374	Added help documentation for the configuration settings validation.host, validation.user, and system.user.	The configuration settings validation.host, validation.user, and system.user were available but did not have help documentation or descriptions accessible through the yab help command.	n/a

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## 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/
```