

# QAD Alerts Release Notes

## November 2022

These release notes include information about the latest QAD Alerts fixes and changes to QAD Alerts. These changes may affect the way you implement and use the product.

**Important** Review this document and the QAD Alerts errata *before* proceeding with any phase of a QAD Alerts implementation.

These release notes are cumulative, with the most recent changes described 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 Alerts release available. Check the QAD Web site to make sure that you have the latest QAD Alerts release notes, installation guide, and installation media:

<https://support.qad.com/>

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# Release Notes for Current Release, 1.4

**Version:** 1.4

**Date:** November 2022

## **Documentation:**

The following documents have been updated for this release: *QAD Alerts User Guide* (70-3094-1.4), *QAD Alerts Installation Guide* (78-0936-1.4).

## **New and Changed Features**

- There is a new web-based user interface for QAD Alerts. Users access the UI by opening the Alerts URL in the Chrome or Edge browser.
- There is no .NET UI plug-in.
- The Log4j vulnerabilities in early versions are addressed.

## **Dependency Changes**

- QAD Alerts now requires YAB 1.15.2+ for deployment.
- The web application requires Java 1.8 and Tomcat 7+.

## **Fixes**

None

# Release Notes for Release 1.3.4

**Version:** 1.3.4

**Date:** September 2021

**Documentation:** No documents were updated for this release.

## New and Changed Features

None

## Fixes

Issue Number	Fixes
WRK-319	QAD Alerts can now be installed to a secure OE12 environment. Previously, when QAD Alerts was configured in a secure OE12 environment, the yab update failed with the error "configure subscriber error: Problem Authenticating with Workflow."

# Release Notes for Release 1.3.3

**Version:** 1.3.3

**Date:** September 2019

## **Documentation:**

The following documents have been updated for this release: *QAD Alerts User Guide* (70-3094-1.3.3), *QAD Alerts Installation Guide* (78-0936-1.3.3).

## **New and Changed Features**

- QAD Alerts has been enhanced to work in SSL-enabled YAB environments.
- When a QAD Alerts database is created, two storage areas will also be created — “ALERTS” and “ALERTS\_IDX.” In addition, QAD Alerts tables and indexes will also be created using these storage areas.

## **Fixes**

<b>Issue Number</b>	<b>Fixes</b>
WRK-311	QAD Alerts now sends authenticate QDocs with plain, but hidden, passwords for authentication. No failed logon attempt will be logged by QADERP if a password is correct, and the password will never be seen in any QXtend log files.

# Release Notes for Release 1.3.2

**Version:** 1.3.2

**Date:** March 2015

## Documentation:

The following documents have been updated for this release: *QAD Alerts User Guide* (70-3094-1.3.2), *QAD Alerts Installation Guide* (78-0936-1.3.2).

## Deployment Changes

The deployment of Alerts Engine under Tomcat has been changed. Alerts can be deployed to Tomcat as a self-contained Java web application. The Java libraries and log files are now under `WEB-INF/lib` and `WEB-INF/logs` of the web application directory, instead of under `lib` and `logs` directories of Tomcat home. With this change, multiple instances of Alerts Engine can be installed to one Tomcat instance without causing conflicts.

To better support multiple-host installation, the installer has a new module *Alerts Reference Data* to include the routine to load data into the QAD database. Labels and messages can be loaded properly even when the Alerts .NET UI plug-in and the QAD EA database are installed on different hosts.

The installer also allows the user to specify a favorable host name in Alerts Database and Alerts Engine configurations if the host has multiple aliases.

In Alerts Engine configuration, the field *DB File Owner* in the QAD ERP Database panel is renamed as *DB Creator* to avoid user confusions. Enter the user name of the .db file creator for this field.

## Fixes

Issue Number	Fixes
WRK-252	Previously when the URL of the Alerts server was not defined in the <code>client-session.xml</code> file, the Alerts UI was blank without error messages. Now in this situation with .NET UI version 3.1, the system displays an error message to remind you to check the <code>client-session.xml</code> file settings.
WRK-270	Previously there was a <code>NullPointerException</code> exception when the installer was executed in console mode and using a local repository file. Now the problem is fixed.
WRK-271	Previously when the installation was on multiple hosts, there was a problem with the displayed installation summary. For example, Alerts Database was configured on Host A and other components were configured on Host B. When installing Alerts Database on Host A, the installation summary displayed all modules instead of just the Alerts Database module on Host-A. Now the problem is fixed; the installation summary displays properly.
WRK-274	Previously when the host name retrieved by the installer was different from the host name used by the user, <code>CrossDomainError</code> occurred when launching the Alerts menus. Now the system allows the user to specify a host name for Alerts Engine so the problem is avoided.
WRK-285	Now for Alerts subscriptions, the local part of the e-mail address can be all numbers without alphabetic characters. Previously, if the local part of the e-mail address contained numbers only, the system displayed an error of <code>Invalid email address</code> .

## Known Issue

Date and decimal formats in the Alerts UI are always associated with the user's country code that is defined in QAD Enterprise Applications. They do not change when the locale on the client Windows computer is changed.

# Release Notes for Release 1.3.1

**Version:** 1.3.1

**Date:** March 2013

**Documentation:**

*User Guide: QAD Alerts (70-3094-1.3.1); Installation Guide: QAD Alerts (78-0936-1.3.1)*

**Note** QAD Alerts supports the latest .NET Framework version (.NET 4), the latest OpenEdge version (OpenEdge 11), and the latest Tomcat version (Tomcat 7).

## New and Changed Features

### Installer Enhancement

The installer has been enhanced and now it is more robust and user friendly:

- In scenarios where database security is set up for the QAD Enterprise Applications database, the installer still works fine, with no need of workarounds.
- In Alerts installation, in addition to service name, now port number can be used for the QAD Enterprise Applications database.
- The installer checks the QAD Reference Architecture (QRA) version, which should be 1.1.130 or later. This helps to prevent authentication issues at run-time later on.
- Some parameters are regrouped to make the installer more user friendly and more visually effective.

### Fixes

- Previously when the Alerts installer sent the user name and password to QAD Enterprise Applications to check for user authentication, the password was not encoded. Now the password is encoded.
- Now QAD Alerts uses Atomikos 3.8, which fixes an Atomikos 3.6.5 problem of growing log size.
- Previously when a user logged in to the QAD .NET UI, the user password was not encoded. Now the password is encoded.
- Previously in Alerts Queue Monitor, for alert messages with ID greater than 1000, detailed content of the message could not be shown. Now all message contents can be displayed.

# Release Notes for Release 1.3

**Version:** 1.3

**Date:** September 2012

## Documentation Updates

The following documents have been updated for this release:

*User Guide: QAD Alerts (70-3094-1.3); Installation Guide: QAD Alerts (78-0936-1.3)*

## New and Changed Features

### Product Name Change

The product name has been changed from QAD Workflow Alerts to QAD Alerts.

### Tab Name Change

In Alert Maintenance, a tab name has been changed from Assign Users/Roles to Restrict Users/Roles, since the tab is used to restrict access to the alert rather than assigning the alert to selected users/roles.

### Installer Enhancement

The installer has been enhanced and now it is more robust and user friendly. Now during installation, the installer checks the following configurations:

- Active Maintenance license in QAD Enterprise Applications
- SQL service/port of the qaddb database
- QXtend Inbound availability
- User name and password for QAD Enterprise Applications
- E-mail settings

These configuration validations greatly help to prevent installation issues.

### Language Support

QAD Alerts now fully supports the following languages:

- English
- Castilian Spanish
- Latin Spanish
- Dutch
- French
- German
- Italian
- Japanese
- Korean

- Czech
- Polish
- Brazilian Portuguese
- Simplified Chinese
- Traditional Chinese

## Fixes

- Alerts can now send e-mail through an SMTP server that requires authentication.
- Previously, when Alerts was used with some early SE versions, an error about missing fields appeared when users tried to run any subscription maintenance function. Now Alerts can work properly with these SE versions.
- Previously, QXtend e-mail service was sometimes affected by Alerts and did not always work properly. This is fixed and now both QXtend and Alerts can send e-mail properly.

## Known Issues

- When the installer sends the user name and password to QAD Enterprise Applications to check for user authentication, the password in the request QDoc is not encoded and thus appears in the `qdocRequests.log` file of QXtend Inbound. If you do not want the password to be there, just manually remove it from the log file.
- If a user sets Alert Delay for an alert while the Maintain State option in the corresponding Alerts profile is not selected, alerts cannot be sent out. Therefore, if you use Alert Delay, make sure that the Maintain State option is selected in the corresponding Alerts profile. If you are not sure about the Maintain State option, check with the person who defined the Alerts profile.

# Release Notes for Release 1.2

**Version:** 1.2

**Date:** March 2011

**Related Documentation:** *User Guide: QAD Workflow Alerts (70-3094A)*, *Installation Guide: QAD Workflow Alerts (78-0936A)*

## New and Changed Features

### QXtend Outbound Enhancements

Event messages sent from QXtend Outbound to Workflow Alerts now contain event creation time and time zone information.

For QAD Enterprise Applications that run under Progress version 9, a new Time Zone field is available in QXtend Outbound Control.

### Proactive Date and Time-Based Alert and Subscription Conditions

You can now create alert and subscription conditions against date and date-time values that are monitored against data in the business event so that alerts can be proactively triggered before an important deadline is passed.

Alert messages containing the most current data are delivered when the planned send date/time arrives and the alert conditions are still satisfied.

### Date/Time-Based Alert Delay

For alert subscriptions, you can now define a time delay in days and hours that will have the system deliver alert messages not at the time the alert is triggered, but when the specified delay time has passed but the business event associated with the alert is still in a triggered state. You can use this feature to escalate alerts for certain exceptional events when corrective actions are not taken in a specified amount of time.

### Alert Queue Monitor

You can now use Alert Queue Monitor to monitor statuses of alert messages, view their detailed information as well as view the messages in HTML format. For failed and partially failed alert messages, you can also delete them or resend them to subscribers who failed to receive them.

**Note** Currently, Alert Queue Monitor only shows messages that are in the delivery queue waiting to be sent. Date/time-based proactive and delayed messages are not displayed at the moment.

### Simplified Deployment Model

This release of Workflow Alerts assumes a simplified deployment model that reduces the number of required components on the Tomcat server from three to one to reduce system resource consumption and improve system performance.

In the previous release, three components are required to be deployed on the Tomcat server for the application to run: OpenEJB, workflow-webservice, and workflow-server. From this release on, only the workflow-server component is required.

## Known Issues

- 1 Starting the QXtend Installer UI in X-Windows while using X-Windows clients (such as xterm) can make installer UI menu items difficult to select. This is a known environment-related issue with the Java X-Windows component. To work around it, use the Up and Down keys to make a selection.
- 2 In Alert Maintenance or Subscription Maintenance, when you quickly click the Refresh button multiple times, a script error window pops up. Just ignore the error and close the window.

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