



TIBCO EBX®

Release Notes

Version 5.10.0
July 2026

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Note: 5.10.0 has been built on July 10, 2026

Overview of 5.10.0

This release contains the following notable changes:

- Changes to application server support to modernize the architecture and address security vulnerabilities.
- Important changes to supported environments. For details, read the [Changes to supported environments](#) section.

Attention

Before upgrading an existing environment, read the [Version upgrade](#) section carefully.

Application servers

EBX® now supports Jakarta EE 10 or above. This change requires upgrades to several third party libraries, including Servlet 6.0 or greater, JSP 3.1 or greater, JMS 3.1 or greater, and Mail 2.1 or greater. See the links below for more information on requirements for specific components:

See [Module development](#), *Supported application servers*, *Java Message Service (JMS)*, *JMS for distributed data delivery (D3)*, *Installation notes* and [WebLogic AS support](#) for more information.

Java compile-time environment

EBX® source code is now compiled with JDK 17, and the Javadoc is generated with JDK 17. JRE 11 and 8 are no longer compatible. We recommend that you upgrade your JDK to a recent LTS version.

See *Supported application servers* for more information.

JVM support

EBX® now supports JRE 21 LTS and JRE 25 LTS.

Note

We recommend that you upgrade your JRE to Java 25 LTS version to take advantage of its performance improvements.

Version upgrade

In addition to the information in this release note, *5.10 Java API changes* provides the complete list of the Java API changes in this release.

Changes to supported environments

The *Supported environments* chapter has been updated to include the following required changes:

Browser support	Microsoft Internet Explorer 8 and 9 are no longer supported. For Mozilla Firefox, the support of ESR 52 has shifted to ESR 60.
JVM support	Starting with EBX® version 5.10.0 and later, you can use JRE 25. Use of one of the following Java Runtime Environment is required: JRE 17 LTS, JRE 21 LTS, or JRE 25 LTS.
Supported databases	Backward compatibility - SAP HANA as a back-end database engine for EBX® is discontinued as of this release; the inter-database migration provides a way to export the full content of a repository to another database. Oracle 21c (Innovative Release) is no longer supported; the required version for Oracle is now 19c or 23c. Minimum supported version of PostgreSQL is now 14. Minimum supported version of Microsoft SQL Server is now 2016. See <i>Inter-database migration</i> for more information.
Tomcat 11 support	Minimum supported version of Tomcat 11 is now 11.0.8.
WebLogic AS support	Currently, no version of WebLogic AS supports Jakarta EE 10. Please be aware that, according to Oracle's Statement of Direction, future WebLogic AS 26 might be compatible with EBX®. See <i>The Future of WebLogic Server and Coherence: Jakarta EE 11, JDK 25, and Version 26</i> for more information.

Backward compatibility

Module development	Developers of EBX® 5.10.0 onwards should be aware that, as a result of the move from Java EE to Jakarta EE, the primary package name for all implemented APIs has changed from <code>javax.*</code> to <code>jakarta.*</code> . This will almost certainly require code changes to enable modules or other libraries. An important point is to consider this migration as the first step toward compatibility with EBX® 6.2.x and later.
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How to upgrade an installed environment

To upgrade EBX®, perform the following steps:

1. Back up your repository, including the RDBMS and the `ebx.repository.directory` directory.
2. Replace the `*.war` and `ebx.jar` files on your application server.
3. Add the new required `ebx-ui.war` file in your EAR or on your application server. See *Java EE deployment* for more information.
4. Add the new main logging category, in the `ebx.properties` file, with the `ebx.log4j.category.log.restServices` property key. See *Configuring the EBX® logs* for more information.

Attention

Java types in `ebx.jar` are no longer obfuscated.

If using the EBX® add-ons, make sure that the version of the add-ons is compatible with EBX® version `{releaseNote.version}` before upgrading. For the backward compatibility of the add-ons themselves, refer to the release note of each add-on.

Once an EBX® repository has been used with this version, using it with a previous version is not supported. Consequently, a backup must be created before upgrading, as described above, in order to maintain the possibility of downgrading later.

5.10.0 Closed issues

Core Engine

CP-28405

An XML parsing exception occurs when using JRE 23 or newer.

CP-28732

A 'Wizard is disabled' log entry displays when accessing the UI.

This occurs when the property `ebx.install.enabled` is set to `true` and the license has expired.

Data Services

CP-27988

The `FastClasspathScanner` code should be migrated to `ClassGraph`.

CP-29812

The REST Toolkit service might not be blocked even if the EBX® repository is not yet installed.

Distributed Data Delivery

CP-28538

Data services operations in D3 replica nodes may fail during broadcast.

Documentation

CP-28780

The documentation should declare that setting Tomcat's `unpackWARs` to `false` is not supported.

User Interface

CP-29408

User services that use `UserServiceRecordFormFactory` are missing concurrent change detection.