



JasperReports® Server

Platform Support Guide Commercial Edition

Version 9.0.0 | January 2024

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Overview

This document contains a list of platforms that are supported in editions of the Jaspersoft Version product releases:

- JasperReports® Server 9.0
- Jaspersoft® Studio Pro 9.0
- JasperReports® IO Pro 4.0
- JasperReports® IO At-Scale 4.0
- JasperReports® Library 9.0
- JasperReports® Web Studio Pro 3.0

Support Policies

1. Certification Levels. Platforms denoted as “Certified” are fully tested and supported by Jaspersoft. Platforms denoted as “Compatible” may be either: partially tested, tested in past releases, or noted as upward compatible by the platform vendor.
2. Product issues must be reproduced on a Certified platform as listed in this document; otherwise Jaspersoft will offer “Guidance Level” support as defined below:
 - a. Jaspersoft Customer Support will log a case, collect the information and review it (without necessarily setting up the customer environment) to make educated suggestions as to what is happening and how to resolve the issue, but without any commitment to resolve the issue.
 - b. Support may choose to review customers’ configuration files or code snippets.
 - c. Support will provide information on the technology such as FAQs, helpful websites, documentation references, etc. Support may also include research of other avenues including consultation with Jaspersoft Engineering, Sales Engineering and Professional Services.

Application Servers

JasperReports® Server

Application Server	Version	JasperReports Server
Apache/Jakarta Tomcat	• 8.5.x	Compatible
Apache/Jakarta Tomcat	• 9.0.x	Certified
WildFly ¹	• 18 • 19	Certified
JBoss EAP	• 7.2	Certified
JBoss Web Server (JWS)	• 5.7.2	Certified
IBM WebSphere (WAS)	• 9.0.5.5	Certified
Oracle WebLogic Server ²	• 14.1.1.0	Certified

JasperReports® IO Pro

Application Server	Version
Jetty	10.0.14

¹Application Servers that run on Jakarta EE are not certified. For example, Tomcat 10+ or Wildfly 23+ are not certified.

²WebLogic 14.1.1.0 supports only Java 8 and 11.

JasperReports Web Studio Pro

Application Server	Version
Jetty	10.0.14

Web Browsers

Item	Version	Commercial
Mozilla Firefox	119 or higher	Certified
Microsoft Edge	120 or higher	Certified
Apple Safari	17 or higher (MacOS)	Certified
Google Chrome	120 or higher	Certified

Headless Browser

Item	OS	Version	JasperReports Server
Chromium ¹	<ul style="list-style-type: none">• MacOS• Linux• Windows	116 or higher	Certified

¹Auto-detection only works for Chrome/Chromium; A different path can be specified for Chrome/Chromium in the installer; To use another browser, such as Edge, set the path in the `js.config.properties` file.

Databases

The following table lists databases that are supported for:

- JasperReports® Server 9.0
- Jaspersoft® Studio Pro 9.0
- JasperReports® IO Pro 4.0
- JasperReports® Web Studio Pro 3.0

Database	Version	Type	Commercial
Bean			Certified
JNDI			Certified
Jaspersoft (Mondrian) Connection			Certified
XML/A Connection			Certified
Custom (e.g. Hibernate, XML, etc.)			Certified
MySQL	<ul style="list-style-type: none"> • 5.7.28 • 8.0¹ 	<ul style="list-style-type: none"> • Data Source • Repository 	Certified

¹MySQL 8.0 Native Driver is not supported on WebLogic for this release, but MariaDB 2.5.3 driver is supported.

Database	Version	Type	Commercial
Oracle RDBMS	<ul style="list-style-type: none"> • 19c 	<ul style="list-style-type: none"> • Data Source • Repository 	Certified
PostgreSQL	<ul style="list-style-type: none"> • 12 • 13 • 14 • 15 	<ul style="list-style-type: none"> • Data Source • Repository 	Certified
IBM DB2	<ul style="list-style-type: none"> • 11.5 	<ul style="list-style-type: none"> • Data Source • Repository 	Certified
Microsoft SQL Server	<ul style="list-style-type: none"> • 2016 • 2017 • 2019 	<ul style="list-style-type: none"> • Data Source • Repository 	Certified
Microsoft SQL Azure	<ul style="list-style-type: none"> • Latest 	Data Source	Certified
Snowflake		Data Source	Compatible
Sybase ASE	<ul style="list-style-type: none"> • 15.7 	Data Source	Certified
Sybase SQL Anywhere	<ul style="list-style-type: none"> • 17 	Data Source	Certified
ElasticSearch ¹	<ul style="list-style-type: none"> • 8.2.0 	Data Source	Certified
Neo4j	<ul style="list-style-type: none"> • 4.0.3 	Data Source	Certified

¹Refer to the JasperReports Server Release Notes for limitations with ElasticSearch.

Database	Version	Type	Commercial
Google BigQuery		Data Source	Certified
TIBCO Data Virtualization	<ul style="list-style-type: none"> • 8.8.x 	Data Source	Certified
AWS Athena ¹	<ul style="list-style-type: none"> • 2 • 3 	Data Source	Certified
AWS Redshift		Data Source	Certified
AWS RDS - PostgreSQL	<ul style="list-style-type: none"> • 12 • 13 • 14 • 15 	Data Source	Certified
REST API ²		Data Source	Compatible
Infobright		Data Source	Compatible only if the database complies to JDBC 2.1 and later standard.
Vertica		Data Source	Compatible only if the database complies to JDBC 2.1 and later standard.
Greenplum Database		Data Source	Compatible only if the database complies to JDBC 2.1 and later standard.
Ingres Vectorwise		Data Source	Compatible only if the database

¹Only databases under the default catalog (AwsDataCatalog) will be displayed.

²It is Compatible and tested only for Progress driver.

Database	Version	Type	Commercial
			complies to JDBC 2.1 and later standard.
Netezza		Data Source	Compatible only if the database complies to JDBC 2.1 and later standard.
Teradata		Data Source	Compatible only if the database complies to JDBC 2.1 and later standard.

Big Data Certified Support (JDBC Drivers)

The following table lists JDBC Drivers that are supported for:

- JasperReports® Server 9.0
- Jaspersoft® Studio Pro 9.0
- JasperReports® IO Pro 4.0
- JasperReports® Web Studio Pro 3.0

Data Source	Versions ¹	JasperReports Server
MongoDB	4.2.6	Compatible
	6.x	Compatible
Hive 2	CDH 5.3 - 5.7, 5.8 - 5.16, 6.0.x - 6.2.x HDP 2.3, 2.4, 2.5, 2.6, 3.0.1, 3.1.0	Certified

¹Virtual Connections are supported only on JasperReports Server (JRS)

Data Source	Versions ¹	JasperReports Server
Impala	2.6 - 3.20 (CDH 5.8 - 6.2.0)	Certified
Cassandra	3.0 - 3.11	Certified
Spark SQL	2.0 - 2.4.3	Certified
Salesforce		Certified
DataStax Enterprise	<ul style="list-style-type: none">• 6.0• 6.8	Compatible

JDBC/SQL Support Note

JasperReports Server data Domains (which dynamically generate queries) work with any JDBC 2.1 and SQL-92 or higher compliant data source.

¹Virtual Connections are supported only on JasperReports Server (JRS)

Operating Systems

All combinations of listed Operating Systems/App Servers/Databases are supported (where supported by third parties themselves). If a combination is not included in one of the installers, then the setup is documented and requires manual installation using a WAR file. WAR installation is supported for 64-bit versions (where available).

i Note: A Binary Installer is available for Windows, Linux, and Mac. The Binary Installer installs JasperReports Server, automatically configures the JasperReports Server database, and optionally installs the sample data for working with tutorials. It uses the Tomcat application server and the PostgreSQL database.

The Binary Installer is intended for evaluation purposes only. To install JasperReports Server for enterprise production environments, use the stand-alone WAR file distribution, which is the official JasperReports Server installer.

i Note: Note that after a release, Binary Installers are not updated with the latest versions of the third-party components, and therefore may contain components that can become insecure.

JasperReports Server/Jaspersoft Studio

Operating System	Version	JasperReports Server	Installation Method	Jaspersoft Studio
Microsoft Windows 64-bit (x86-64)	<ul style="list-style-type: none"> 10 (Professional, Enterprise) 11 2016 	Certified	Automated Installer for 64-bit bundled with Apache Tomcat App Server and	Certified for: 10, 11, 2016, 2019, Server 2022

Operating System	Version	JasperReports Server	Installation Method	Jaspersoft Studio
	<ul style="list-style-type: none"> • 2019 • Server 2022 		PostgreSQL Repository. Or Manual WAR File for 64-bit	
Red Hat Enterprise Linux (RHEL) (64-bit)	<ul style="list-style-type: none"> • 8.x • 9.x 	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.	Certified using Automatic Installer
Novell SUSE Linux Enterprise Server (SLES) (64-bit)	<ul style="list-style-type: none"> • 12.1 • 15 	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.	Certified using Automatic Installer
Apple MacOS	<ul style="list-style-type: none"> • 11.x 	Certified	Automated	Certified using

Operating System	Version	JasperReports Server	Installation Method	Jaspersoft Studio
	<ul style="list-style-type: none"> • 12.x • 13.x • 14.x 		Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.	Automatic Installer
Debian Linux	<ul style="list-style-type: none"> • 8 • 9 • 10 	Certified	Manual WAR File	Certified using Automatic Installer
CentOS	<ul style="list-style-type: none"> • 6.x • 7.x 	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File	Certified using Automatic Installer
Ubuntu	<ul style="list-style-type: none"> • 20.04 LTS • 22.04 LTS (only when deployed via buildomatic) 	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository.	Certified using Automatic Installer

Operating System	Version	JasperReports Server	Installation Method	Jaspersoft Studio
			Or Manual WAR File	
Amazon Linux	<ul style="list-style-type: none"> • Amazon Linux 2 • Amazon Linux 2023 	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository.	
			Or Manual WAR File	
Solaris SPARC	<ul style="list-style-type: none"> • 10 • 11 	Compatible	Manual WAR File	
Fedora	<ul style="list-style-type: none"> • 30 • 34 • 35 	Compatible	Manual WAR File	
FreeBSD	<ul style="list-style-type: none"> • 12 	Compatible	Manual WAR File	
IBM AIX	<ul style="list-style-type: none"> • 7.2 	Compatible	Manual WAR File	

JasperReports IO Pro/JasperReports Web Studio Pro

Operating System	Version	JasperReports IO Pro	JasperReports Web Studio Pro
Microsoft Windows 64-bit (x86-64)	<ul style="list-style-type: none"> • 10 (Professional, Enterprise) • 11 • 2016 • 2019 • Server 2022 	Certified	Certified for Server 2022
Red Hat Enterprise Linux (RHEL) (64-bit)	<ul style="list-style-type: none"> • 8.x • 9.x 	Certified	Certified
Novell SUSE Linux Enterprise Server (SLES) (64-bit)	<ul style="list-style-type: none"> • 12.1 • 15 	Certified	Certified
Apple MacOS X	<ul style="list-style-type: none"> • 11.x • 12.x • 13.x • 14.x 	Certified	Certified
Debian Linux	<ul style="list-style-type: none"> • 8 • 9 • 10 	Certified	Certified
CentOS	<ul style="list-style-type: none"> • 6.x 	Certified	Certified

Operating System	Version	JasperReports IO Pro	JasperReports Web Studio Pro
	<ul style="list-style-type: none">• 7.x		
Ubuntu	<ul style="list-style-type: none">• 20.04 LTS• 22.04 LTS (only when deployed via buildomatic)	Certified	Certified
Amazon Linux	<ul style="list-style-type: none">• Amazon Linux 2• Amazon Linux 2023	Certified	Certified

Deployments

JasperReports Server is supported on the following platforms.

Platform	Version	JasperReports Server	JasperReports IO At-Scale
Docker	<ul style="list-style-type: none"> • 20.10.x • 23.0 • 24.0 	Certified	Certified
Kubernetes	<ul style="list-style-type: none"> • 1.25.x+ 	Certified	Certified

Jaspersoft products are compatible with various deployment platforms that support Docker and Kubernetes engines. For example, the compatibility has been confirmed on platforms such as AWS ECS, AWS EKS, Azure EKS, and Openshift. While these platforms have been tested and verified, Jaspersoft products can also be deployed on other platforms that work with Docker and Kubernetes engines.

Detailed information on Docker or Kubernetes deployments can be found in the Jaspersoft Docker Repository, accessible at <https://github.com/TIBCOSoftware/js-docker>.

Supported Docker Images

Image	JasperReports Server	JasperReports IO Pro	JasperReports IO At-Scale
adoptopenjdk/openjdk11:jre-11.0.8_10-alpine		Certified	Certified
tomcat:9.0.73-jdk11-openjdk	Certified		
tomcat:9.0.73-jdk17-temurin			

Image	JasperReports Server	JasperReports IO Pro	JasperReports IO At-Scale
tomcat:9.0.73-jdk11-corretto tomcat:9.0.73-jdk17-corretto	Certified		
openjdk:11-jdk eclipse-temurin:17-jdk	Certified, required for buildomatic image		
amazoncorretto:11 amazoncorretto:17	Certified, required for buildomatic image		

Java Virtual Machines (JVM)

JDK / JRE Version	Version	JasperReports Server	Jaspersoft Studio	JasperReports IO Pro	JasperReports Web Studio Pro
Oracle/Sun Java JDK / JRE (64-bit)	<ul style="list-style-type: none"> 8 (minimum required version 1.8.0_163) 11¹ 17² 	Certified			
IBM Java JDK / JRE (for WebSphere) (64-bit)	<ul style="list-style-type: none"> 8.0 	Certified			
Eclipse Adoptium (formerly AdoptOpenJDK) <ul style="list-style-type: none"> Oracle OpenJDK 11 Eclipse OpenJ9³ <ul style="list-style-type: none"> HotSpot Corretto4 	<ul style="list-style-type: none"> 8 11⁵ 17⁶ 	Certified	Certified for OpenJDK 11	Certified for Java 11 ⁷	Certified for Java 11 ⁸

¹Supported in runtime, for source build use Java 8 compatibility mode of JDK 11 (source and target).

²Supported only in runtime, and when JasperReports Server is deployed on Tomcat 9.0.x.

³Formerly Adopt OpenJDK 11 for IBM J9, now called Eclipse OpenJ9. OpenJ9 is a source -only distribution from Eclipse; also available for download from IBM.

⁴Only supported in JasperReports Server Cloud installations

⁵Supported in runtime, for source build use Java 8 compatibility mode of JDK 11 (source and target).

⁶Supported only in runtime, and when JasperReports Server is deployed on Tomcat 9.0.x.

⁷Eclipse OpenJ9 Java 11 is supported by JRIO Pro.

⁸Eclipse OpenJ9 Java 11 is supported by JRWS Pro.

Jaspersoft ETL (Version 8.0.x)

Application	Version	Commercial
Apache Tomcat	9.0 ¹	Recommended
Pivotal tc Server	4.1	Supported

¹TLS 1.2 is supported. For more information, see <https://tomcat.apache.org/tomcat-9.0-doc/ssl-howto.html>

ECCN Numbers

Refer to the link below to get the ECCN numbers of all Cloud Software Group, Inc. products including Jaspersoft:

[ECCN List](#)

Language Support

JasperReports Server includes bundles for the following languages:

- English
- French
- German
- Spanish
- Brazilian Portuguese
- Italian
- Japanese
- Simplified Chinese

Jaspersoft Studio can be run in the following languages:

- English
- Italian

Jaspersoft Documentation and Support Services

For information about this product, you can read the documentation, contact Support, and join Jaspersoft Community.

How to Access Jaspersoft Documentation

Documentation for Jaspersoft products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for this product is available on the [JasperReports® Server Product Documentation](#) page.

How to Access Related Third-Party Documentation

When working with JasperReports® Server, you may find it useful to read the documentation of the following third-party products:

How to Contact Support for Jaspersoft Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request one by clicking **Register** on the website.

How to Join Jaspersoft Community

Jaspersoft Community is the official channel for Jaspersoft customers, partners, and employee subject matter experts to share and access their collective experience. Jaspersoft Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from Jaspersoft products. In addition, users can submit and vote on feature requests from within the [Jaspersoft Ideas Portal](#). For a free registration, go to [Jaspersoft Community](#).

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