



OpenJDK vs Oracle JDK - Comparison Table

**Confused by all the changes in the Java roadmap?
We've summarized your JDK options here.**

The changes in Java's release cadence and the disappearance of free quarterly updates from Oracle for older Java versions have resulted in various new JDK options for the Java community. The table below provides a comparison of these JDK options: the top half of the table outlines the features and capabilities of various builds of both open and closed-source JDKs, and the bottom highlights differences between the commercial support offerings from Azul and other vendors.



Products & Features

Java Offerings for the Enterprise	Azul Platform Core	Oracle Java SE	Amazon Corretto	Red Hat OpenJDK	Adopt
Based on OpenJDK	●	●	●	●	●
100% Open Source, freely available, no field of use restrictions	●	○	●	●	●
TCK Tested (guaranteed Java SE compliance)	●	●	●	●	○
Patent Grant (inherited patent rights to use the JDK)	●	●	●	●	○
Free Quarterly Updates (single build combining security & enhancements)	●	○	●	●	●
Performance Parity with Oracle Java SE	●	●	●	●	●
Multi-platform (Windows, Linux, macOS, Solaris)	●	●	◐	◐	●
Native Alpine Linux (musl libc)	●	○	○	○	○
Multiple Installers & Packages (tar, deb, MSI, DMG, JDK/JREs)	●	◐	◐	◐	●
Repos and Updates via yum & apt-get	●	○	●	●	●
Java Flight Recorder and Mission Control (for Java 8)	●	●	○	○	○
OpenJFX (JavaFX)	●	●	◐	○	○
LTS (Java 8, 11, ...)* and Features Releases (Java 12, 13, 14, ...)	●	●	◐	◐	●
Java 7 Support	●	●	○	◐	○
32-bit Support	●	●	○	●	◐
Java Web Start and Applets	◐	●	○	◐	○

Commercial Support Services

Java Offerings for the Enterprise	Azul Platform Core	Oracle Java SE	Amazon Corretto	Red Hat OpenJDK	Adopt
Wide variety of Support Platforms and Environments	●	●	◐ (AWS only)	◐ (RHEL/Windows only)	○
24x7x365 Support (1-hour SLA)	●	○	●	●	○
SLA for Quarterly Updates (guaranteed timely access)	●	●	○	◐	○
Security-only Quarterly Updates (fit for urgent deployment)	●	●	○	○	○
Out-of-cycle Critical Fixes (independent from OpenJDK)	●	○	◐	●	○
Commercial Support Production Lifecycle	9+ Years	5 Years (+3 Years Extended)	6 Years	6 Years	○
Advanced Product Enhancements (e.g. Fonts, JFR, TLS 1.3, FX)	●	◐	◐	○	○
Dedicated Global Java Support Team	●	◐	○	◐	○
Engineering capacity to root-cause & fix bugs (independent from OpenJDK)	●	●	○	◐	○
Patent and Non-Contamination Indemnification	●	○	○	◐	○
Non-Contamination Certifications and Source Code "Cleansing"	●	N/A	○	○	○
Commercial "MTS" Support for Java 13, 15, ...	●	○	○	○	○

Azul has been making free Zulu builds of OpenJDK available to the Java community since 2014, and Zulu is being used in tens of millions of servers and devices today.

Azul's world-class Zulu Enterprise and Zulu Embedded support offerings provide SLA commitments for security updates and bug fixes and also incorporate specific additions that include full support for Flight Recorder and Mission Control for both Java 8 and 11, plus industry-leading IP protection and license verification.

For additional information regarding Zulu builds of OpenJDK and commercial support offerings, please contact an Azul OpenJDK specialist today.

***Important note:** *if your business depends on production support for Java 7 or Java 6, Learn more about your options.*