



OpenJDK for Linux & Windows

Java Support in Production & Transition from Proprietary Java

A path forward for production Java applications with Red Hat

By Fierce Software, a Red Hat Public Sector Specialized Partner



Red Hat

About this Document

In June 2018, Oracle announced that after January 2019, commercial users of Oracle JDK will need to purchase an Oracle support contract in order to continue to receive updates. Oracle also changed its licensing so that any commercial production usage of Oracle JDK, starting with version 11, will require an active Oracle support contract.

This document will guide you through the uncertainty and additional financial burden this decision by Oracle has brought.

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THE CHANGING JAVA LANDSCAPE

As of January 2019, Oracle has announced that Java SE public updates will no longer be available for “Business, Commercial, or Production use” without a commercial license.

WHO WILL BE AFFECTED BY THESE CHANGES?

All commercial Java users, not just legacy Oracle customers, will be impacted by this change.

KEY BENEFITS OF RED HAT OPENJDK

- Sustainable & driven by the Open-Source community
- Included in every Red Hat Enterprise Linux and Red Hat Middleware subscription
- A more cost-effective and transparent subscription model
- Support for Linux and Windows Servers and Workstations

Java has been one of the key technologies in the enterprise for decades and it is relied upon for the flexible and extendible architecture that can scale across almost any device or platform. It has a vibrant Open-Source community that spans across the entire planet. [a](#)

Oracle has recently brought instability and uncertainty to the Java ecosystem with their new non-open-source licensing model which has many Java users evaluating their needs and their increasing reliance on Oracle.

Commercial users of Oracle JDK will need to purchase an Oracle support contract in order to continue to receive updates and be properly compliant & licensed in non-development environments.

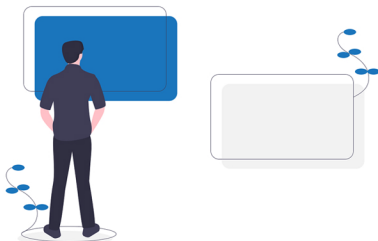
RED HAT OPENJDK FOR LINUX AND WINDOWS

As many organizations rely on Red Hat Enterprise Linux for their workloads on-premise and in the cloud, Red Hat is uniquely positioned to aid customers with these new volatile licensing models set by Oracle.

For nearly a decade, enterprises have benefited from using Red Hat's supported OpenJDK that is included in every Red Hat Enterprise Linux and Red Hat Middleware subscription. In addition, Red Hat launched a supported Red Hat build of OpenJDK for Windows Servers and Workstations that is available as a subscription.

Customers who currently run Java applications using OpenJDK on Red Hat Enterprise Linux or with a Red Hat Middleware subscription are already fully covered and compliant.

Those who are not currently using OpenJDK or require Java support for Windows workloads have a series of crucial decisions to make around the use of Java in their environments in order to stay compliant under the new Oracle Java non-open-source licensing model.





THE COST OF ORACLE JAVA

Processor-based for Servers



+



+



=



Oracle Licensed
Server

Cores Per Server

Oracle Processor
Core Factor

Processor Licenses
Required

Named User Plus-based for Workstations



+



=



Count of Desktops, Laptops
and Workstations

NUP Licenses
Required



MIGRATING TO OPENJDK

1

Take an inventory of Java applications, systems and users in your environment

2

Assess the level of effort needed to migrate with the Red Hat Application Migration Toolkit

3

Redeploy as part of your natural update process

Learn more at
go.fiercesw.com/sl/rhamt



NEXT STEPS

Navigating the new non-open-source licensing and subscription model Oracle opted for can be difficult to do while maintaining compliance. **Migrating to OpenJDK is easier.**

Say “No” to vendor lock-in.

As Red Hat is prolific in the supported enterprise, customers have the benefit of being supported on OpenJDK at no cost to them, with their current Red Hat Enterprise Linux and Red Hat Middleware subscriptions.

Transitioning your applications from Oracle Java to OpenJDK can be easy but must be done in a strategic manner. Thankfully you can rely on the experts from Red Hat to guide you through this migration period.

Contact your Red Hat Account Manager today, or reach out to your Red Hat specialized partner, Fierce Software, for additional information and to explore your available options.

RESOURCES

Fierce Software - Partners - Red Hat

Red Hat related hosted resource on the Fierce Software site
<https://go.fiercesw.com/sl/red-hat-openjdk>

Red Hat OpenJDK Life Cycle and Support Policy

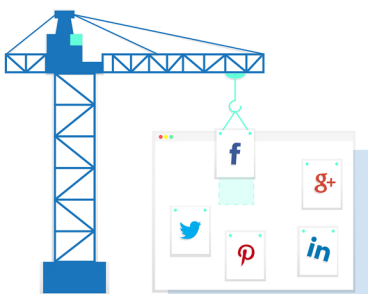
Entitlements and lifecycle specifications for the Red Hat OpenJDK product subscription
<https://access.redhat.com/articles/1299013>

Red Hat Application Migration Toolkit

Determine level-of-effort needed for migration and modernization
<https://developers.redhat.com/products/rhamt>

About Fierce Software

Fierce Software is a small, woman-owned business that specializes in enterprise Open-Source solutions. We focus on a set of complimentary technologies from industry leading vendors, with verticals in Secure Platforms, Devops, and Data Analytics.



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