UNLOCK THE FULL POTENTIAL OF SPRING BOOT 3.2.x/3.2+

- **Unify Your Java™ Stack:** Liberica JDK provides comprehensive support for all LTS versions, as well as compatibility with GraalVM & CRaC.

- **Deploy Containers:** Utilize tested and TCK-verified containers for Java applications with Alpaquita Linux and Liberica JDK Lite that enable developers to save up to 30% of RAM.

- **Achieve Near-Zero Startup Time:** Reduce startup and warm-up times of Java workloads to near zero with CRaC and GraalVM, achieving predictable scalability.

LIBERICA JDK: THE MOST COMPLETE JAVA EXPERIENCE

A fully supported, 100% open-source distribution of OpenJDK tailored to meet all your Java requirements. Recommended by Spring and trusted by leading ISVs like JetBrains and VMware.

SUPPORT FOR LEGACY JDK 6 & 7

JVM 17 PERFORMANCE FOR PROJECTS ON JDK 8 AND 11

BUILDS WITH OPENJFX FOR DESKTOP APPS

LTS VERSIONS 8, 11, 17, 21

WIDEST RANGE OF SUPPORTED PLATFORMS

GRAALVM AND CRAC SUPPORT

ALPAQUITA LINUX: THE ONLY LINUX DISTRIBUTION OPTIMIZED FOR JAVA DEVELOPMENTS

LIGHTWEIGHT

Small base image size of 3.56 MB

FLEXIBLE
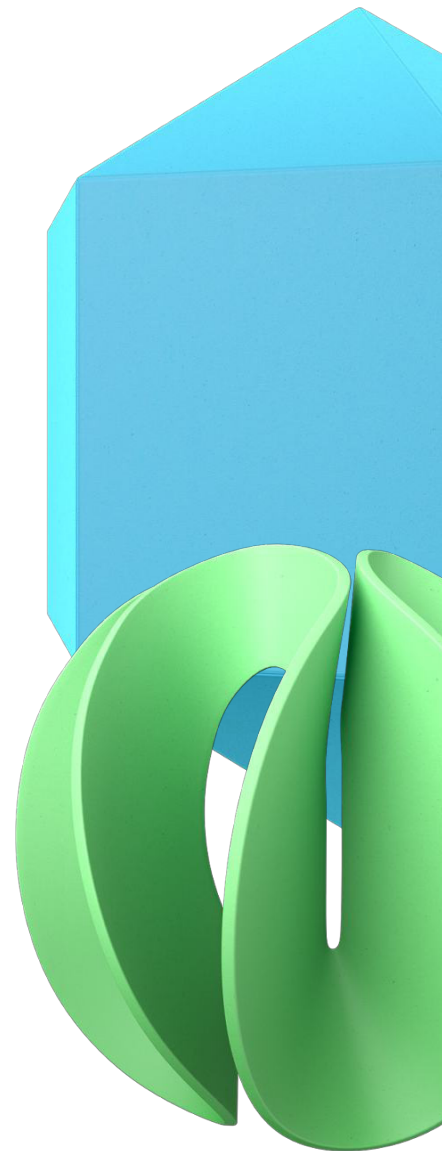
Four mallocs, two libc: optimized musl and glibc

VENDOR-BACKED

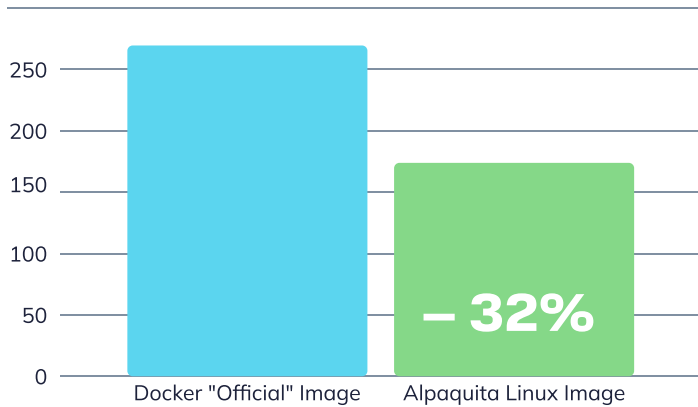Developed and supported by a company

SECURE

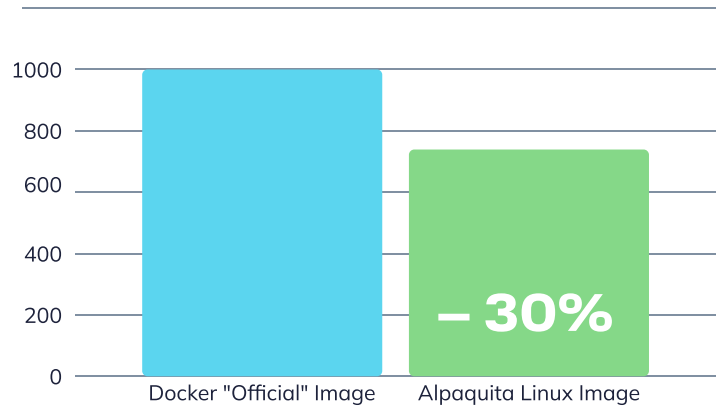Regular updates both for Linux-based OS and JDK

MAINTAIN A HIGH LEVEL OF SECURITY WITH ALPAQUITA CONTAINERS

BellSoft offers tested and TCK-verified containers for Java applications with Alpaquita Linux and Liberica JDK Lite, enabling developers to save up to 30% of RAM. Quarterly updates for JDK and continuous updates for Alpaquita ensure up-to-date images without known CVEs every time you rebuild your container.

IMAGE SIZE

Mb

250	
200	
150	
100	
50	− 32%
0	

Docker "Official" Image   Alpaquita Linux Image

RAM CONSUMPTION

Mb

1000	
800	
600	
400	
200	− 30%
0	

Docker "Official" Image   Alpaquita Linux Image

BUILDPACKS FOR AUTOMATED CONTAINERIZATION

Paketo buildpacks with Alpaquita and Liberica JDK integrate seamlessly into your workflow and enable you to accelerate CI without sacrificing container size.

HIGHER AVAILABILITY AT LOWER COSTS FOR JAVA

Reduce startup and warm-up times of Java workloads to near zero, achieving predictable scalability and cost-effectiveness.

CRaC Support

We provide ready-made containers with support for Coordinated Restore at Checkpoint (CRaC) API, enabling developers to pause a running Java application, save it to a file, replicate the file among instances, and then restore the application's state from the moment it was paused. This achieves peak performance right from the start.

Liberica Native Image Kit

BellSoft provides Liberica Native Image Kit (NIK), a GraalVM CE-based SDK for converting a Java application into a fully compiled native executable ahead of time under the "closed world" assumption. Native executable starts up almost instantly and demonstrates consistent performance.

WANT TO FIND OUT MORE? | CONTACT US!

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