bellsoft

ENTERPRISE LINUX FOR CONTAINERS

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

THE ONLY LINUX DISTRIBUTION OPTIMIZED FOR JAVA WORKLOADS:

- Developed and supported by BellSoft, the developer of Alpine Linux Port and a major OpenJDK contributor.
- 100% open-source and fully compatible with Alpine Linux.
- Features kernel and userspace optimizations for enhanced performance and security.
- Seamlessly integrates with GraalVM Native Image and the OpenJDK CRaC API.
- Comes with a transparent End-User License Agreement (EULA).
- Provides enterprise LTS support, with security advisories and 24/7 service.

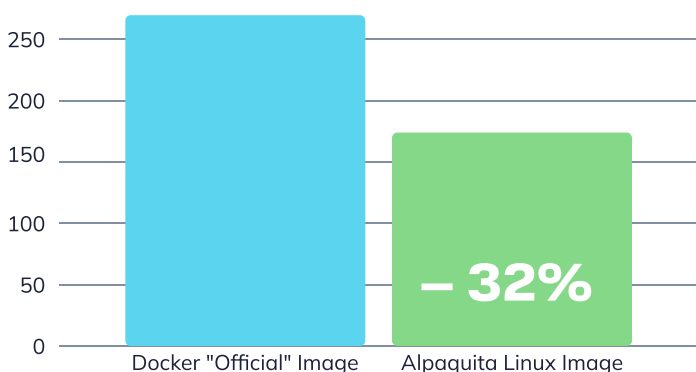## PRODUCTION-READY CONTAINERS FROM A RECOGNISED VENDOR

BellSoft offers tested and TCK-verified containers for Java applications with Alpaquita Linux and Liberica JDK Lite that enable the developers to save up to 30% of RAM.

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.
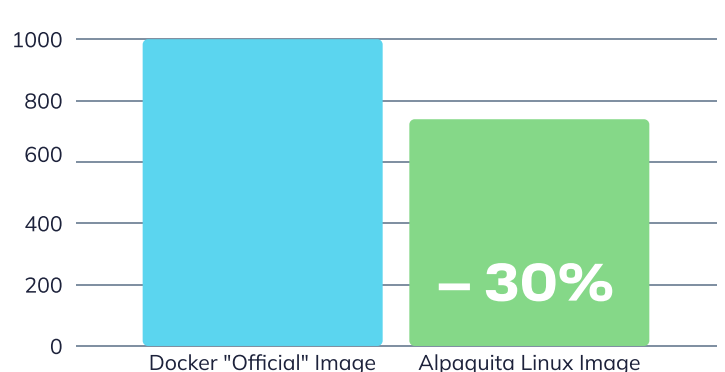
IMAGE SIZE
Mb

Docker "Official" Image	Alpaquita Linux Image − 32%

RAM CONSUMPTION
Mb

Docker "Official" Image	Alpaquita Linux Image − 30%

SMALL & SECURE LAYER FOR CONTAINERS

Alpaquita images are continuously updated with security patches. This means that you will have an up-to-date base layer every time you build a container.

PACKAGE DOWNGRADE SUPPORT

You can downgrade the version of any package in Alpaquita if required.

SECURITY ADVISORY

A Security Advisory helps you to stay aware of the recently discovered CVEs or check the state of previous library versions if you want to downgrade a package.

TWO TYPES OF RELEASES

- Rolling release of Alpaquita Stream with continuous updates
- Stable LTS releases with 4 years of support

MULTIPLE DELIVERY CHANNELS

- ISO distribution, mini rootfs tarball, WSL image
- APK (Alpine Package Keeper) repository providing upgrades. APK utility is improved to support the new features
- Docker Hub repositories with pre-built images, including base image, Liberica Runtime Container, Liberica NIK image, GCC image, and Python image

Alpaquita vs. Alpine: Same size but with additional benefits

FEATURE	ALPAQUITA	ALPINE
Free for Commercial and Production Use	✚	✚
Enterprise Support with SLA	✚	▬
Long Term Support Period	4 years	N/A
glibc Support	✚	▬
Optimized Performance	musl def / musf perf	musl def
Production-ready Java Containers	✚	▬
CRaC Support	✚	▬
GraalVM Support	✚	▬
Secure Boot	✚	▬

WANT TO FIND OUT MORE? | CONTACT US!

bell-sw.com

◎ 111 North Market Street, Suite 300, San Jose, CA 95113

☎ +1 (702) 2135959

✉ info@bell-sw.com