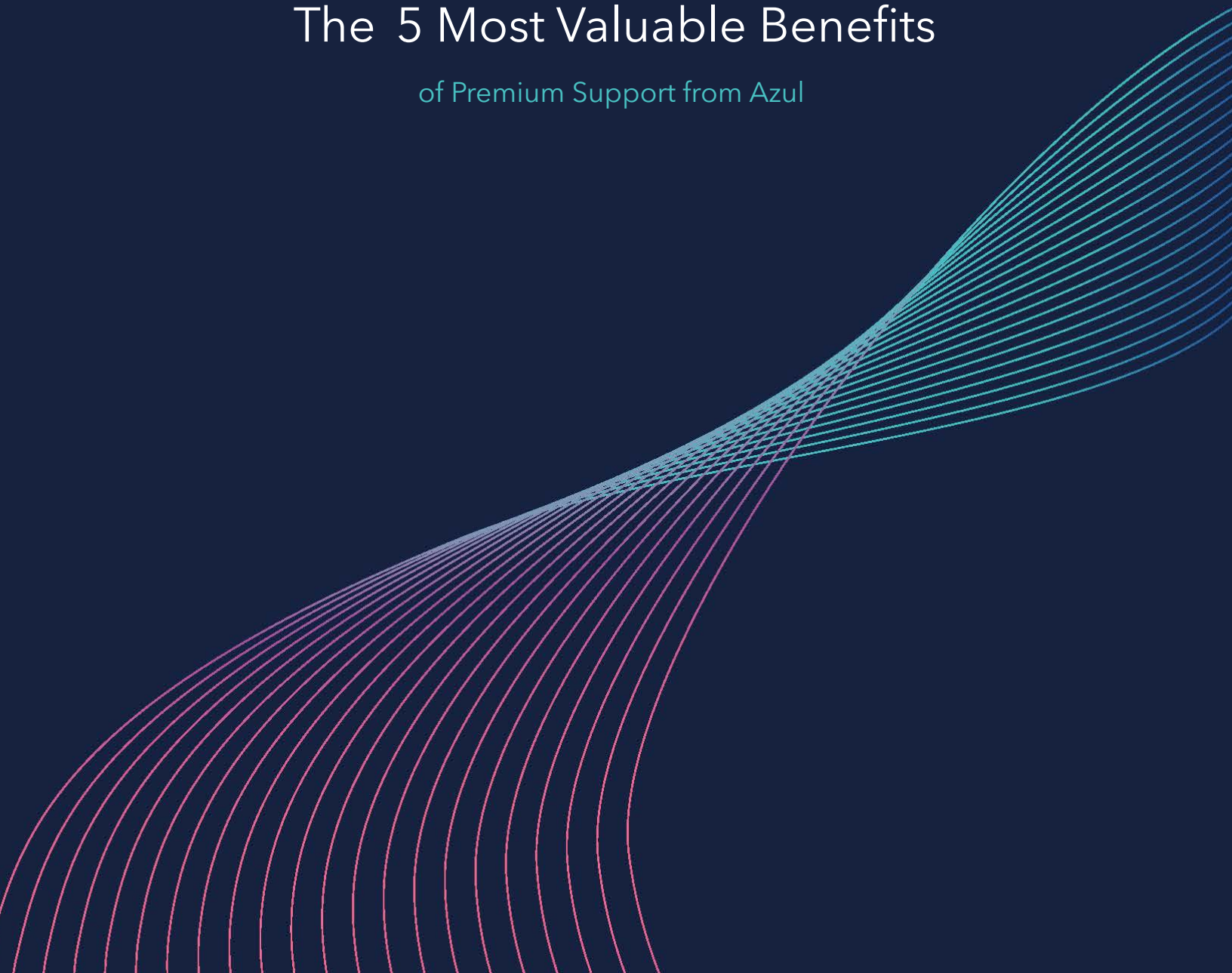


**azul**

# **Commercial Support for OpenJDK**

The 5 Most Valuable Benefits  
of Premium Support from Azul



# Do you need commercial support for OpenJDK?

As an open-source project, OpenJDK source code is available to anyone who wants to roll up their sleeves and build the Java Virtual Machines they need to run their Java apps and infrastructure.

Organizations like Azul also offer free, certified software builds of OpenJDK that are updated every quarter.

Using free builds in development and/or testing environments can help IT organizations economize.

But commercial support is essential for organizations who must ensure the security and stability of mission-critical apps in production. Commercial support can also be indispensable for enterprises that are required to comply with a range of industry-specific regulations and governmental mandates.

Commercial support goes far beyond build availability to focus holistically on the health of Java estates – from the stability and security of all apps and infrastructure to application triage, IP protection, and performance.



# The 5 Most Valuable Benefits of Commercial Support for OpenJDK

## 1

### Security Readiness.

Curated builds with security-only fixes are delivered on a firm SLA after the Open Vulnerability Group lifts the embargo and details about new Common Vulnerabilities and Exposures (CVEs) become public.

**99%**

of new CVEs affecting builds of OpenJDK can be exploited without privileges

**98%**

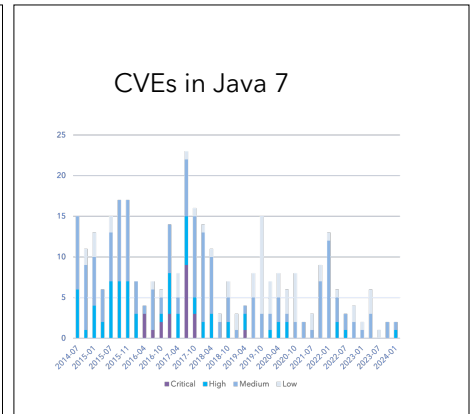
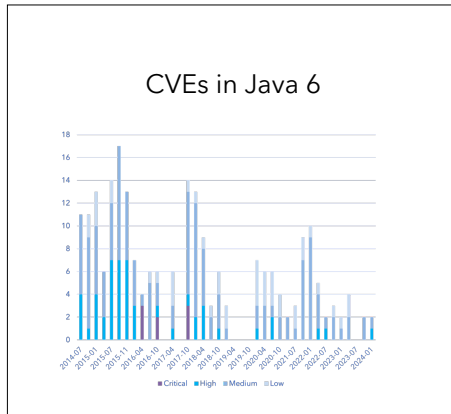
of new CVEs affecting builds of OpenJDK can be remotely exploited

**40%**

of attacks using new vulnerabilities affecting builds of OpenJDK are considered to be of low complexity

### Readiness matters

as much for applications built on recently released versions like Java 21 as for older versions. New CVEs continue to be reported in Java 6 and 7.



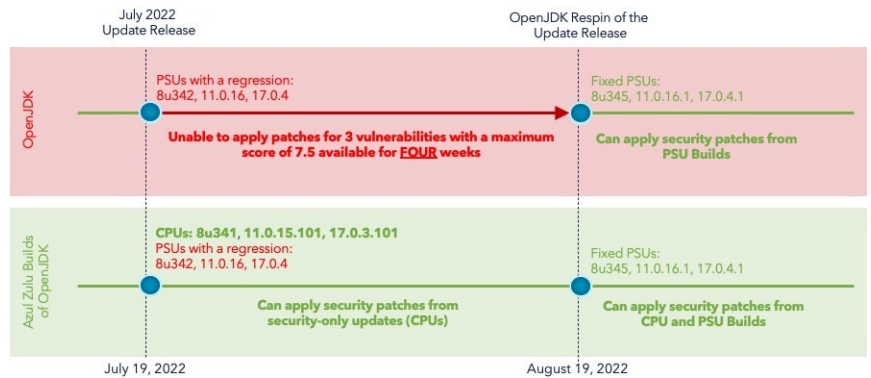
## 2

### Security + Uptime.

One of the challenges of maintaining Java applications and infrastructure is the tradeoff between security and uptime that occurs in roughly one in every three updates.

OpenJDK updates typically contain more than 200 changes, including bug fixes, enhancements and around a dozen security patches. In the past few years, one out of three updates has created a serious issue that prevented the update from being deployed. At the same time, one in every two updates has contained a fix for a high-severity vulnerability.

When these scenarios collide, organizations are exposed to attackers. This happened with the July 2022 update release. Organizations were unable to apply patches for three vulnerabilities with a maximum score of 7.5 for FOUR weeks.



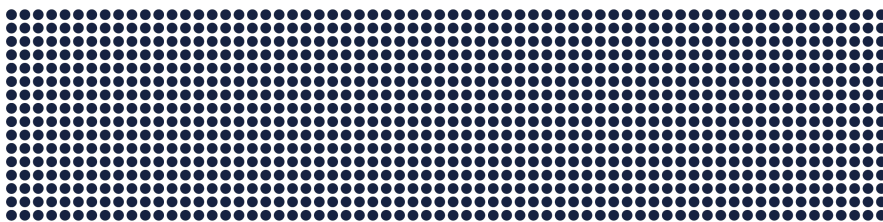
Organizations that relied on Azul for commercial support and who updated to curated builds with security-only fixes were not affected. To date, curated builds, known as Critical Patch Updates, have not experienced a regression.

# The 5 Most Valuable Benefits of Commercial Support for OpenJDK

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## No application left unsupported.

Enterprise applications typically run on a variety of Java versions, platforms, and configurations. There are well over 1,600 possible binaries if you only consider LTS versions for the most popular Linux, Windows and macOS operating systems for 32-bit and 64-bit x86 and ARM architectures and for just the JDKs and JREs delivered in the most popular file types. But free distributions typically offer only around a dozen build configurations. Commercial support ensures you have the builds you need to update all your applications, regardless of version, platform or architecture.



1600 black dots represent approximately the number of builds Azul produces for its customers every quarter, spanning the most architectures, configurations, and platforms of any provider



12 yellow dots represent the number of builds free or bundled distributions typically produce each quarter.

4

## Engineering agility.

From root-cause analysis to performance tuning, Azul support engineers function as an extension of your team, combining our decades of Java expertise with yours to accelerate project delivery and issue resolution and lower your compute costs.

Our globally distributed team provides L1/L2 support in a follow-the-sun model and routinely comes through with bug fixes and production issue workarounds, including out-of-cycle patches.

5

## IP Protection.

Open-source software is a powerful accelerant to DevOps and engineering teams. But building on open-source code can impose new license requirements on your software, including a requirement to share your source code. Azul scans every source file in every build to ensure customers are protected from contaminating code that would impose open-source license requirements on customer software.

## In Summary:

The benefits of commercial support begin with reliable builds and the timely delivery of security fixes, but they extend well past that.

Commercial support provides assurance that all your Java applications and infrastructure, regardless of Java version, operating system, chip architecture, delivery format or packaging preference will perform as expected – or better – and without exposing your organization to unnecessary risk.

“Azul provides a well-supported, reliable and secure Java JDK and runtime that we use in many of SAS Institute’s products and solutions. The satisfaction of thousands of SAS customers demonstrates the quality of the Azul Core Builds of OpenJDK and Azul as a great Java support partner.”

**Sam Penfold**  
Project Manager



“It’s been surprisingly amazing working with Azul. They’re always very responsive when I do need some help, and one of the great things is that the support team has helped me find bugs in other people’s software.”

**Ted Boehm**  
Chief Platform Architect



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# A Small Sampling of the Businesses that Run on Azul

TECHNOLOGY	FINANCE	CONSUMER	RETAIL	TELCO	HEALTHCARE	AUTOMOTIVE / AEROSPACE
						
						
						
						
						
						
						
						
						
						
36% of the Fortune 100		50% of Forbes Top 10 World's Most Valuable Brands		100% of the World's Top 10 Trading Companies		

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