Zulu Enterprise: Fully-Supported Builds of OpenJDK™

Open Source Java Standard Edition for Linux, Windows, and Mac OS X

ZULU BENEFITS

› **Free and open source Java** Zulu Enterprise is based on Zulu, Azul's freely available build of OpenJDK, a 100% open source implementation of the Java Platform, Standard Edition (Java SE).

› **10-year Java SE lifetime** Major Zulu Enterprise releases are supported for at least ten years after their general availability, providing more stability and control for your business.

› **Free to download and Use, without restrictions** Binary distributions of Zulu are available from the Azul website and Azul repositories, and readily and easily integrate into your development and production processes

› **Fully supported by Azul Systems** With cost-effective, tiered Support options. Azul's globally distributed team has over 10 years' experience supporting mission-critical Java deployments.

› **Unique additional options** Including Application Guard and dedicated Technical Account Managers.

INTRODUCING ZULU AND ZULU® ENTERPRISE

Zulu and Zulu Enterprise are fully certified and 100% open source Java Development Kits (JDK) for all Java development and production workloads. Zulu binaries are free to download and use without restriction and are based on source code from the OpenJDK project (openjdk.java.net). Zulu builds are designed to allow companies to leverage the latest advances in Java SE (Standard Edition) for all Java-centric use cases. With extended support for multiple Java versions (e.g. 6, 7 and 8), Zulu Enterprise is ideal for organizations and businesses that require regular Java updates (e.g. bug fixes and security patches), including support for older or end-of-life versions of Java (e.g. Java 6). Zulu is highly flexible and supports multiple operating systems (Windows, Linux, Mac OS X), CPU architectures (x86, ARM, PPC), bitness (32-or 64-bit), Java patch levels (8u131), and disk and memory sizes (since Compact profiles are part of many containerization strategies).

ZULU ENTERPRISE IS OPEN SOURCE JAVA

Each Zulu binary is verified compliant with the Java SE specifications using the OpenJDK Community Technology Compatibility Kit (TCK) licensed from Oracle. The TCK is a suite of more than 100K unit tests which ensure that each binary build of OpenJDK meets all the specifications of the individual JSRs (Java Specification Requests) for a given version of Java SE (e.g. Java 7). Zulu and Zulu Enterprise binaries carry additional intellectual property (IP) rights granted by passing the TCKs as defined by the Java Specification Participation Agreement and provides extensive IP rights to compatible and specification compliant implementations

TIMELY MAINTENANCE UPDATES

Azul provides Zulu Enterprise customers with continuous access to the latest Java CPUs (Critical Patch Updates) for all supported Zulu versions (e.g. Java 6, 7 and 8). These CPUs contain both Java SE bug fixes as well as security patches. Depending on the severity of the vulnerability, as defined by NIST Common Vulnerability Scoring System version 3 (CVSS v3), Azul offers different customer support packages, including Platinum Support, which can provide Zulu Enterprise updates on the same day that CPUs are made available to the OpenJDK project.

CHOOSE 24 X 7 X 365 OR BUSINESS HOURS ONLY SUPPORT OFFERINGS

While Java is a mature language, the Java runtime is a complex piece of code with no guarantees that it is completely bug free or secure. As such, Azul offers development and operations teams timely access to out-of-cycle patches to ensure their applications are always running on an up-to-date and secure Java platform. Azul Support offerings include a dedicated Support team that can I) triage Java problems, II) identify offending code (i.e. perform root cause analysis) and III) issue temporary patches or security fixes without any dependency on any other company.

With more than 13 years delivering mission-critical support for Global 1000 accounts, Azul has the dedicated teams and deep Java domain expertise to provide the high-quality support that development and operations teams need to ensure their Java applications keep running smoothly.

Zulu Enterprise Features

- 100% open source Java
- Built from OpenJDK sources
- Free to download and use, with available Support options
- Zulu is Java SE, verified by OpenJDK Community TCKs
- Performance parity with Oracle Java
- Customizable packaging from JDK to JRE to Compact Profiles
- Full Docker and Linux container support
- Multiplatform support:
  - Java 6, 7 and 8
  - Windows, Linux and Mac OS X
- Continuous access to Java CPUs and security patches
- Extended product life cycles and access to preview builds (Java 9)

Operating Systems

Linux:
- RHEL 7.0 or later, 6.0 or later and 5.2 or later
- SLES 12; 11 sp1, sp2, sp3
- CentOS 7.0 or later, 6.0 or later and 5.2 or later
- Ubuntu 12.04 LTS and 10.04 LTS
- Debian Wheezy and Jessie

Windows Server:
- 2012 R2, 2012 and 2008 R2 (minimum level)

Windows Client (64-bit OS):
- 8.1, 8 and 7

Mac OSX:
- 10.10 and 10.9

Virtual Environments:
- Docker, VMware, Hyper-V, KVM

Cloud:
- Amazon AWS (EC2 and S3)
- Microsoft Azure (VM Gallery and Eclipse Azure SDK)

Java Versions
- Java 8, 7 and 6

Hardware
- Intel x86-64 and x86-32

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Fully Supported by Azul Systems

Azul Systems offers world-class support services for Zulu. Our highly trained customer support engineers have extensive Java experience and deep knowledge of the JVM, memory management, Java performance issues, and usage of production application visibility tools. Two tiers of enterprise technical support for Zulu are available:

	Standard	Premium
Quarterly releases	★	★ With out-of-cycle bug fixes & early release access
Application Guard Pre-testing by platform	N/A	Optional Annual subscriptions per unique target
Support hours	Business hours	24x7x365
Channels	Limited tickets & phone/email/web support	Unlimited tickets & phone/email/web support
Dedicated Technical Account Manager	N/A	Optional Partial FTE allocations available

With Azul's unique Application Guard service, you can ensure application stability through upgrade cycles. For each Application Guard subscription, you specify the operating system, JVM version and configuration used for your application. Azul incorporates these configurations into its rigorous Quality Assurance processes and tests Zulu releases against the exact OS and JVM combination you specify. Application Guard can significantly reduce application failures due to operating environment factors and incompatibilities, and can dramatically reduce the time and costs spent debugging such problems. You can use Application Guard results for your applications to plan your OS and Java upgrade scenarios, maintain balance across multiple targets and deployment contexts, and help encourage standardization across your application portfolio.

Azul also offers an optional dedicated Technical Account Manager service for its Zulu Enterprise Premium support customers. With this service your business is assigned a dedicated technical support engineer to ensure continuity of knowledge for your applications using Zulu, hands-on management of cases, assistance with planning and testing for production deployments and expedited problem resolution.