

FAQ - Azul Zulu for Azure

What is Azul Zulu for Azure?

Azul Zulu for Azure are 100% open source builds of OpenJDK. Packaged as Java Development Kits (JDKs), Java Runtime Environments (JREs) and Headless JREs, these binaries are fully compatible and compliant commercial builds of Java SE that may be used solely with Java applications or Java components that are being developed for deployment on Microsoft Azure or Azure Stack and are not intended to be used for any other purpose. As with Oracle's commercially-supported Java SE products, these Zulu builds of OpenJDK will have quarterly security updates and bug fixes. Zulu for Azure can be deployed across various supported operating systems and containers in the Azure cloud (see below for more detail).

What is a "certified" build of OpenJDK?

Zulu for Azure is verified compliant with the Java Standard Edition ("Java SE") specifications using the OpenJDK Community Technology Compatibility Kit (TCK). The TCK is a suite of more than 120,000 tests which ensures that a binary build of OpenJDK meets all the specifications of the individual JSRs for a given version of Java SE (e.g. Java 8).

How is Zulu for Azure licensed?

Zulu is licensed identically to OpenJDK, which is under GPLv2 with Classpath Exception in addition to other third party licenses.

What Zulu for Azure packages and Java versions are available?

Today, Zulu for Azure supports all Java LTS (Long Term Support) releases, including Java 7, 8 and 11. Bundles include JDKs, JREs, and Headless JREs in zip, MSI, RPM, tar.gz, and DMG packages.

What Operating systems will Zulu for Azure support?

Zulu for Azure binaries are available for:

- Windows Client 10, 10 IoT Core, 8.1, 8, 7 and Server 2016R2, 2016, 2012R2, 2012, 2008 R2
- Linux, including RHEL, CentOS, Ubuntu, SLES, Debian, Oracle Linux
- Mac OS X
- Docker containers

Does Azul upstream changes back to OpenJDK project?

Yes, Azul's OpenJDK committers do upstream changes back to the OpenJDK community. However, upstreaming changes can take as much as 6 months before the project approves changes and fixes find their way back into the OpenJDK community code base.

Where are Zulu for Azure binaries available and how are they supported?

As a result of a new strategic partnership with Azul Systems, Microsoft Azure-based Java developers will be able to consume TCK tested builds of OpenJDK from multiple locations and in a variety of package types. [Microsoft Azure Support](#) in conjunction with Azul, will provide support and updates for these binaries. Azure Stack Java developers will not have to pay license or support fees to any third party for

Java support. Additional information about these new capability for Java developers is available on the Azure blog at <https://azure.microsoft.com/blog/>.

Current distributions of Zulu for Azure and Azure Stack users include the following:

- Zulu packages for Azure via Apt repository: <http://repos.azul.com/azure-only/zulu/apt/>
- Zulu packages for Azure via Yum repository: <http://repos.azul.com/azure-only/zulu/yum/>
- Downloadable bundles for Azure are available on the Azul Azure Partner website at <https://www.azul.com/downloads/azure-only/zulu/>
- Zulu Docker images via the Microsoft Container Registry, located at <http://mcr.microsoft.com/>
- Zulu Dockerfiles are available from the Microsoft GitHub repository at <http://github.com/microsoft/java/>
- Machine images incorporating Zulu are also available for Ubuntu and Windows on the Azure Marketplace at <https://azuremarketplace.microsoft.com/en-us/marketplace/apps?search=zulu>

Where can I get answers to general questions about Azul Zulu?

Azul Systems has a Zulu Community site at <http://zulu.org/forum/> that Java developers can join and participate in. Microsoft has publish a blog on the Microsoft Azul Announcement at <https://azure.microsoft.com/en-us/blog/microsoft-and-azul-systems-bring-free-java-its-support-to-azure/>.