

## **FAQ - Azul Zulu for Azure – Enterprise Edition**

### **What is Azul Zulu for Azure – Enterprise Edition?**

Azul Zulu for Azure – Enterprise Edition (EE) is a collection of certified builds of OpenJDK that are fully compliant and compatible with the Java SE standard on x64 reference architecture systems. These binaries are free to download under the following conditions:

- They are used for Java apps developed and deployed in Microsoft Azure, Azure Stack, or Microsoft SQL Server. This includes local development and testing
- They are used in Microsoft SQL Server or Azure DevOps Server (aka, Microsoft Team Foundation Server)

These binaries may not be used for any other purpose.

As with Oracle’s commercially-supported Java SE products, these builds of OpenJDK will have quarterly security updates and bug fixes. Zulu for Azure EE 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 EE 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 110,000 unit 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 EE licensed?**

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

### **What Zulu for Azure EE packages and Java versions are available?**

Today, Zulu for Azure EE supports all Java LTS (Long Term Support) and MTS (Medium Term Support) releases, including Java 7, 8 and 11 as well as Java 13 & 15. Bundles include JDKs, JREs, and Headless JREs in zip, MSI, RPM, tar.gz, and DMG packages.

### **What Operating systems will Zulu for Azure EE support?**

Zulu for Azure EE binaries are available for:

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

### **Does Azul upstream code 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 EE binaries available and how are they supported?**

As a result of the 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 EE 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-lts-support-to-azure/>.