

Full Qualification & Position Statement

Azul Systems is a Mountain View-CA based US private company founded in 2002 with the intent of delivering Java Runtime (JVM) products and solutions for the Java enterprise market, specifically focused on addressing scalability, manageability, and production-time visibility for Java applications. Azul introduced its first product in 2005, the industry's first Java Compute Appliance and based on its custom-designed multi-core microprocessor, and has brought to market three successive generations of hardware Compute Appliances in its Vega™ product line. Azul's latest product, Zing™, is a pure software solution, delivering Azul's Java runtime (JVM) and Java Virtualization technologies on commodity off-the-shelf x86 servers. Zing is optimized specifically for the elastic, shared resource requirements of virtualization and Cloud deployments. Global 2000 enterprises run mission-critical Java workloads on Azul's JVM and Java Virtualization products, including some of the world's largest web portals, e-commerce websites, financial risk analysis, trading platforms, business-to-business gateways, insurance claims, and supply chain management applications.

Azul has been a Java licensee and community member since 2002, and has delivered over 75 technical presentations in Java related conferences & forums. It has pioneered a number of Java industry firsts in its products, including Pauseless Garbage Collection, Memory Elasticity, and Java Virtualization. Azul has demonstrated expertise in design and optimization of systems stack components for Java execution, including OS, virtualization, hardware and the Java runtime.

Azul has further demonstrated its commitment to the Java Community with the launch of the Managed Runtime Initiative (<http://www.managedruntime.org/>). The Initiative provides a multi-project site that promotes innovations and extensions across the layered interfaces in the systems stack in order to improve the execution of managed runtimes, such as Java. As new implementations for enhancing performance and scalability are developed and matured, it is the Initiative's goal to upstream those related contributions into existing and complementary OSS projects (e.g. kernel.org and openjdk.org). As part of supporting the Managed Runtime Initiative, Azul has contributed open source reference implementations of key technological components, including Pauseless Garbage Collection enhancements to OpenJDK, and related kernel feature enhancements for the Linux operating system.

Azul intends to be an active participant in JCP Executive Committee, including proposing, reviewing and ratifying JSRs, and will continue to make significant technology contributions to the Java Platform through the OpenJDK project.

Full Biography for Primary Contact

Gil Tene is CTO and co-founder at Azul Systems. He has been involved with virtual machine technologies for the past 20 years and has been building Java technology based products since 1995. He co-founded Azul Systems in 2002 with the goal of eliminating common Java responsiveness, performance, scale, and overall deployment barriers. At Azul, Gil has pioneered numerous Java firsts including Pauseless Garbage Collection, Java Virtualization, and various managed runtime and systems stack technologies that combine to deliver the industry's most scalable and robust Java platform. He is a frequent speaker and

lecturer at Java Community and industry events such as JavaOne, TSSJS, Devoxx, SpringOne, and various localized Java User Group forums.

Prior to co-founding Azul Systems, Gil was Director of Technology at Nortel Networks, Shasta Networks and at Check Point Software Technologies, where he delivered several industry-leading traffic management solutions including the industry's first Firewall-1 based security appliance, and the industry's first subscriber edge Broadband Service Node.

Gil architected operating systems for Stratus Computer, clustering solutions at Qualix/Legato, and served as an officer in the Israeli Navy Computer R&D unit. He holds a BSEE from The Technion Israel Institute of Technology, and has been awarded 19 patents in computer related technologies.