



Microsoft Java Developer Conference 2024

Code. Cloud. Community.



Optimize Java Apps for High Traffic Scenarios

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Performance issues at scale can result in major revenue losses

Amazon

Amazon lost almost **\$100M** in revenue in just **1 hour** of downtime during 2018's Amazon Prime day⁴

Tokyo Stock Exchange

The former CEO of the Tokyo Stock Exchange was forced to **step down** after a daylong outage of the trading platform²

United Airlines

United Airlines grounded flights during a **45-minute site outage** after relaxed COVID-19 restrictions increased travel³

Google

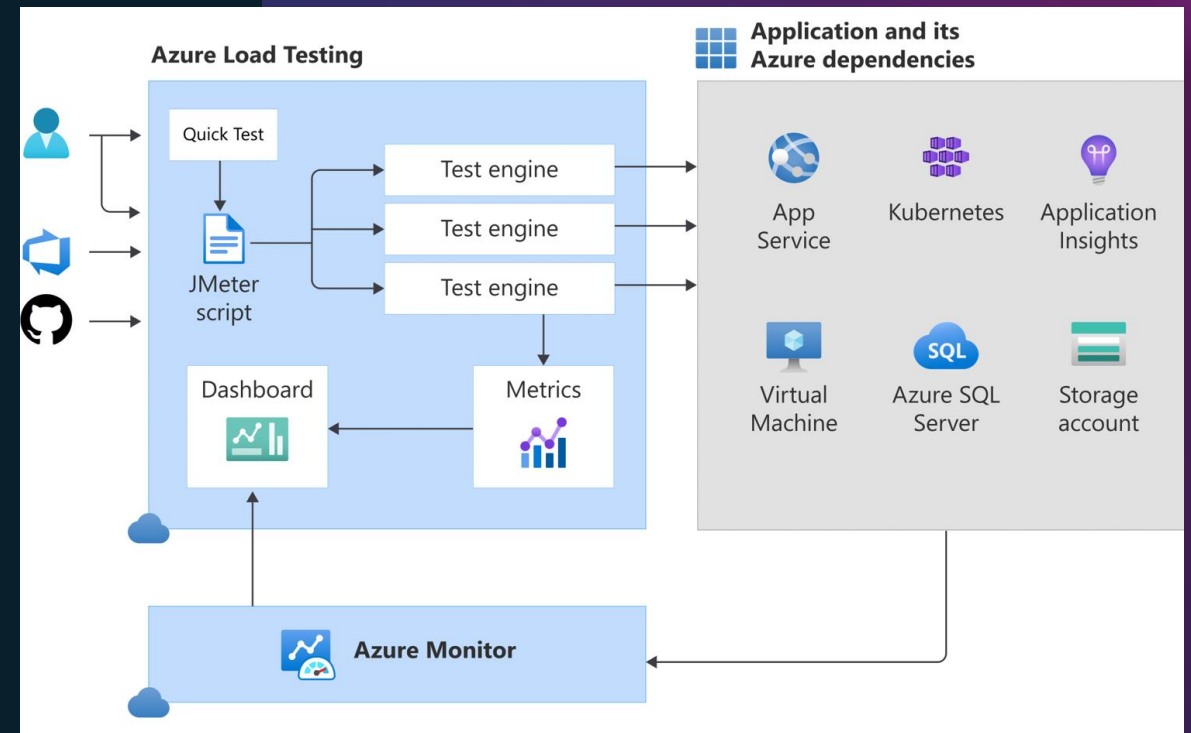
Google lost **\$1.7M** in revenue during just a **40-minute YouTube outage** in late 2020⁴

Azure Load Testing

The background features a dark blue gradient. A prominent, curved, glowing shape, resembling a stylized wave or a thick line, curves from the bottom left towards the top right. This shape has a gradient from light blue to white and a subtle glow effect. The text 'Azure Load Testing' is positioned on the left side of the image, partially overlapping the blue background and the glowing shape.

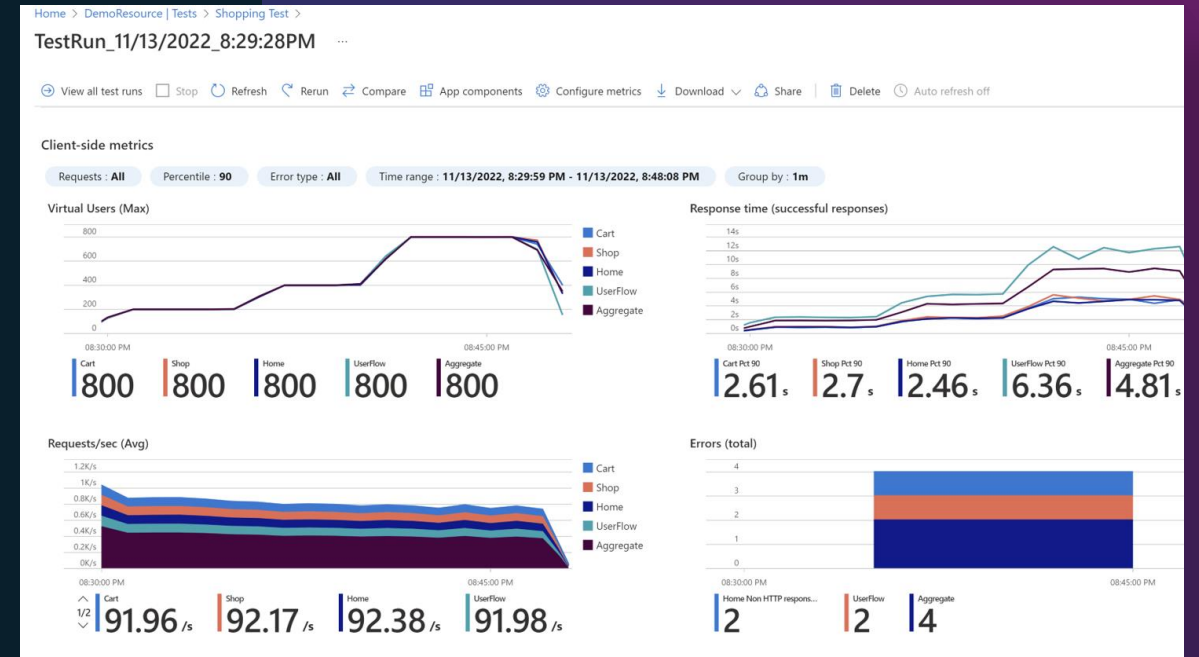
Generate high-scale load quickly and easily

- Eliminate infrastructure needs with a fully managed service
- Run existing test scripts at scale with high-fidelity JMeter support
- Experience frictionless testing on Azure



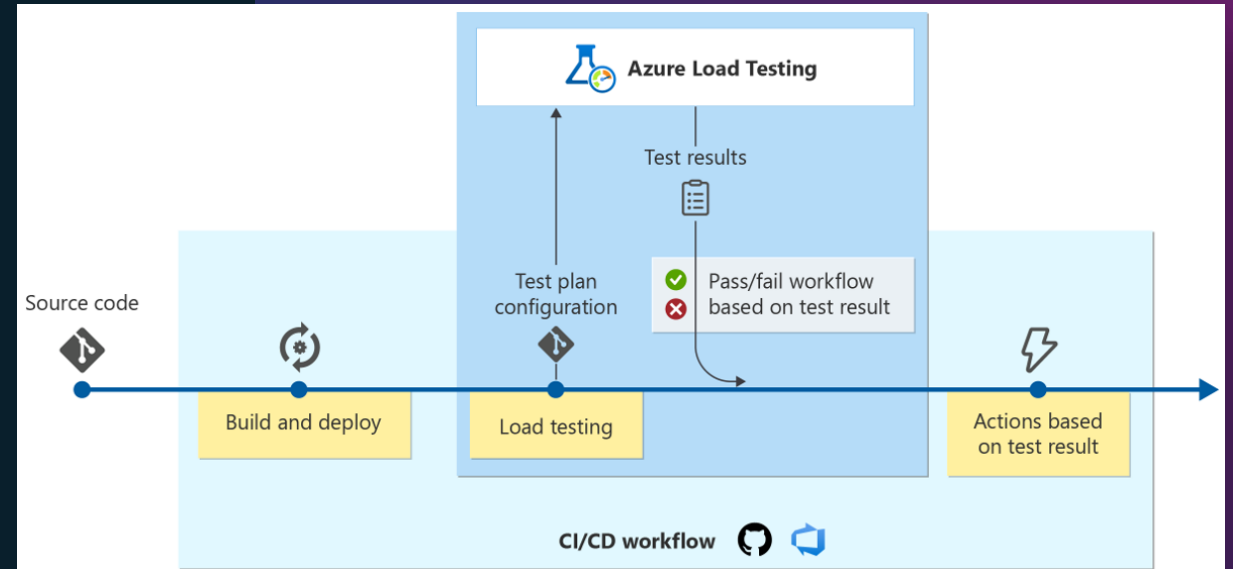
Identify bottlenecks with actionable insights

- Generate deep, actionable insights and recommendations
- Understand how tests impact all components of your app
- Compare across load tests to understand change over time



Build load testing into DevOps workflows

- Shift load testing left to continually improve performance
- Establish a performance baseline and set clear pass/fail criteria
- View load test summaries in GitHub and Azure Pipelines, or get more details in Azure portal



Demo: PetClinic App

Reasons to Update Java 8 to Java 17

- Long Term Support (LTS)
- Language Level Enhancements
- Increased Security
- Extended APIs and Libraries
- Performance Improvements



Resources

Repository <https://aka.ms/petclinic-demo>

Product Page <https://aka.ms/malt>

Documentation <https://aka.ms/malt-docs>

Blog <https://aka.ms/malt-blogs>

Feedback forum <https://aka.ms/malt-feedback>

YouTube <https://youtube.com/c/javaonazure>





Thank you

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