# opentext™

Performance Engineering

The way we work, connect, and learn has dramatically changed with more people accessing applications everywhere, over any network and from any device they choose. As a result, organizations are increasing their investments in performance engineering.

Performance engineering helps organizations release quality software faster and more efficiently through collaboration among all phases of the software development lifecycle. This allows engineers to detect potential issues within an application as early as possible, helping to deliver the best possible user experience.
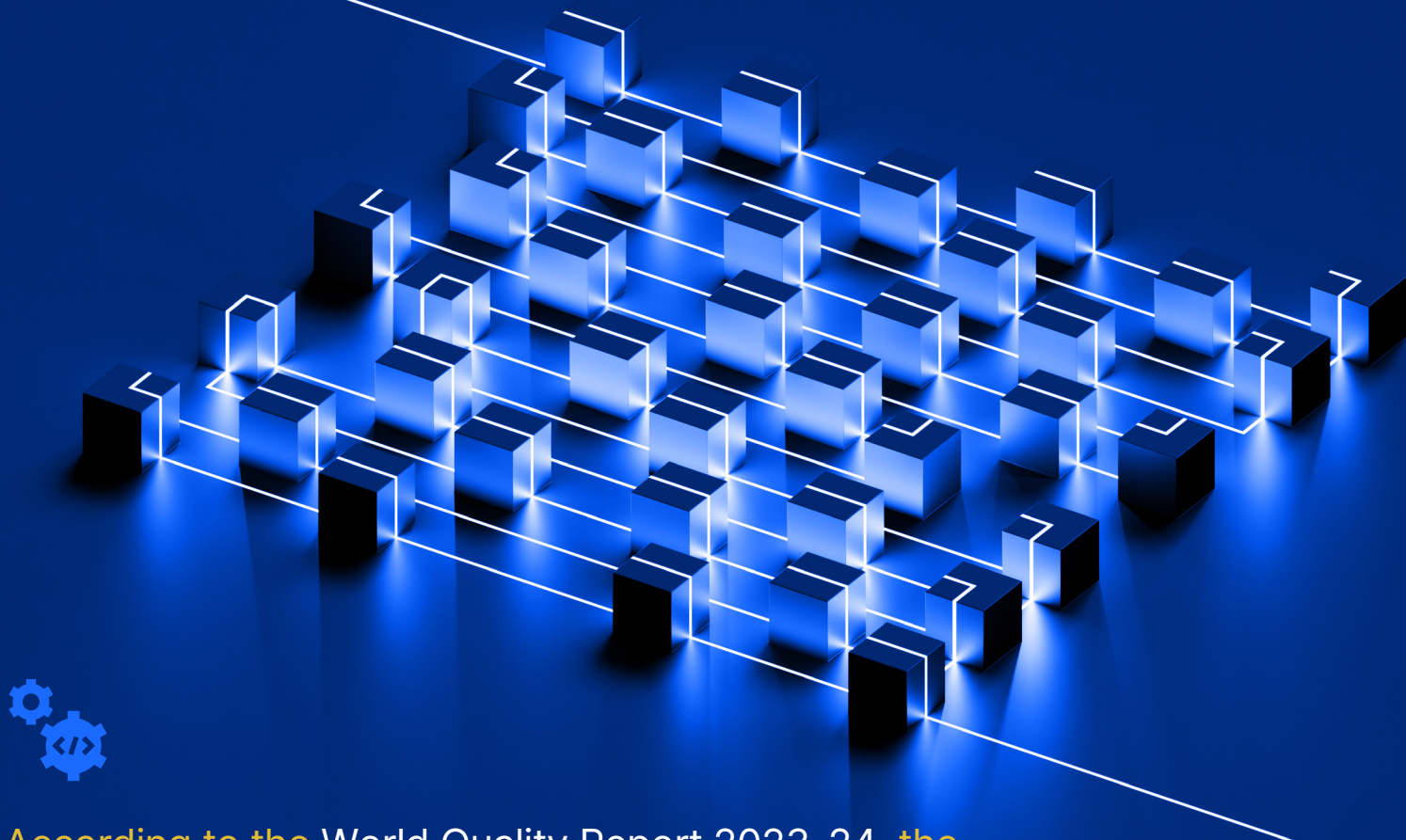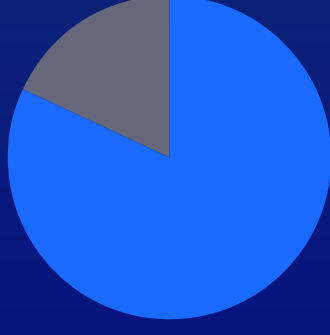
According to the World Quality Report 2023-24, the following components of performance engineering are important in making their testing more efficient.
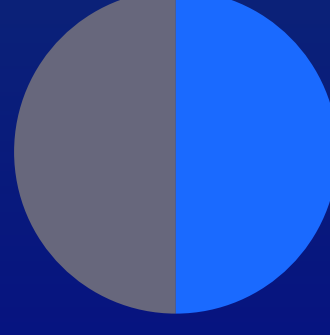
56%
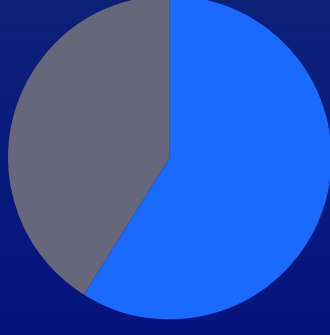
of organizations are now successfully fostering collaboration between their business and testing teams.

82%

highlighted cloud testing as mandatory for applications on the cloud.

50%

consider performance testing to be highly important in their industry.

Performance Engineering in action

The OpenText LoadRunner family helps development teams deploy high performing applications that exceed their customers' expectations. Using **shift-left performance testing** and focusing on **shift-right application performance monitoring**, development teams can engineer quality and optimize performance at any point in the DevOps pipeline.

1.

Automate Tests
Insert tests in CI/CD environments to ensure minimum standards before a build goes any further

AZURE DEVOPS · AMAZON WEB SERVICES CODEPIPELINE · BAMBOO · GITHUB ACTIONS · JENKINS · TEAMCITY

2.

Continuously Fine Tune
Reduce the time needed to identify performance issues, quickly compare trends, and mash data with other tools

3.

Dynamically Scale
Leverage elastic load generators to scale up dynamically based on need

AMAZON WEB SERVICES · AZURE · DOCKER · GOOGLE CLOUD · KUBERNETES

4.

Increase Release Cycles
Reduce time and effort by leveraging unit and functional tests within performance testing

GATLING · JUNIT · JMETER · NUNIT · SELENIUM · UFT ONE · UFT DEVELOPER

5.

Migrate to the Cloud
Reduce maintenance, scale up and down the Load Generators (LGs) on demand

AMAZON WEB SERVICES · AZURE · GOOGLE CLOUD

6.

Monitor End-to-End
Monitor the system under test with a range of solutions across web, network, and database

APPDYNAMICS · AZURE APP INSIGHTS · BROADCOM APM · AMAZON CLOUDWATCH · DYNATRACE · DATADOG · NEW RELIC · PROMETHEUS · SPLUNK

7.

Share and Manage Scripts
Easily maintain scripts and scenarios testing multiple versions of AUT in SCM repositories

GIT · GITHUB

8.

Shift Testing Left
Closely work with developers and create performance tests within their IDE using LoadRunner Developer.

ECLIPSE · INTELLIJ · VISUAL STUDIO

*Not everything is available on all solutions.

LoadRunner Family

Learn more about OpenText performance engineering solutions.

Learn More ›