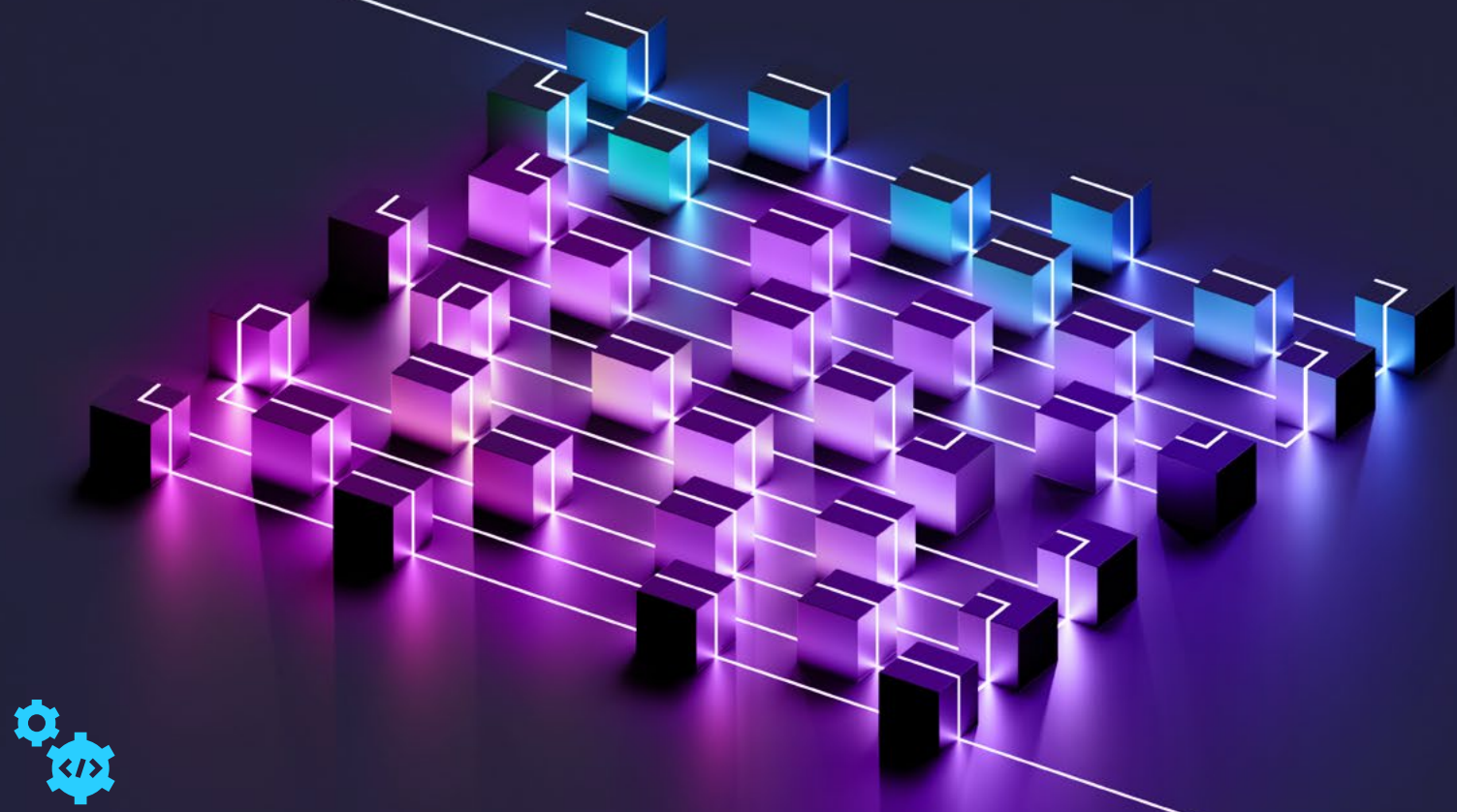


Performance Engineering

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.

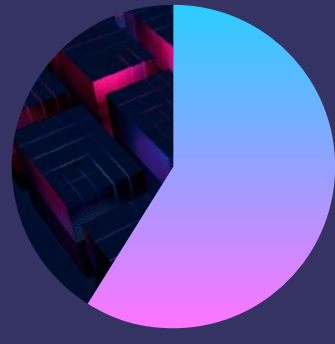


Performance engineering helps organizations release quality software faster and more efficiently through collaboration among all phases of the software development lifecycle. This allows engineers to detect potential issues within an application as early as possible, helping to deliver the best possible user experience.



According to the 2021-2022 World Quality Report, the following components of performance engineering are important in making their testing more efficient.

59%



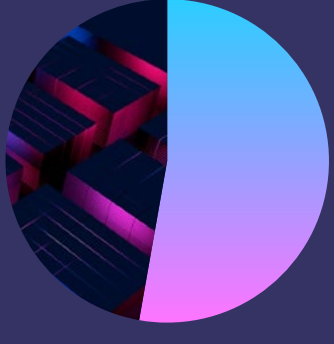
Better communications and collaboration across the lifecycle

55%



Shift test left (test earlier in the process)

53%



Shift test right (test less during development and focus more on quality monitoring)

Performance Engineering in Action

The Micro Focus 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.

Shift Testing Left

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

ECLIPSE · VISUAL STUDIO · INTELLIJ

2.

Share and Manage Scripts

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

GIT · GITHUB

3.

Increase Release Cycles

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

UFT ONE · UFT DEVELOPER · SELENIUM · NUNIT · JUNIT

4.

Automate Tests

Insert tests in CI environments to ensure minimum standards before a build goes any further

JENKINS · BAMBOO · TEAMCITY · AWS CODEPIPELINES · AZURE DEVOPS

5.

Monitor End-to-End

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

APPDYNAMICS · NEW RELIC · DYNATRACE · SIS · APP INSIGHTS MONITOR

6.

Dynamically Scale

Leverage elastic load generators to scale up dynamically based on need

DOCKER · SWARM · KUBERNETES · AWS · AZURE · GOOGLE CLOUD

7.

Migrate to the Cloud

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

AWS · AZURE · GOOGLE CLOUD

8.

Continuously Fine Tune

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



LoadRunner Family

Learn more about Micro Focus performance engineering solutions.

[Learn More >](#)