

# LoadRunner Professional

LoadRunner Professional allows your co-located teams to test performance across a wide range of application types, different network conditions, and varying service levels. LoadRunner Professional delivers an intuitive and versatile solution that saves you time, improves code coverage, and provides accurate results.

## What's New Over the Last Two Years?

### The LoadRunner Family

The OpenText™ LoadRunner family was introduced as a unified set of enterprise-grade performance engineering solutions and LoadRunner became OpenText™ LoadRunner Professional. LoadRunner Professional continues to be the industry-standard solution for performance and load testing for any of your on-premises or in the cloud applications.

### Flexible Licensing

Your users will be excited to hear about the release of Virtual User Flex Days (VUFDs). This capability allows our customers to take out a flexible subscription model to support burst testing and provides extra flexibility for short term usage.

### Streamline Testing Ecosystems with New Integrations

The LoadRunner Professional team continues to provide extensive integrations enabling continuous testing.

- **LoadRunner Developer:** OpenText™ LoadRunner Developer is a fully integrated tool that enables shift-left performance testing. LoadRunner Developer saves you time by natively running scripts and reusing assets all within LoadRunner Professional.
- **Chaos Engineering:** We are very pleased to be the first performance engineering tool to support chaos & resiliency attacks with both a SaaS vendor (Gremlin) and an off-cloud option (Steadybit). You can run simulated attacks in a controlled nonproduction system to find faults before

they hit production. Support for these event scenarios can be found in the controller scenario schedule.

- **Prometheus:** LoadRunner Professional integration with Prometheus enables your users to set up the Prometheus monitor in Controller and then view the collected data in Controller and Analysis graphs.
- **Microsoft Azure:** Azure Insights integration with LoadRunner Professional means results from Azure Insights can be viewed live during your test execution and exported to LoadRunner Analytics to provide you with in-depth data.

### Service Virtualization

OpenText™ Service Virtualization is embedded in LoadRunner Professional which allows your performance engineers to access virtual services and simulations during performance testing. There is also added support for measuring statistics related to Service Virtualization during your test run. This monitor supports measuring simulated services on both Windows and Linux environments.

### Faster and More Accurate Scripting

There has been added support for many scripting tools including the following:

- **DevWeb:** Improvements to recording, code generation, replay, and GRPC communications will enable you to improve the speed and accuracy of your performance tests.
- **Java and Selenium:** Both Java and Selenium scripts can now be run on Linux load generators.
- **JMeter:** You can view results for scripts in the Web Resources Hits per Second and

Throughput graphs and you can run tests with the embedded JMeter installation—no additional installation required.

- **Gatling:** Web script editor is a new capability that allows your users to view and edit the code of their scripts directly through the LoadRunner Professional user interface. Your team can run tests with the embedded Gatling installation—no additional installation required.

### Providing Users with the Broadest Protocol Support

Providing our customers with the latest protocol support is critical to your continued testing success. Key updates include:

- **Kafka Protocol:** Your users can now create a Java Kafka script in VuGen and add APIs to emulate Apache Kafka events. They can then view the run results in dedicated controller and analysis graphs for in-depth insights. Kafka protocol support is available in the java bundle and community license.
- **Web Protocols:** For HTTP Live Streaming (HLS), you can now configure the adaptive mode option to instruct LoadRunner Professional to download HLS video segments only when they are played for a better emulation of real user activity.
- **Citrix Protocol:** Support for Citrix Workspace 2203 LTSR (version 22.3.0.38) and record and play for Citrix ICA scripts is now available.
- **Cryptographic Protocol:** Your users can use proxy recording when using recording websites that require TLS 1.3 encryption on Windows 11 and Windows Server 2022.

## Enhanced Analytics and Reporting

Data analysis can be time consuming, however the metrics you get from testing provide valuable insights. Some of the key enhancements for analytics and reporting include:

- Google takes performance into consideration. Capturing the metric Largest Contentful Paint (LCP) is an important user-centric metric for measuring perceived load speed.
- OpenText™ LoadRunner Analysis offers new client-side measurements in TruClient and new graphs in analysis. The combination of client-side, network, and server-side measurements delivers a more realistic benchmark on user experience.
- Integration with the Dynatrace SaaS platform allows your users to view performance data collected in the Controller and Analysis.
- When creating HTML reports or exporting graph data to excel the default file format is now CSV. This enables you to view more than 256 transaction details when you open your file in Excel.

## Modernization and Administration

The LoadRunner Professional team has continued to invest in modernizing the user interface for an improved user experience. Key enhancements include:

- You can increase the speed from test design to test run with the new autodetect feature. With the click of a button you can automatically scan your entire infrastructure and quickly add load generators. This feature allows you to eliminate manual overhead and incorporate automation.

- Auto monitoring of load generators lowers total cost of ownership and provides more accurate performance metrics.
- Support for communication between Controller and load generators (LGs) over the LoadRunner Data Hub. This enables decoupling of the Controller service from the GUI and provides a modernized and simplified architecture, and a more stable testing environment.
- Utilize Single Sign-On for simplified access to applications and faster testing.
- Your Runtime settings interface has been modernized and includes a clearer, more structured layout.
- A streamlined interface for Controller online monitor graphs improves functionality.

## Did You Know?

- Have a new idea? Suggest one and vote on others in the [Idea Exchange](#).
- Learn more about recent releases by reviewing the LoadRunner Professional documentation available on the [ADM Help](#) website.
- Keep up to date on the latest news with the [Application Delivery Management Community](#).
- Learn more about the LoadRunner family, visit our [OpenText™ Performance Engineering](#) webpage.  
This information reflects enhancements in OpenText™ LoadRunner Professional 2020 and later.

Learn more at  
[www.opentext.com](http://www.opentext.com)

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