Shift Left Testing with OpenText™ Performance Engineering for Developers (4-5722)

ID 4-5722 **Prix** sur demande **Durée** 1 jours

Pré-requis

Familiarity with VS Code, Windows Command Prompt, JavaScript, and Jenkins.

Objectifs

On completion of this course, participants should be able to:

- Identify challenges associated with traditional performance testing methodologies.
- Describe the shift-left testing approach and its significance in modern software development.
- Explain OpenText Performance Engineering for Developers and the DevWeb protocol.
- Comprehend the installation and configuration process for OpenText Performance Engineering for Developers.
- Investigate the OpenText Performance Engineering for Developers Proxy Recorder and the Offline Script Generator tool.
- Acquire skills to develop a DevWeb script and enhance it through functions, correlation, and parameters.
- Describe the various methods to execute a DevWeb script efficiently.
- Examine the integration of OpenText Performance Engineering for Developers with OpenText Enterprise Performance Engineering and OpenText Core Performance Engineering.
- Obtain an OpenText Enterprise Performance Engineering report using the ScalUP tool and perform analysis.
- Explore the integration of DevWeb with Jenkins and establish Service Level Agreement (SLA) rules.
- Use InfluxDB for storing test results data and visualize it through Grafana

Contenu

In this course, you will learn about the DevWeb script structure and create DevWeb scripts using various tools, such as OpenText™ Virtual User Generator (VuGen) and the DevWeb Proxy Recorder. DevWeb is included as a built-in protocol when you install OpenText™ Professional Performance Engineering, OpenText Virtual User Generator, or OpenText™ Enterprise Performance Engineering.

You will also learn how to use the DevWeb JavaScript SDK to enhance scripts by using functions, adding parameters, enabling correlation, and using filters to remove unwanted requests.

Additionally, you will learn how to run scripts directly from the Integrated Development Environment (IDE), use the ScalUP tool to run scripts on OpenText Enterprise Performance Engineering and OpenText™ Core Performance Engineering, integrate DevWeb tests into your pipelines using Jenkins, store test runs in InfluxDB, and configure the Grafana dashboard to view key metrics and analyze test results.

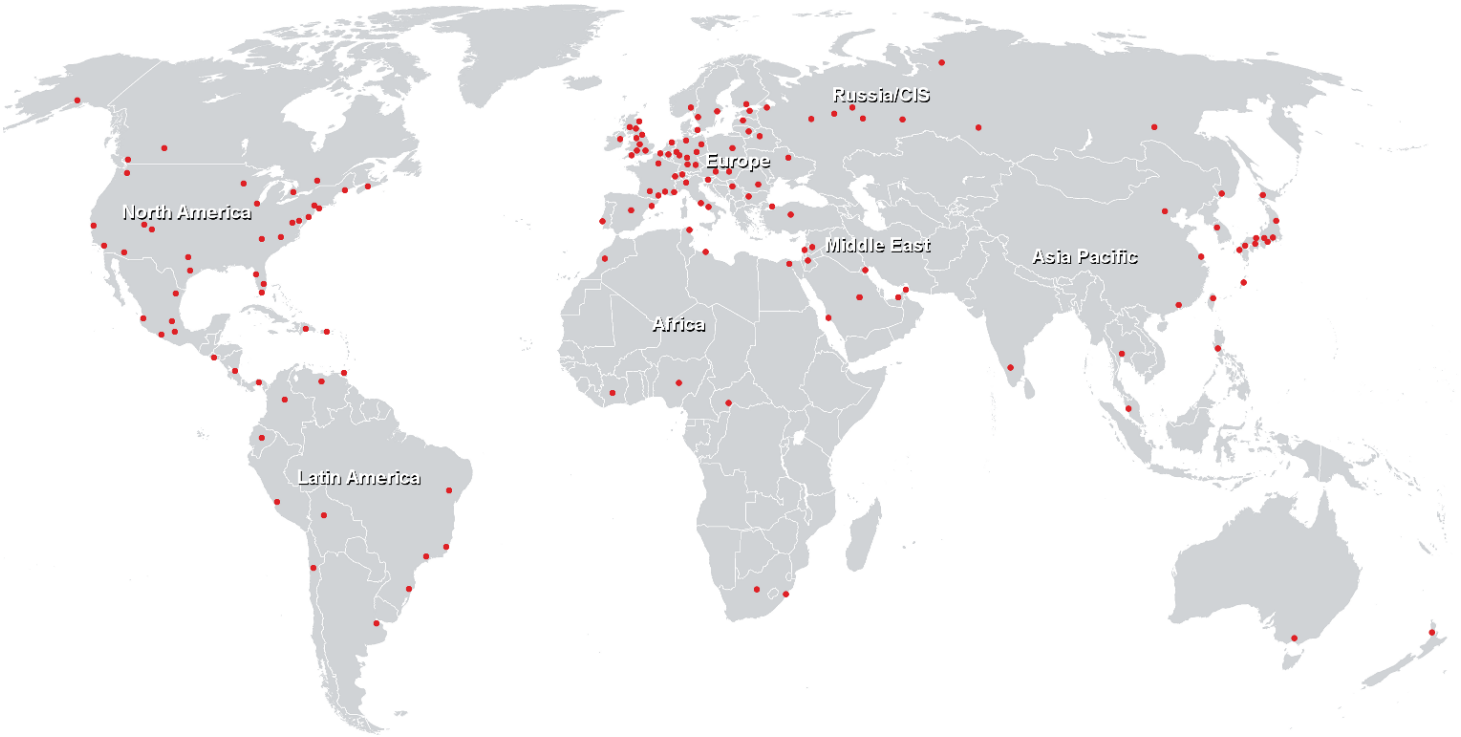
This course is ideal for developers and DevTesters who want to shift performance testing left in the development cycle to ensure application scalability and reliability.

By the end of this course, you will be able to design, create, run, integrate, and analyze DevWeb tests.

Highlights:

- Explain the main features and capabilities of OpenText Performance Engineering for Developers
- Design, create, enhance, and run DevWeb tests in various ways
- Integrate DevWeb tests into Jenkins pipelines
- Use third-party tools like InfluxDB and Grafana to monitor and analyze test results

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