User LoadRunner, test the performance of your applications

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DPIC-18   2 Days (14 Hours)

Description

During this internship, you will implement the LoadRunner tool and see an appropriate approach to test the performance of your applications. You will learn how to create scripts to simulate user actions, vary their execution parameters and interpret the corresponding results.

Who is this training for ?

For whom

Project managers, developers and operators of n-third applications.

Prerequisites

Aucune

Training objectives

- Record user actions via the VuGen virtual user generator
- Run variations of load and performance test scenarios
- Analyze load and performance test results

Training program

Mise en oeuvre des scénarios de charge et de performance

- Identify and describe the different types of scenarios.
- How to choose the scenario.
- Introduce the basic steps for creating a scenario.
- Use execution parameters.
- Practical work Creation and development of scenarios.

Vérifications

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We are at your disposal : De Lun - Ven 09h00-18h00

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- Know why and when to use checking.
- Identify what to check during load testing.
- Add text checks during and after recording .
- Practical work Checking scripts.

Transactions et paramétrage

- Insert a transaction into a script.
- Set up a script for load testing.
- Correlate dynamic values ??found via the autocorrelation tool.
- Create several actions for a web script.
- Configure the actions to achieve the load test objectives.
- Practical work Configuration and debugging transactions.

Le rejeu d'un script

- Identify and configure the execution parameters of a script.
- Replay the script in VuGen, check the functionality of this script.
- Work practices Modify the execution parameters of a script and replay it.

Le générateur d'utilisateurs virtuels

- Principles of a load test sequence.
- Principles and limitations of the VuGen virtual user generator.
- Identify the components of the VuGen interface.
- Create a user script in a Web environment.
- Scenario Presentation of the load and performance tests of the application to be tested.
- Scripting with VuGen.

Stratégies des tests de charge et de performance

- Explain the need for load testing, different types of performance testing.
- Identify strategies for creating effective scenarios in LoadRunner.
- Define measurable test objectives.
- Document and organize information about the system.
- Collective thinking The LoadRunner methodology.

Contrôle et analyse des résultats

- Techniques for effectively launching a scenario.
- Obtaining and recording results.
- Explain the added value of analyzing results and graphs.
- Practical work Analysis of results.