

# MERCURY™

OPTIMIZING THE BUSINESS VALUE OF INFORMATION TECHNOLOGY

## VUGEN 8.1 FOR SAP WINDOWS CLIENT

### INTENDED AUDIENCE

- Quality Assurance Engineers
- Users of LoadRunner who need to automate manual testing and verification in the SAP for Windows environment.

### DURATION: 2 DAYS

### OVERVIEW

Mercury Interactive's VuGen (Virtual User Generator) is a scripting tool that enables you to record and run user actions on the application you want to test. This course teaches students to create and enhance SAPWINGUI 6.2 Vusers (Virtual Users) for functional and load testing.

### COURSE OBJECTIVES

At the end of the course, you will be able to:

- Record VuGen scripts based on planned load-test information.
- Add transaction measurement settings in the VuGen script.
- Parameterize input fields in the script.
- Identify and troubleshoot playback problems using correlation.
- Send customized output to Mercury LoadRunner™ Version 8.1 Controller and Vuser log files
- Add advanced verification features in the script.

### PREREQUISITES

- Experience with Microsoft Windows
- Basic understanding of the testing process
- Working knowledge of SAP Windows Client 6.4 environment

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### DAY 1

#### Introduction

##### Introduction to Load Testing Load Test

- Analyzing the Application Under Test (AUT)
- Defining Test Objectives
- Setting up the Test Environment

##### Introduction to Mercury Virtual User Generator™ Version 8.1

- Understanding the VuGen Workflow
- Using the VuGen Views
- Using the VuGen Editor
- Accessing External Application Through VuGen

##### Recording a SAPGUI VuGen Script

- Using SAPGUI VuGen Scripts
- Ending and Saving a Record Session
- Viewing the Recording Log

##### Playing Back a SAPGUI VuGen Script

- Understanding Options to Playback a Script
- Configuring Script Run-Time Settings
- Verify script functionality in VuGen

##### Transactions in VuGen Scripts

- Understanding Transactions in VuGen Scripts
- Ignoring Think Times in transaction Labs
- Viewing Transaction Time in the Replay Log

### DAY 2

#### Setting Parameters

- Understanding Parameters
- Parameterize Input Fields
- Regenerating VuGen Scripts

#### Action in VuGen Scripts

- Understanding Actions for SAP
- Adding Multiple Actions to VuGen Scripts
- Managing Actions
- Importing Actions
- Renaming Actions

#### Using Correlation

- Understanding Correlation
- Correlating SAPGUI VuGen Scripts

#### Enhancing SAPGUI VuGen Scripts

- Understanding the Need for Enhancing Scripts
- Process to Enhance Scripts
- Handling Optional Windows in SAPGUI

#### Managing VuGen Scripts

- Using Quality Center
- Using Performance Center