

HP VuGen Scripting for the Web 9.0

Page | 1

Overview

The Virtual User Generator (VuGen) is a scripting tool used to record and run user actions on the application to the load tested. This 2 day course focuses on planning, creating, and enhancing Virtual User (Vuser) scripts using VuGen in the Web environment. All topics are supported by hands-on labs designed to provide you with the knowledge necessary to create scripts in the Web environment.

Learning Method

You will receive expert instruction from an ITIL specialist who will present the course using slide presentation and facilitated discussion. At the end of each chapter there will be review questions followed by a hands on exercise to ensure understanding of each lesson.

Each student will receive a copy of the HP VuGen Scripting for the Web manual. This manual is used throughout the course and proves a useful reference tool upon completion of the course.

Who will benefit from this course?

- Quality assurance engineers
- Performance Engineers
- New users of LoadRunner who need to load test their applications and/or executives who will be involved in any part of load testing

Pre-Requisites for this course

A working knowledge of:

- Windows
- Web sites and browsers
- Fundamental understanding of C programming is helpful, but not required

What you can expect to gain from this course?

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

- Record scripts in the Web environment using VuGen
- Measure steps and business processes using transactions
- Parameterize scripts to vary user input data
- Customize scripts by adding VuGen and basic C functions
- Correlate scripts to process server-generated data

Duration: 2 days**Scheduled In:
MELBOURNE
SYDNEY****On Demand In:
BRISBANE
CANBERRA**

Course Content

Day 1

Introduction

- Define VuGen
- Identify the main components of the VuGen interface

Recording for the Web

- Create a VuGen script by recording user steps with VuGen in the web environment
- Describe the basics of HTML and URL recording levels

Replay

- Identify and configure the appropriate web runtime setting for replay
- Replay the script in VuGen to verify script functionality
- Recognize the debugging tools available in VuGen

Transactions

- Explain the function of a transaction in a script
- Insert a transaction in a script during and after recording

Parameters

- Explain what parameters are and how they work
- Solve playback problems with parameterization
- Parameterize a script for load testing

Auto Correlation After Recording

- Define Correlation
- Correlate dynamic values found by using the Auto Correlation tool

Day 2

Verification

- Recognize why and when to use verification
- Identify visual cues to check for during load testing
- Add Text Checkpoints during and after recording

Actions

- Create multiple Actions for a web script
- Configure Actions to achieve load testing goals

Introduction to Script View

- Identify when Script view is necessary
- Send customized output messages to the Replay Log
- Identify basic C code including statements, variables, and functions
- Apply basic debugging techniques in VuGen

Advanced Scripting Techniques

- Recognize general LoadRunner functions
- Recognize protocol specific functions

Manual Correlation

- Determine when manual correlation is required
- Correlate dynamic values using the create parameter option

Auto Correlation During Recording

- Create correlation rules to auto correlate during recording
- Import and export correlation rules

Related Courses

Fundamentals of HP LoadRunner 9.0
HP LoadRunner 9.0: Hands on Lab