

Fundamentals of HP LoadRunner 9.0

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Overview

LoadRunner is an automated load testing tool that allows you to test your application before, during, and after deployment. This 2 day course is designed to give you a firm foundation in basic testing tasks. The LoadRunner Controller and Analysis will be covered in this course. You will create and run load test scenarios using the Controller. The Analysis is used to analyze load test results. You will learn to work with the graphs display data after a test is run. All topics are supported by hands-on lab designed to provide you with the knowledge necessary to load test your system using LoadRunner.

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 Fundamentals of LoadRunner 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
- Client / server environment

What you can expect to gain from this course?

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

- Identify information that needs to be gathered for load testing
- Identify the components of LoadRunner
- Apply the workflow recommended for creating a basic LoadRunner scenario
- Assign scripts, run-time settings, performance monitors, load generators and Vusers to a LoadRunner scenario based on your load testing goals
- Load test your application by running a scenario

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

Course Content

Day 1

Planning an Effective Load Test

- Define measurable goals for testing
- Gather information before testing
- Document and organize system information

LoadRunner Installation

- LoadRunner architecture
- Where to install LoadRunner components
- Identify hardware and software needed for installation

Introduction to Scenarios

- Explain elements that make a LoadRunner scenario
- Identify different types of scenarios
- How to choose the scenario
- Present the basic steps for creating a scenario

Using Run-Time Settings

- Discuss script and scenario run-time settings
- Configure run-time settings for the Controller

Day 2

Scenario Execution

- Prepare for a scenario run
- Identify techniques to efficiently run a scenario

Scheduling Scenarios

- Scheduling by group and scenario
- Prepare Virtual User (Vuser) initialization
- Configure duration scheduling
- Configure scenario ramp up and ramp down settings

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Performance Monitors

- Discuss the value of Performance Monitors
- Select Performance Monitors
- Add measurements to Performance Monitors

Results Analysis

- Discuss the process of root cause analysis
- Diagnose errors with LoadRunner
- Meaningful interpretation of LoadRunner graphs

Related Courses

HP VUGen: Scripting for the Web 9.0

HP LoadRunner 9.0: Hands on Lab