MERCURY
EDUCATION SERVICES

FUNDAMENTALS OF LOADRUNNER 8.1

INTENDED AUDIENCE

- Quality Assuarance 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 loaf testingt.

DURATION: 2 DAYS

OVERVIEW

LoadRunner is an automated load testing tool that allows you to test your application before, during, and after deployment. This course is designed to give you a firm foundation in basic load testing tasks. The LoadRunner components — LR Controller and LR Analysis are used to plan for an effective load test. You will create and run load test scenarios using the LR Controller. The LR Analysis component is used to analyze load test results. You will learn to interpret LoadRunner analysis graphs and achieve your load testing goals. All topics are supported by hands-on labs designed to provide you with the knowledge necessary to load test your system using LoadRunner.

COURSE OBJECTIVES

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

- Discuss the value of load testing
- Plan for effective load testing
- Establish load test goals
- Run load test scenarios
- Create various load levels when executing scenarios
- Analyze and interpret load test results

PREREQUISITES

Working knowledge of

- Windows 2000 or Windows NT interface and environment
- Web sites and browsers
- Client/server environment

RECOMMENDED FOLLOW-UP COURSES

Protocol-specific scripting courses (depending on your test environment)

- VuGen 8.1 Scripting for Web
- VuGen 7.8 Scripting for SAPWINGUI 6.2

TestDirector 8.0 Courses

- Using TestDirector 8.0
- Administering TestDirector 8.0

MERCURY EDUCATION SERVICES

FUNDAMENTALS OF LOADRUNNER 8.1
(2 DAYS)

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

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