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# Fundamentals of LoadRunner 9.5

## 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 following components of LoadRunner – 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 should be able to:

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

## Duration

Two days

## Intended Audience

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.

## Prerequisites

Working knowledge of:

- Windows
- Web sites and browsers

## Course Outline

### Introduction

- Explain the need for load testing
- Describe various types of performance test objectives
- Identify the steps of the LoadRunner methodology
- Define the term “scenario” in the context of LoadRunner
- Identify strategies for creating effective scenarios

### Planning and Effective Load Test

- Define measurable goals for your load test
- 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 of LoadRunner scenario
- Identify different types of scenarios
- How to choose the scenario
- Present the basic steps for creating a scenario

### Using Run-time Settings

- Script and Scenario Run-time settings
- Configure Run-time settings in the Controller



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## Scenario Execution

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

## Scheduling Scenarios

- Explain Scheduling by Scenario and by Group
- Configure Scenario Start Time
- Explain a Real-world Schedule and a Basic Schedule
- Manage Schedules through the Actions grid
- Manage Schedules through the Scenario Interactive Graph

## Performance Monitors

- Explain the value of performance monitors
- Select performance monitors to achieve load test goals
- Add measurements for performance-based goals

## Analysis

- Explain the value of analyzing results
- Work with the graphs to display data