LoadRunner Controller 11

Course Summary

Description

In this class, students will learn to design and execute a successful performance test against a Web application. Each topic is supported by hands-on exercises that are based on real-life examples designed to provide the knowledge necessary to use the tool efficiently. The course focuses on Performance and Capacity planning. Approximately 60% of the workshop is tool usage.

The Workshop will demonstrate common performance testing methodologies and industry accepted best practices to build a performance test of a Web application. Upon completion, the student will be able to take the concepts learned and apply them to any application environment.

This course does not include planning phase (Performance Management) or VuGen Scripting.

Objectives

At the end of this course, students will be able to:

- To build and troubleshoot Test Scenarios
- To configure LoadRunner Monitors and user LoadRunner Analysis
- To creating meaningful reports

Topics

- Introduction to LoadRunner
- LoadRunner Scenarios
- LoadRunner Monitoring
- Service Level Agreements
- LoadRunner Analysis
- Troubleshooting

Audience

This course is designed for Web Application Programmers, Network Administrators, Performance Test Team Leads, Performance Test Script Developers, Business Analysts and Developers.

Prerequisites

Students should have basic concepts of Quality Assurance, Visual Basic, VB Script, Java, or 'C' programming skills.

Duration

One day

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Course Outline

I. Introduction to LoadRunner
- A. Performance Testing Overview
- B. The LoadRunner Solution
- C. Installing LoadRunner

II. LoadRunner Scenarios
- A. Scheduling Scenarios
- B. RunTime Settings

III. LoadRunner Monitoring
- A. Using Monitors
- B. Monitor Types
- C. Monitor Configuration

IV. Service Level Agreements
- A. Types of Service Level Agreements
- B. Creating a Service Level Agreement

V. LoadRunner Analysis
- A. Root Cause Analysis
- B. Creating Analysis Graphs

VI. Troubleshooting
- A. Troubleshooting Controllers
- B. Troubleshooting Load Generators
- C. Troubleshooting Monitors

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