

Performance Center 9.5 Essentials (5 Days)

(V)ILT Course Description



INTENDED AUDIENCE

- Experienced and new product users
- Those responsible for, or involved in, performance testing projects

DURATION: 4 DAYS

PREREQUISITES

Working knowledge of:

- Windows
- Web sites and browsers
- Testing concepts

OVERVIEW

This four-day course introduces students to Performance Center 9.5. The course covers material from both the Administration and User sites. The Administration topics are designed to teach the student important concepts that are used to maintain the Administration site, set up users, and manage resources. The User Site topics, as found in the Using Performance Center guide, include how to schedule tests, run tests, and analyze test results. Students will learn how to effectively and efficiently plan, create, schedule and run a simple test based on the goals determined at the planning phase. They will also learn how to interpret analysis graphs and achieve set performance testing goals. The lesson topics are reinforced with structured hands-on labs. The class is appropriate for both experienced and new product users and others responsible for or involved in performance testing with Performance Center.

COURSE OBJECTIVES

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

- Describe the Performance Center architecture
- Manage user accounts
- Assign user privileges
- Manage multiple projects
- Oversee server resources
- Manage test executions
- Monitor and analyze error information
- Produce various reports
- Plan effectively
- Describe the User site's functionality
- Create, configure and execute load tests based on determined testing goals
- Use analysis graphs to determine whether the test achieved the set goals

Major Topics – System Administration

Introduction

- Defining Performance Center
- Performance Center Components
- Component functionality
- Defining terminology

Overview

- Administrative roles and responsibilities
- Site and resource management

Resources

- Managing Servers, Hosts and Pools

User Management

- Setting up users
- Defining Privilege levels

Setting Up Projects

- Creating and managing projects
- The relationship between projects and pools

Site Management

- Managing Timeslots
- Managing Test Runs
- Using the Autostart Viewer

Reports

- Viewing built-in reports
- Report descriptions

System Configuration

- Manage License
- Configuring Alerts
- Server configuration
- Configure Diagnostics

Maintenance

- Monitoring and updating servers

Troubleshooting

- Techniques
- Logs

Final System Administration Project

Major Topics – Using Performance Center

Introduction

- Centralized Load Testing
- Discussion of Component functionality
- Review of terminology

Accessing the User Site

- Project navigation
- Privilege levels

Planning a Load Test

- Defining a Business Process
- Defining goals and objectives
- Creating a Benchmark run

Vuser Scripts and Timeslots

- Uploading Vuser scripts
- Generating URL-based scripts
- Modifying scripts
- Understanding Timeslots

Configuring Load Tests

- Understanding the Scheduler
- Creating and configuring Monitors and their profiles

Creating Load Tests

- Load test settings
- Adding a monitor profile

Running Load Tests

- Configuring options
- Exploring the Load Test Run Page
- Types of test runs

Using the Project Dashboard

- Viewing the Project Dashboard
- Populating the Project Dashboard
- Displaying Drill Down information

Using Performance Center Analysis

- Collating data
- Viewing load test results
- Uploading and downloading files and reports
- Viewing graphs