



TCT Computing Group, Inc.
PO Box 402
Bel Air, MD 21014-0402
410-893-5800
866-TCT-MERC
www.tctcomputing.com
training@tctcomputing.com

Introduction to Performance Center 9.10

Overview

This two-day course introduces students to the Performance Center User Site. Topics include how to schedule tests, run tests, and analyze test results. Students will also learn how to effectively and efficiently plan, create, schedule, and run a simple test based on the goals determined in 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 new product users and others responsible for or involved in performance testing with Performance Center.

Duration

Two days

Intended Audience

Experienced and new product users, and those responsible for or involved in performance testing projects.

Prerequisites

Working knowledge of:

- Windows
- Web sites and browsers
- Testing concepts

Recommended Follow-up Courses

- System Administration for Performance Center 9.10
- VuGen 9.0 Scripting for Web

Course Objectives

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

- 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 tests have achieved their set goals

Course Outline

Planning an effective load test

- Establish test goals
- Analyze the application under test
- Define test objectives
- Plan test environment

Accessing the Performance Center User Site

- Navigate the User site
- Advantages of User site and user responsibilities
- View project data

Vuser Scripts and Timeslots

- Upload and use Vuser scripts
- Manage timeslots



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Configuring Load Tests

- Configure scheduler
- Configure monitors

Creating Load Tests

- Prepare for a load test

Running Load Tests

- Configure runtime settings
- Run a load test
- Manage status of load tests (view errors/Vuser logs)

Using the Project Dashboard

- Drill-down to obtain run information
- Publishing results

Analyzing Load Tests

- Troubleshooting Strategies
- Interpret Performance Center graphs to derive meaningful results to drill down to root cause problems
- Track progress of load test goals