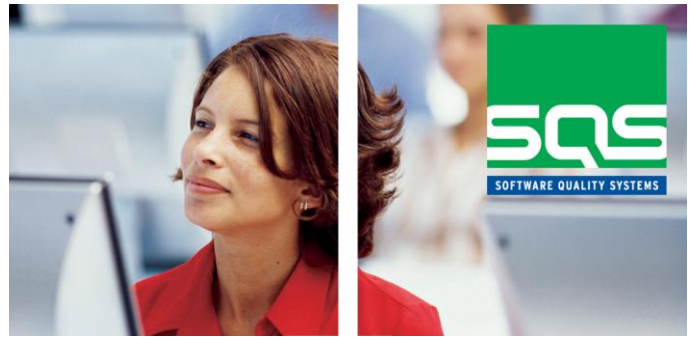


Fundamentals of Performance Testing

SQS-PT01

2 days



Course Overview

A two day course.

System performance is often the most critical factor that determines the success a software system implementation. Performance testing must be carried out to mitigating the risk of the system not meeting its performance requirements. Businesses need to be certain that performance testing is carried out effectively, in a way that minimises cost, as well as protecting their service level agreements.

However, the number of testers who can effectively perform this vital role is low. Out of those testers who have received training in performance testing, most have only been instructed in how to use a particular tool, rather than how to carry out performance testing effectively. It can take years of trial and error to learn how performance testing should be done.

Using SQS's extensive experience carrying out performance testing, this course will extend beyond the simple use of a tool to look at the nature of performance testing, the challenges surrounding performance testing and how to overcome these challenges to make the performance testing efficient and effective. This course will focus on what performance testing really is, how it should be carried out and how it should be managed.

Course Objectives

On completion of this course, you will:

- Understand the fundamentals of performance testing
- Be able to define the performance testing phases
- Be able to estimate the time and cost required for performance testing
- Be able to define performance test procedures
- Understand and be able to mitigate common performance test challenges

Who should attend?

Any tester who is, or who is about to, carry out performance testing. Any test manager who is, or is about to, manage a performance testing project. Anyone who is interested in performance testing.

Prerequisites

Attendees will need a basic knowledge of software testing principals. Attendees new to testing as well as performance testing should consider the SQS course Testing Basics, Practical Testing Processes or the ISTQB Certified Tester Foundation Level prior to attending this course.

Related Certifications

None

Recommended Follow-on Courses

After completing this course, may wish to consider SQS's Advanced Performance Testing course or HP and Borland tools training to further your knowledge of performance testing.



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Course Outline

This two day course will use real life examples from some of the many projects undertaken by SQS and will cover:

- Performance testing fundamentals
- Performance testing management fundamentals
- Performance testing strategy and planning
- Performance testing monitoring
- Performance test preparation and execution
- Test result evaluation and reporting

This course uses real world case studies, with many practical examples, drawn from the extensive experience of SQS consultants who regularly carry out performance testing on a wide variety of projects.

