



*Training Course:
Performance Test*

*7 - 11 October 2024
Rome (Italy)*

Training Course: Performance Test

Training Course code: SC235210 From: 7 - 11 October 2024 Venue: Rome (Italy) - Training Course Fees: 5775 € Euro

Introduction:

Welcome to the Global Horizon Training Center's Performance Test training program. This program is designed to equip participants with the knowledge and skills needed to conduct effective performance tests. In today's competitive business environment, ensuring that software applications and systems perform optimally is crucial. Performance testing plays a vital role in identifying bottlenecks, improving system performance, and enhancing the overall user experience.

Objectives:

The primary objectives of the Performance Test training program are:

- To understand the fundamentals of performance testing and its importance.
- To learn various performance testing types, tools, and methodologies.
- To gain hands-on experience in designing and executing performance tests.
- To identify performance bottlenecks and analyze test results.
- To apply best practices in performance testing to real-world scenarios.

Target Audience:

This training program is suitable for:

- Software Testers and Quality Assurance Professionals
- Performance Engineers
- Software Developers
- System Administrators
- IT Managers
- Anyone interested in improving their understanding of performance testing

Outlines:

Day 1: Introduction to Performance Testing

- Welcome and Program Overview
- Importance of Performance Testing
- Types of Performance Testing
- Performance Testing Life Cycle
- Selecting Performance Testing Tools

Day 2: Planning and Designing Performance Tests

- Defining Test Objectives and Requirements
- Identifying Performance Metrics
- Designing Test Scenarios
- Data Preparation for Performance Testing
- Test Environment Setup

Day 3: Executing Performance Tests

- Test Execution and Monitoring
- Load, Stress, and Spike Testing
- Analyzing System Resource Utilization
- Identifying Performance Bottlenecks
- Real-time Monitoring and Analysis

Day 4: Analyzing Test Results

- Interpreting Test Results
- Performance Test Reporting
- Root Cause Analysis
- Recommendations for Performance Improvement
- Case Studies and Best Practices

Day 5: Advanced Topics and Practical Exercises

- Test Automation for Performance Testing
- Continuous Integration and Continuous Testing
- Performance Testing in Agile and DevOps
- Hands-on Performance Testing Exercises

Registration form on the Training Course: Performance Test

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