

# Performance Test

**Duration:** 2 Days · **Training format:** Virtual Classroom / Online

## Description

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Performance Testing, also known as Perfect Testing, is a type of testing performed to check how the application or software performs under workload in terms of responsiveness and stability. The purpose of Performance Testing is to identify and eliminate performance bottlenecks in an application.

The main purpose of this test is to check whether the software meets the expected requirements for application speed, scalability and stability.

### Delegates will learn

- Practical methods of performance testing
- Practical and theoretical information in the field of performance testing
- Demos and practical exercises

### Audience

- Test Engineers, Quality Assurance Specialists, Business Analysts, System Analysts
- Programmers, Software Professionals, Project Managers
- Enterprise Architecture Specialists, Software Architects

## Outline

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What is Performance Test?

Planning the Performance Test

Determination of Performance Test Metrics

Determination of Performance Acceptance Criteria

Determination of Critical Load and Stress Levels

Creating a Performance Test Environment

Selection and Use of Performance Testing Tools

Creating Performance Test Scripts

Generation of Performance Test Data

Determination of Performance Load Scenarios

Running Performance Tests

Analysis and Verification of Performance Test Results

Interpretation of Performance Test Results and Corrective Action Steps Planning

Risks, Problems in Performance Tests and Suggestions

Performance Test Tips