



# Performance Testing

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Length: Two days

Level: Beginner - intermediate

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## DESCRIPTION

This course teaches the participants how to plan a performance testing effort, define performance models, create scripts using data parameter techniques, modify scripts to simulate dynamic environments, elaborate sophisticated test suites in terms of scenarios, and analyze test results.

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## OBJECTIVES

Upon completion of the course, participants will be able to:

- Plan a performance testing effort.
  - Define a load model.
  - Create test scripts using generic data.
  - Modify test scripts to simulate a dynamic environment.
  - Elaborate sophisticated test suites in terms of scenarios.
  - Analyze test results.
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## TOPICS

- Introduction
  - Virtual user
  - Generic data
  - Planning tests
  - Monitoring test execution
  - Analyzing test results
  - Test scripts
  - Testing large systems
  - Installation and configuration
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## **AUDIENCE**

- Testers
  - Test Developers
  - Test Managers
  - Quality Assurance Personnel
  - Technical Architects
  - Project Managers
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## **PREREQUISITES**

- Basic understanding of the different technical architectures.
- Basic understanding of network protocols, including TCP/IP.
- Familiarity with system administration, databases, networks, Windows, and the Internet.