

Certified Performance Engineer

NeoLoad

Introduction to Performance Testing

- Significance of Performance Testing
- Understanding of Non Functional requirements (NFRs)
- What are the KPIs in performance testing?
- Defining service Level Agreement (SLA)
- Test Plan document
- Workload Calculation and Distribution
- Performance Testing “Life Cycle” and Types tests

Introducing to Neoload

- Neoload Introduction
- Why Neoload?
- Neoload architecture
- Download and Installation
- Different Components of Neoload

Protocols and Scripting

- Web (HTML/HTTP), Soap & Rest API Services and Mobile.
- Recording Methods

- Parameterization
- Correlations(How to handle dynamic values in the script)
- Logical Actions in Neoload scripting
- Runtime Settings
- Advance Settings
- Shared Transactions/Containers

Test Execution and Monitoring

- How to build aPopulation and Scenarios designs
- Test executions and Monitoring the Architecture
- Creating Templates

Analyzing Performance Test Result

- Analysis
- Use the NeoLoad graphs and charts
- Analysis Comparison
- Use of Filters
- Create a test report
- Observations/Recommendations

Source Control Management

- o - GIT Hub Integration with Neoload

Server Side Analysis

- o Performance Tuning Concepts

