

JMeter Course Content

What is Performance Testing?

- Introduction
- Performance Testing for Web Applications
- Processes
- Environment Requirement.

Introduction to JMeter

- About JMeter
- Installation & Configuring JMeter
- Features in JMeter

Performance Testing Basics

- Infrastructure Performance Testing
- Load & Peak Load Testing
- Stress Testing
- Soak Testing
- Peak Load Parameters, Ramp up time and Users
- Results & Reporting

JMeter Test Plan

- What is a Test Plan?
- Elements of a Test Plan
- Building a Test Plan
- Building a Database Test Plan
- Executing your Test Plan
- Reading Results of Test Plan

Listeners

- What are Listeners
- Different Types of Listeners

Proxy server Setup

Distributed Testing

- Preparing Remote Environment
- Running Distributed
- Gathering and Analysing Results

Parameterisation

Regular Expressions

Performance Testing of a Website with JMeter

Root Cause Analysis

- CPU Usage
- Memory and Disk I/O Usage
- Web & Application Server Performance
- Process Performance
- Database Performance
- Network Traffic

JMeter Results