INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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JMeter Course Content

Introduction to JMeter

- What is JMeter?
- History of JMeter
- Pros and cons of JMeter
- Pre-requisites to install JMeter

Configuring JMeter in Easy Steps

- Sharing software's and relevant dependencies
- Installing suitable version of Java
- Setting up environment variables for JMeter and Java

Components of JMeter

- Test Plan
- Thread Groups
- Workbench
- Config Elements
- Timers
- Pre Processors
- Post Processors
- Assertions
- Listeners

How to do scripting with Recording and Replay Functionality

- How to record?
- Dos and Don'ts during recording
- How to replay?
- Dos and Don'ts during replay
- How to debug the recorded code?

Data Driven or Parameterization using CSV files

- Data driven of input data using inbuilt JMeter control
- Parameterization of input data from EXCEL sheet
- Live example with parameterized script

Page Verification and Validation

- Validating the web pages using JMeter controls
- Ensuring that all the web pages are loaded during execution
- Live example with page verification and validation

Handling Dynamic Web Pages

- Doing Scripting in such a way that it should not fail even the web pages changes dynamically for every loop
- Introducing the concept called correlation to handle dynamic web pages recording and replay
- Live example with scripting on dynamic applications

Different Types of Testing using JMeter

- Load/Stress testing: how to design and execute load test using JMeter controller
- Endurance Testing: How to design and execute endurance test or long lasting testing

- Functional Automation Testing: How to do automation testing using JMeter
- Regression Testing: How to do testing on regressive/repeated test cases
- Database Testing: How to put load on particular database query and get the response time of the respective query

Performing Distributed Testing

- Configuration for doing distributed testing
- How to share the test across the computers which are in different locations
- How to share the load injectors to share the virtual users during load test

Other Important Features of JMeter that we cover

- Plugin for generating automated load test results and graphs
- Plugin for Server Monitoring of apache servers
- Plugin for Load testing on Oracle Database
- Result analysis with third party website
- Handling web service based applications

By the End of the Session

- We will provide you all the paper works done by us
- We will provide certificate from our institute for every successful completion of course
- We will guide you other technologies that we offer on the relevant subject, that you could make use of
- You will be one among the capable JMeter resource wanted by the reputed corporates