Load Runner Training
LoadRunner Course Content

Introduction to performance – workflow
Definition for Performance testing
Types of Performance Testing
Need for Performance testing
Requirements collection
Design
Build
Execute
Analysis and Tuning
Performance Test Planning
Test Process / Methodology and Test Strategy

Chapter 2: Introduction to LoadRunner

Protocols:
Web (HTTP/HTML)
Web services
Types of Performance tests:
Smoke Test
Load Test
Stress Test
Endurance/soak Test
Spike Test
Capacity Test
Failover Test

Chapter 3: Creating Scripts Using Load Runner

Text Check Points

Parameterization
What is parameterization?
How to create parameter?
Types of parameterization
How to use parameterization in execution
Correlation
What is Correlation?
How to correlate values?
Which values need to be correlated?
Types of correlation
Step by step Manual correlation
Automation correlation

Arguments in the correlation function
How to pick random/sequential values from correlation
Creating correlation rules
All arguments in web_reg_save_param function
How to handle dynamic boundaries
Error handling
What is error handling
Why we need to do error handling
Error handling using Save Count and web_get_int_property
Error handling frame work
Logs
Replay
Recording
Generation
Event
Debugging the scripts

Chapter 4: Executing Scenario using Controller

Perfmon
Controller

Chapter 5: Analyzing Results

Summary Report
Calculation of 90th percentile
Running Vusers Graph
Hits per Second
Throughput
Calculation of throughput
Transaction Summary
Average Transaction Response Time
Root and casual analysis
Graph Settings
OS level(CPU & Memory utilization)

Status Codes and port numbers
Diff B/W the functions and their uses