Load Runner Syllabus

Performance testing Core concepts

What is performance testing?
Why performance testing?
Types of Performance testing

Types of Performance testing

- Load Test
- Stress Test
- Spike Test
- Endurance Test
- Volume Test

Performance testing life cycle

- Requirement gathering
- Test Plan Design
- Script Design
- Execution and Monitoring
- Result Analysis and Reporting

Load-runner Installation

- LoadRunner architecture
- LoadRunner Components
- Basic C
- LR functions ()

Recording Script using VUGEN

- HTML Based Recording mode
- URL Based Recording mode
- Regenerate Script
- Replay Script with different sittings

Introduction to Output window in VUGEN:

- Replay Log
- Recording Log
- Generation Log
- Vugen Runtime settings
- Naming the Transactions

Parameterization

- Definition of parameter
- Why parameterization is required

- Types of parameters
- Using Existing Parameters
- Using Parameter List

Correlation

- How to Handle Dynamic Values
- How to identify dynamic values
- Manual Correlation
- Auto Correlation

Error Handling and Rendezvous Point

- Text Verification
- Size Verification
- Image Verification

Controller

- Manual scenario
- Goal oriented scenario
- Scenario Design
- Schedule by Scenario & Group
- Real world & Basic Schedule
- Running load test in controller
- Vuser Status

Introduction to Load generators:

- What is load generator
- Why we need load generators

Analysis

- Adding graphs
- Graphs settings
- Merge graph
- Analysis and creating Reports
- Monitor types
- Starting the monitors in the controller
- Measurements in the controller
- HTML Report Generation