

LOADRUNNER

- ❖ Introduction to Performance Testing
- ❖ What is Performance Testing?
- ❖ Benefits of Performance Testing
- ❖ Performance Testing phases / Life Cycle
- ❖ Types of Performance Testing (Load, Stress, Volume, Endurance, Baseline, Benchmark etc)
- ❖ Introduction about various Performances
- ❖ Testing tools and scripting language info
- ❖ Identifying the business scenarios for Performance Testing
- ❖ Think time, rendezvous point, IP Spoofing, Denial of Services Attack
- ❖ Workload Characterization
- ❖ Introduction to Load Runner
- ❖ Introduction about the LoadRunner with various versions
- ❖ Components of LoadRunner and purpose of each component
- ❖ Load Generators, Calculating the # of LGs for a load test
- ❖ Virtual User generator
- ❖ A Small introduction about the C language (Variable, functions, loops)
- ❖ Recording a Script
- ❖ Recording Log, Generating Log, Replay Log and Correlation results log
- ❖ Regenerate Script, recording options
- ❖ Best Practice for recording a script
- ❖ Run time settings
- ❖ Correlation
- ❖ Parameterization
- ❖ Page Validations
- ❖ Transaction Timers
- ❖ Think times
- ❖ Randomizing the script
- ❖ Frequency used C functions
- ❖ Debug a script
- ❖ LR Variables Vs C Variables custom Requests
- ❖ Tips for advances scripting
- ❖ Controller
- ❖ Manual Scenario Vs Goal oriented scenario
- ❖ Schedule by group Vs Schedule by Scenario
- ❖ Adding Load Generators and verifying the connectivity (Performance test environment setup)

- ❖ Run Time settings
- ❖ Executing the tests
- ❖ Configuring the Rendezvous, IP Spoofing etc
- ❖ Monitoring servers through controller
- ❖ Windows resources, UNIX resources, other servers
- ❖ Auto collection of results, issues with auto collection, sampling intervals
- ❖ Configuring Diagnostics
- ❖ Analysis
- ❖ Adding graphs
- ❖ Merging graphs
- ❖ Web Page
- ❖ Diagnostics
- ❖ Advanced Filters/ Drill down
- ❖ Raw data/ Graph data
- ❖ How to start Analysis (Analysis approach using Client side and server side measurement)
- ❖ Correlate the graphs/results and analyzing the results (Response Time vs HPS Vs throughput Vs TPS)
- ❖ Most commonly seen issues / errors and possible reasons