



# KKAR Technologies

...Career Through opportunities

## 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



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- ✓ 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 PS Vs throughput Vs TPS)
- ✓ Most commonly seen issues / errors and possible reasons