

LoadRunner Course Topics

LoadRunner Installation

- ✚ LoadRunner architecture
- ✚ Identify hardware and software needed for installation
- ✚ How to install LoadRunner components+

VUGEN

Introduction to VUSER Concept

- ✚ Definition of Vuser
- ✚ Why VUGEN is Used
- ✚ Features of VUGEN

Streamlining Recording

- ✚ Settings to be done before recording
- ✚ Modes of recording
- ✚ Choosing the right protocol
- ✚ Types of protocol LoadRunner supports
- ✚ Single and Multiple protocols

First touch to VUGEN

- ✚ Starting VUGEN
- ✚ Understanding VUGEN Environment Options
- ✚ Choosing the right protocol
- ✚ Recording Script using VUGEN
- ✚ VUSER Script sections (Init, Action and end)

- ✚ Creating New Virtual VUSER script
- ✚ Adding and removing protocols
- ✚ Choosing New Virtual user category
- ✚ Begin Recording on your application
- ✚ Ending and saving a recording session
- ✚ Running the Created Script

Introduction to Output window in VUGEN

- ✚ Replay Log
- ✚ Recording Log
- ✚ Generation Log
- ✚ Correlation Results
- ✚ Understanding the VUSER script
- ✚ Viewing and modifying VUSER scripts
- ✚ Understanding the functions generated in the code
- ✚ Getting Help on functions
- ✚ Workflow Wizard
- ✚ Walkthrough on primary LoadRunner functions
- ✚ Recap of Steps for creating Vuser Scripts

Actions in depth

- ✚ When and how to use more than one Action
- ✚ Deleting Actions
- ✚ Rename actions
- ✚ Import Action into Vuser

Introduction to VUGEN parameters

- ✚ Definition of parameter

- ✚ Why parameterization is required
- ✚ Parameters Limitations
- ✚ Creating Parameters
- ✚ Types of parameters
- ✚ Using Existing Parameters
- ✚ Using Parameter List
- ✚ Parameterization options
- ✚ File and table type parameters
- ✚ Creating data files
- ✚ Properties of file type parameters
- ✚ Properties of table type parameters

Setting Parameters properties

- ✚ Introduction to setting parameter properties
- ✚ Setting properties for internal data parameter types
- ✚ Setting properties for user defined functions
- ✚ Choosing parameter formats

Data Assignment methods

- ✚ Sequential
- ✚ Random
- ✚ Unique

Data Update Modes

- ✚ Each Occurrence
- ✚ Each Iteration
- ✚ Once

Configuring Run time settings

- ✚ About Run time settings
- ✚ Configuring run time settings
- ✚ Configuring Pacing time settings
- ✚ Configuring Think time settings
- ✚ Configuring Log

Correlations

- ✚ Introduction to correlations
- ✚ Auto Correlation
- ✚ Wdiff Utility
- ✚ Manual Correlation

Introduction to Transactions

- ✚ What are transactions
- ✚ Why we need transactions
- ✚ How to insert transactions in the script

Introduction to content check

- ✚ Why we need Content checks
- ✚ How to use the inbuilt content checks
- ✚ How to build your own content checks

Controller

Introduction to controller

- ✚ Opening controller
- ✚ Why we need controller
- ✚ Significance of controller
- ✚ Features on controller

LoadRunner Testing Process

- ✚ Planning the test
- ✚ Creating Vuser Script
- ✚ Creating the scenario
- ✚ Running the scenario
- ✚ Monitoring the scenario
- ✚ Analyzing the scenario

Designing a scenario

- ✚ Creating a scenario
- ✚ Run scenario with sample Vuser load

Scenario types

- ✚ Manual Scenario
- ✚ Goal Oriented scenario

Introduction to Load generators

- ✚ What is load Generator
- ✚ Why we need load generators

Kinds of Scheduling Scenarios

- ✚ Schedule by scenario
- ✚ Schedule by group

Scheduling scenarios

- ✚ About scheduling scenarios
- ✚ Scheduling a scenario
- ✚ Delaying the start of scenarios
- ✚ Scheduling Vuser groups
- ✚ Adding Vuser to Scheduled scenarios

Creating and running a manual scenario

- ✚ Creating Vuser groups
- ✚ Configuring Vusers in Vuser group.
- ✚ Configuring Vuser run time settings
- ✚ Configuring scripts
- ✚ Setting time out intervals
- ✚ Configuring Scenario run time settings
- ✚ Setting the run time file location
- ✚ Specifying results location

Collating results

- ✚ Running scenarios and controlling Vusers
- ✚ Running entire scenario
- ✚ Controlling Vuser groups
- ✚ Controlling individual Vusers
- ✚ Manually adding Vuser to running scenario
- ✚ Manually adding Vuser to Rendezvous

Viewing Vusers during executions

- ✚ About viewing vusers during executions
- ✚ Monitoring Vuser status
- ✚ Viewing the output window
- ✚ Viewing Vuser script log
- ✚ Logging execution notes

Creating Goal Oriented scenario

- ✚ About planning goal oriented scenario
- ✚ Understanding goal oriented scenario design tab
- ✚ Defining scenario goals

- ✚ Assigning properties to scripts

- ✚ Configuring scripts

Monitoring and Analysis

Online Monitoring

- ✚ About Online Monitoring

- ✚ Setting up the Monitoring environment

- ✚ Monitor types

- ✚ Choosing Monitors and measurements in the controller

- ✚ Starting the monitors in the controller

- ✚ Opening online monitor graphs in the controller

- ✚ Setting monitor options