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## **LoadRunner Training Syllabus**

- LoadRunner architecture
- Where to install LoadRunner components
- Identify hardware and software needed for installation
- Installing Loadrunner samples

## **Introduction to VUSER Concept**

- Definition of Vuser
- Why VUGEN is Used
- Features of VUGEN
- VUSER TYPES

## **Streamlining Recording**

- Settings to be done before recording
- Modes of recording
- Choosing the right protocol
- Types of protocol loadrunner supports
- Single and Multiple protocols
- When and how to use more than one Action
- Deleting Action

## **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 few 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
- Pacing run time settings
- Configuring Log run time settings
- Configuring Think time settings

## **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
- Delaying the start of scenarios
- Scheduling a scenario
- Scheduling Vuser groups
- Adding Vuser to Scheduled scenarios





## 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

For More : <https://www.traininginbangalore.com/loadrunner-training-in-bangalore/>





## Other Activities

### Assessments

- **Objective Assessments**

- Syntactical based
- Scenario based

*Note: At least 2 objective based assessments in each module*

- **Hands On – Practical Assessments**

- Scenario based

*Note: At least 2 Hands on assessments in each module*

### Assignments

- **Hands On – Practical Assignments**

*Note: At least 4 Hands on assignments in each module*

### Tasks – Home Work

- **Regular tasks on each module**

*Note: Tasks are focused more to improve self learning*

### Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into LoadRunner project to add in resume & to explain LoadRunner experience in interviews.**