

LOAD RUNNER COURSE CONTENT

- ❖ **INTRODUCTION TO TESTING:**
- ❖ **INTRODUCTION TO AUTOMATION TESTING:**
- ❖ **TYPES OF AUTOMATION TOOLS:**
 - Functionality Testing Tools
 - Performance Testing Tools
 - Test Management Tools
- ❖ **INTRODUCTION TO PERFORMANCE TESTING:**
 - Performance Testing Types
 - Load Testing
 - Stress Testing
- ❖ **LOAD RUNNER OVERVIEW:**
 - Load Runner Architecture
 - Load Runner Testing Process
- ❖ **PLANNING AN EFFECTIVE LOAD TEST:**
 - Define measurable goals for testing
 - Gather information before testing
 - Document and organize system information
- ❖ **RECORDING:**
 - Structure the script based on planning
 - Use VuGen to record a Vuser script for Web environment
 - Describe HTML and URL recording levels
- ❖ **WHEN TO USE HTML AND/OR URL RECORDING LEVELS**
- ❖ **PLAYBACK:**
 - Identify the appropriate web Run-time settings to set
 - Configure Web Run-time settings to run the script
 - Verify Vuser script functionality in VuGen
- ❖ **ACTIONS AND TRANSACTIONS:**
 - Create multiple actions in a Vuser script
 - Configure actions to achieve load testing goals
 - Add Transaction to measure response times
- ❖ **PARAMETERS:**
 - Solve play back problems by Parameterizing the script
- ❖ **CHECKPOINTS:**
 - Identify visual cues to check for during load testing
 - Add Text Checkpoints during and after recording
- ❖ **MANUAL CORRELATION:**
 - Distinguish between available correlation methods

- Correlate a script manually using correlation functions
- Correlation during and After recording
- Correlation after recording
- Use the scan for correlation tool
- Correlate data during recording
- Define rules for correlation in Recording Options
- Enable correlation during recording

❖ **INTRODUCTION TO SCENARIOS:**

- Explain elements that make a LoadRunner scenario
- Identify different types of scenarios
- How to choose the scenario
- Present the basic steps for creating a scenario

❖ **USING RUN-TIME SETTING:**

❖ **SCRIPT AND SCENARIO RUN – TIME SETTINGS:**

- Configure Run-Time settings in the Controller

❖ **SCENARIO EXECUTION:**

- Prepare for a scenario run
- Identify techniques to efficiently run a scenario

❖ **SCHEDULING SCENARIOS:**

- Scheduling group and by scenario
- Prepare VuGen user (Vuser) Initialization
- Configure Scenario ramp up and ramp down

❖ **PERFORMANCE MONITORS:**

- Value of Performance Monitors
- Select Performance Monitors
- Add measurements to Performance Monitors
- Performance Overlays to track down bottlenecks

❖ **RESULTS ANALYSIS:**

- Value of root cause analysis – resources bottleneck, code loops
- Diagnose errors with Load Runner Application and Architecture
- Meaningful interpretation of Load Runner graphs

❖ **INTERVIEW QUESTIONS DISCUSSION:**

❖ **RESULTS ANALYSIS:**

- Value of root cause analysis – resources bottleneck, code loops
- Diagnose errors with Load Runner Application and Architecture

❖ **MEANINGFUL INTERPRETATION:**

❖ **INTERVIEW QUESTIONS DISCUSSION:**