
LOAD RUNNER COURSE CONTENT

PERFORMANCE ENGINEERING INTRODUCTION

- Performance Testing.
- Performance Testing Application Fundamentals.
- Performance testing process.
- Automated Tools in Performance Testing.

LOAD RUNNER INTRODUCTION

- What are business problems can be resolved.
- Load Runner different versions.
- Integrated management by using the Performance Center.
- Different Load Runner internal tools.
- To Install Infrastructure for the Load Runner.
- Architecture of Load Runner.

VIRTUAL USER GENERATOR

- Creating and invoking scripts by using the VuGen.
- Understanding Internet Protocols and VuGen.
- Using and Accessing Protocol Advisor.
- New Script Creating.
- Recording Types URL and HTML.
- Multiple and Single Protocol.
- Setting Threshold.
- Recording Tool Bar.
- Recording Summary and Log.

REPLAY

- Work flow of the Script.
- Scripts Debugging.
- Run Time settings definition.
- General Setting Options.
- Script Running.

TRANSACTIONS

- Measuring and defining transactions.
- During adding transactions and after the recording.
- Transactions naming.
- Automatic transactions.

PARAMETERIZATION

- Parameters and defining in script.
- Parameters Settings as Dates.
- Making the parameter values as Random Numbers and constants.
- Parameters Creating as customized.
- Parameters defining.
- Parameters Simulating.

AUTO CORRELATION

- Script indicates errors replaying.
- Playing back the Dynamic Values.
- Dynamic values correlating in the script automatically.

Manual Correlation

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- Script indicates errors in the replay Log.
- Two scripts comparing by using the WindDiff or some Tools.
- Correlation values identifying.
- Dynamic values copying.
- Left and Right Boundaries identifying.
- Web_reg_save_function adding.
- Dynamic values parameter zing throughout scripts.

VERIFICATIONS

- With verification step determining the success.
- Success or failure confirming.
- Verification step defining.
- Text checks function understanding.
- Text Check adding after and during recording.

ACTION

- Actions defining.
- Script with actions creating.
- Action blocks creating.
- Scripts recording in multiple and single blocks.

BASIC LEVEL SCRIPTING

- Variables defining.
- Constants declaring.
- Statements, Functions and Operators.

- Output Functions.
- Common string functions.
- Single and Breakpoints step execution.

CONTROLLER

- Tasks of controller.
- Creation of new scenario.
- Creating Goal Oriented and manual scenarios.
- Vuser Scripts Selecting.
- Modifying and Adding Vuser Groups.
- Connecting and Selecting Load Generators.
- Mapping Vuser Groups to the Load Generators.

RUN TIME SETTINGS

- Accessing and Understanding Run time settings.
- Run Logic Configuring.
- Think Time Definition.
- Additional attributes setting.
- Other miscellaneous settings.

EXECUTION OF SCENARIO

- Rendezvous points Defining.
- Result Directory Setting.

SCENARIOS SCHEDULING

- Scenario Scheduling.
- Schedule names Configuring.

- Number of Vusers configuring per x seconds or minutes.
- Scenario Setting Ramp Up time.
- Scenario Setting Full Load time.
- Scenario Setting Ramp Down Time.
- By scenario scheduling.
- By group Scheduling.

PERFORMANCE MONITORS

- Performance Identifying counters to be monitored.
- Monitor options setting.
- Monitors Configuring though the windows performance tool.

ANALYSIS

- Performance issues Identifying.
- Root cause analysis Identifying.
- Your goals meeting.
- New graph opening.
- Average Viewing transaction Response Times.
- Results verifying under the full load.
- Network graphs isolating.
- Working with Data.
- Data Filtering.
- The granularity modifying.
- Graphs Merging.
- Reports Drill down.

- Service level agreement Defining.
- Threshold Setting.
- HTML Reports and Word Document Reports Generating.

