

Load Runner Course Training Contents

Load Runner COURSE CONTENTS

INTRODUCTION

WHAT IS LOAD/PERFORMANCE/STRESS TESTING?

LOADRUNNER INTRODUCTION

- Virtual User generator
- Controller
- Analysis
- Agent process

PLANNING AN EFFECTIVE LOAD TEST

- Gathering load test related information from the customer
- Real time process for load test plan

LOADRUNNER INSTALLATION

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

VIRTUAL USER GENERATOR - 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

VIRTUAL USER GENERATOR - 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

VIRTUAL USER GENERATOR - ACTIONS

- Create multiple actions in a Vuser script
- Configure actions to achieve load testing goals

VIRTUAL USER GENERATOR - TRANSACTION POINTS

- Add Transactions to measure response time

VIRTUAL USER GENERATOR - RENDEZVOUS POINTS

- Add Rendezvous to stress the application
- Virtual User Generator - Check Points
- Add Text Checkpoints during and after recording

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VIRTUAL USER GENERATOR - RECORDING OPTIONS

VIRTUAL USER GENERATOR - PARAMETERIZATION

- Solve playback problems by parameterizing the script

VIRTUAL USER GENERATOR - CORRELATION (MANUAL / AUTO)

- Correlation after recording
- Use the Scan for correlation tool
- Correlate data during recording
- Define rules for correlation in Recording Options Enable correlation during recording

RUNTIME SETTINGS

- Script and Vuser Run-time settings
- Configure Run-time settings in the Controller

CONTROLLER - 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

CONTROLLER - SCHEDULING A SCENARIO

- Scheduling by group and by scenario
- Prepare VuGen User (Vuser) initialization
- Configure duration scheduling
- Configure scenario ramp up and ramp down
- Adding Load Generators

CONTROLLER - RUNNING SCENARIO

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

CONTROLLER - MONITORS

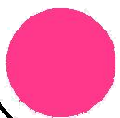
- Value of Performance Monitors
- Select Performance Monitors
- Add measurements to Performance Monitors

ANALYSIS - ANALYZING RESULTS

- Merging Graphs
- Reading & Understanding results data
- Adding new graph
- data Filtering
- Finding out Performance Bottlenecks

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