



LoadRunner Training Course

Project Based Immersive Learning Course

LoadRunner Training Course Overview

The LoadRunner certification training course offered by Education Nest is carefully crafted by industry experts who possess in-depth knowledge of the latest updates and advancements in the LoadRunner field. The online course modules are designed to cover all the essential concepts necessary for clearing complex interviews and obtaining LoadRunner certification. Education Nest's experienced professionals incorporate real-time scenarios, projects, and case studies to provide delegates with a comprehensive understanding of the LoadRunner course. The course includes crucial tools and components such as the controller, Virtual User Generator, and Analysis. After completing the training, the delegates will have acquired both technical and practical experience in conducting performance testing using LoadRunner. You will gain expertise in this area after completing the course.

Benefits of LoadRunner Training Course:

LoadRunner training course offers numerous benefits to individuals who want to enhance their skills and knowledge in performance testing using LoadRunner. HP LoadRunner is a product for load testing that assesses application scalability, behavior, and performance. After completion of this course, students will be able to utilize LoadRunner's features to automate performance and load

tests. The course covers the basics of performance testing using LoadRunner, enabling students to gain a solid understanding of the fundamentals. Also enhances their job opportunities, increases their earning potential, and helps them contribute significantly to their organization's success. It is 100% job oriented training Course.

Who should learn?

- IT Professionals
- Testers and Software Analysts
- Fresher's
- Aspiring Coders
- Entrepreneurs

Why do you need LoadRunner Training Course?

Average Salary Growth:

The average salary growth of a LoadRunner expert varies based on factors such as job location, years of experience, industry, and skills. According to various sources, LoadRunner experts can earn an average annual salary ranging from \$70,000 to \$120,000. Continuous learning and staying updated with the latest trends and technologies can further increase the salary growth of LoadRunner experts.

Industries:

Many companies use LoadRunner to conduct load testing for their applications to ensure high performance and scalability. The demand for LoadRunner experts varies based on factors such as industry, location, and the company's size and complexity. MNCs with large-scale applications and complex architectures are more likely to require LoadRunner experts to ensure application performance and scalability. Some examples of companies that may require Maven skills include: IBM, Accenture, Cognizant, TCS, Capgemini, Infosys, Wipro, HCL Technologies, and Deloitte.

Position in Market:

According to the U.S. Bureau of Labor Statistics (BLS), the employment of computer and information technology occupations, including software developers and testers, is projected to grow 11% from 2019 to 2029, which is much faster than the average for all occupations. As LoadRunner is a tool used in software testing and performance testing, the demand for LoadRunner experts may also increase with the growth of the software development and testing industry. Additionally, as companies increasingly adopt digital transformation and rely on software applications for their operations, the need for performance testing using tools like LoadRunner is likely to increase, further contributing to the growth of LoadRunner experts' demand.

Designations:

- Performance Test Engineer
- Test Analyst
- Performance Test Consultant
- Load Testing Engineer
- Performance Testing Specialist

Why LoadRunner Training Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**

- Real Time Project-Based Learning
- Certificate Oriented Curriculum

Key Skills Covered:

- Installation
- Architecture
- Vugen
- Transactions
- Controller
- Testing Process
- Scenario & Types
- Load Generator
- Monitor & Analysis

LoadRunner Training Course Syllabus

Module 1: (LoadRunner Installation)

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

VUGEN

Module 2: (Introduction to VUSER Concept)

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

Module 3: (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

Module 4: (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

Module 5: (Introduction to Output window in VUGEN)

- Replay Log

- Recording Log
- Generation Log
- Correlation Results

Module 6: (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

Module 7: (Actions in depth)

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

Module 8: (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

Module 9: (File and table type parameters)

- Creating data files
- Properties of file type parameters
- properties of table type parameters

Module 10: (Setting Parameters properties)

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

Module 11: (Data Assignment methods)

- Sequential
- Random
- Unique

Module 12: (Data Update Modes)

- Each Occurrence
- Each Iteration
- Once

Module 13: (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

Module 14: (Correlations)

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

Module 15: (Introduction to Transactions)

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

Module 16: (Introduction to content check)

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

Controller

Module 17: (Introduction to controller)

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

Module 18: (LoadRunner Testing Process)

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

Module 19: (Designing a scenario)

- Creating a scenario
- Run scenario with sample Vuser load

Scenario types

- Manual Scenario
- Goal Oriented scenario

Module 20: (Introduction to Load generators)

- What is load generator
- Why we need load generators

Module 21: (Kinds of Scheduling Scenarios)

- Schedule by scenario
- Schedule by group

Module 22: (Scheduling scenarios)

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

Module 23: (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

Module 24: (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

Module 25: (Viewing Vusers during executions)

- About viewing vusers during executions

- Monitoring Vuser status
- Viewing the output window
- Viewing Vuser script log
- Logging execution notes

Module 26: (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

Module 27: (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

Career Support

Profile Building:

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation:

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals:

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support:

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.