

Module 4: Automation Core Testing (Load Runner Up and Selenium IDE)

1. Which components have you used in Load Runner?

- Virtual Generator,
- Analyzer,
- Controller and
- Load Generator.

2. How can you set the number of Vusers in Load Runner?

The number of Vusers in the controller section while creating your scenarios.

3. What is Correlation?

The process of capturing and storing the dynamic response from the server and passing it on to subsequent request.

4. What is the process for developing a Vuser Script?

Step 1- Record the Vuser Script.

Step 2- Playback and improve the recorded vuser script.

Step 3- Define and test the different run-time parameters.

Step 4- Use the script in a LoadRunner scenario.

5. How Load Runner interacts with the application?

LoadRunner simulates user activity by generating messages between application components or by simulating interactions with the user interface such as key presses or mouse movements.

6. How many VUsers are required for load testing?

If you run a load test with 10,000 virtual users, each making a request every 20 seconds (3 requests per minute), then you're making 30,000 requests per minute, which equals 500 requests per second.

7. What is the relationship between Response Time and Throughput?

Response time and throughput are related. The response time for an average transaction tends to decrease as you increase overall throughput.

8. What is the difference between hits/second and requests/second?

Hits per second means the number of hits the server receives in one second from the user. Request per second is the number of request the user will request from the server.

9. What is Automation Testing?

Automation Testing is a software testing technique that performs using special automated testing software tools to execute a test case suite.

10. Which Are The Browsers Supported By Selenium Ide?

Selenium IDE, a Firefox extension that can automate the browser through a record-and-playback feature.

11. What are the benefits of Automation Testing?

Faster Feedback Cycle. ...

Testing on Multiple Platforms in Parallel. ...

Reusability of Test Scripts. ...

Easy Data-driven Testing. ...

Test Insights. ...

Maximum Test Coverage. ...

24X7 Test Execution. ...

Scalability.

12. What are the advantages of Selenium?

Selenium is an open-source automation testing tool and it is free of cost to use. Selenium provides high tester flexibility to write advanced and complex test cases. Supports test case execution on multiple operating systems such as Windows, Linux, Android, Mac, and iOS.

13. Why testers should opt for Selenium and not QTP?

Selenium, however, supports a wide range of programming languages. QTP/UFT test scripts run only on the Windows environment. They cannot be run across all browsers. On the other hand, Selenium is OS independent and allows test scripts to run across all browsers.

