

MODULE-4

Q1. Which components have you used in Load Runner?

Ans. Load Runner has 4 Components: Virtual Generator, Analyzer, Controller and Load Generator.

Q2. How can you set the number of Vusers in Load Runner?

Ans. You can set the number of Vusers in the controller section while creating your scenarios. Many other advanced options like ramp-up, ramp-down of Vusers are also available in the Controller section.

Q3. What is Correlation?

Ans. In a load testing scenario, correlation means extracting one or more values from the response of one request and then reusing them in subsequent requests.

Q4. What is the process for developing a Vuser Script?

Ans. There are 5 steps for developing a vuser script:-

- 1.recording the vuser script .
- 2.edit the vuser script.
- 3.runtime setting .
- 4.run the vuser script in stand-alone mode.
- 5.incorporate the vuser script into a load runner scenario.

Q5. How Load Runner interacts with the application?

Ans. 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. The messages and interactions to be generated are stored in scripts.

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Q6. How many VUsers are required for load testing?

Ans. Peak load will be 500 VUsers. Suppose if there is no data available on TPS and Response Time, and you aware any one of the following combinations, you can use this online calculator. It is vital important to simulate the input data in load/stress testing.

Q7. What is the relationship between Response Time and Throughput?

Ans. Response time and throughput are related. The response time for an average transaction tends to decrease as you increase overall throughput. However, you can decrease the response time for a specific query, at the expense of overall throughput, by allocating a disproportionate amount of resources to that query.

Q8. What is the difference between hits/second and requests/second?

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

Q9. To test the Performance testing on “Tops Technologies website” :-
<https://www.tops-int.com/>

1. to Record all top level menu
2. to Record minimum 10 Vuser on this website
3. save all (Script,Design,Graph)

Ans. Not working on tops application.

Q10. create a normal script of above website with correlate using hp default website.?

Ans. Not working on tops application.

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Q11. What is Automation Testing?

Ans. Automated testing is a process that validates if software is functioning appropriately and meeting requirements before it is released into production. This software testing method uses scripted sequences that are executed by testing tools.

Q12. Which Are The Browsers Supported By Selenium Ide?

Ans. Selenium IDE has add-ons for Firefox and Chrome browsers.

Q13. What are the benefits of Automation Testing?

Ans. The major benefits of automation testing is given below:-

- 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.
- better product quality

Q14. What are the advantages of Selenium?

Ans. Advantages of selenium:-

- Open-Source
- Supports Operating Systems
- Support across browsers
- Tests across devices
- Constant updates
- Ease of implementation
- Reusability and Add-ons

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Q15. Why testers should opt for Selenium and not QTP?.

Advantages of Selenium over QTP	
Selenium	QTP
Open source, free to use, and free of charge.	Commercial.
Highly extensible	Limited add-ons
Can run tests across different browsers	Can only run tests in Firefox , Internet Explorer and Chrome
Supports various operating systems	Can only be used in Windows
Supports mobile devices	Supports mobile devise using 3 rd party software
Can execute tests while the browser is minimized to be visible on the desktop	Needs to have the application under test
Can execute tests in parallel.	Can only execute in parallel but using Quality Center which is again a paid product.

Q16. To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" <https://www.tops-int.com/contact-us/>?

Ans. <https://github.com/anjali15st/anjali15novst.git>

Q17. To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" <https://www.tops-int.com/contact-us/>

1. To use assert
2. To use click and wait
3. To use locators
4. To use other command

Ans. <https://github.com/anjali15st/anjali15novst.git>