1. Which components have you used in load runner?

Ans: load runner have 4 components.

* Virtual generator
* Analyze
* Controller
* Load generator

1. How can you set the number of vusers in load runner?

Ans: you can set the number of vuser 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.

1. what is correlation?

Ans: correlation is the process of extracting some value from the response of one step into the request of another step.

The developer manually discover correlation points in the test flow and maps the value to be replaced in consecutive request.

1. What is process for developing a vuser script?

Ans: creating vuser script for emulate the action that virtual user perform during the scenario execution.

There are 5 steps for developing a vuser script.

* Recording the vuser script
* Edit the vuser script
* Runtime setting
* Run the vuser script in stand-alone mode
* Incorporate the vuser script into a load runner scenario

1. How load runner interacts with application?

Ans: load runner simulates user activity by generating messages between application components or by simulating interaction with the user interface such as key presses or mouse movements.

* Load runner simulates user activity by generating messages between application components or by simulating interactive with the user interface such as key presses or mouse movement.
* The message and interactions to be generated are stored in scripts.

1. How many vuser are required for load testing?

Ans: if you run a load test with 10000 vuser ,each making a request every 20 seconds (3 request per minute),then you’re making 30000 request per minute which equals 500 request per second.

* There are numerous ways of finding the required number of virtual user while evaluating a load testing tool, selecting a pricing plan or running a load test. The calculator on this page will help to determine the number of virtual user required to run a load test.

1. What is relation between response time and throughput?

Ans:

|  |  |
| --- | --- |
| Response time | Throughput |
| It measures the performance of an individual truncation. | It measures the overall performance of the system. |
| It is calculated as hits/unit of time. | It is calculated as request /unit of time. |
| It is time difference between submissions of a request unit the response begin to received. | The number of processes that are completed as per unit time. |

1. What is difference between hits/second and requests/second?

Ans

|  |  |
| --- | --- |
| Hit/seconds | Request/second |
| Hit/second means number of hits the server receives in one second from vuser | Request/second is the number of request the vuser will request from the server. |
| Hit/second is the number of calls to the webserver per second. | Request/second is the number of requests made to the webserver per second. |
| Hit/sec are number of HTTP request made by vuser to the webserver in scenario step run on aper second basis. | Request/sec are the number of requests completed during each second of scenario run. |

1. To the test performance testing on “tops technology website”

Ans: open virtual user generator.

Then go file, and new

Then select new script, than in category select popular than select web HTTP.

Then click create. The program sheet will open

Then click on record option.

In URL enter “tops technology”

Then start recording

1. What is automation testing?

Ans: automation testing is the process of using tool, script, and software to perform test cases by repeating pre- defined actions. Test automation focus on replacing manual human activity with system or device.

1. which is the browser supported by selenium ide?

Ans: selenium ide has add-ons for Firefox and chrome browser.

1. What are the benefits of automation testing?

Ans:

* automation testing saves time and money.
* Vastly increases your test coverage
* Testing improves accuracy
* Automaton does what manual testing cannot
* Test automation software is the best way to increase the effectiveness, efficiency and coverage of your software testing.

1. What are advantages of selenium?

Ans: selenium is open-source software.

* Selenium support various programming languages to write the program (test scripts)like java, python, JavaScript, c+.
* Selenium supports various operating system like MS windows, Linux,
* Selenium supports various browsers like Mozilla Firefox, Google chrome, opera.
* Selenium uses fewer hardware resources.
* Selenium test case execution time is faster than other tools like UFT, RFT.
* Test case can be executed while the browser window is minimized.

1. Why tester should opt for selenium and not QTP?

Ans: selenium support Firefox, IE, opera, safari on operating systems like windows, Mac, Linux etc. however QTP is limited to internet explorer on windows.

1. To validates the tops technology website contact us page and enter your friend detail at the last guest call back?

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