1.which components have you used in load runner?

. virtual generator

. analyzer

. controller

. load generator

2.how you set the number of Vusers in load runner?

.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.

3.what is correlation?

.correction is process of extracting some value from the response of one step into the request of another step.

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

4.what is the process for developing a vuser script?

. creating vuser script for emulate the action that virtual user performs during the scenario execution

.there are 5 steps for developing a vuser script

1.recording the vuser script

2edit the vuser script

3.runtime setting

4.run the vuser script in standalone mode

5.incorporate the vuser script into a load runner scenario.

5.How load runner interact with the application?

.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 simulate 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 interaction to be generated are stored in scripts.

6. How many vusers are required for load testing?

.if we run a load test with 10,000 virtual users, each making a request every 20 seconds, then you’re making 30,000 request per minute, which equals 500 requests per second .

.there are numerous way 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 users required to run a load test.

7.what is the relationship between response time and throughput?

|  |  |
| --- | --- |
| Response time | Throughput |
| It measure the performance of an individual transaction | 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 submission of a request until the response begins to be received. | The number of process that are completed per unit time. |

8.what is the difference between hits/second and request/second?

|  |  |
| --- | --- |
| Hits/second | Request/second |
| Hits/ second means the 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. |
| Hits/ sec is the number of calls to the webserver/sec. | It is the number of request made to the webserver /sec. |
| Hits/sec are the number of HTTP requests made by Vuser to the webserver in a scenario step run on a per second basis. | Request/sec are the number of requests completed during each second of scenario run. |

9. To the performance testing on “tops technology website”?

.open virtual user generator.

.then go file ,select add

.then select new script ,then in category select popular then select web HTTP.

Then click create, the program sheet will open

Then click on record option.

In url enter “tops technology”

Then start recording

10.what is automation testing?

Automation testing is the process of using tool, script and software to perform testcases by repeating predefined action .test automation focus replacing manual human activity with system or device.

11 which browser supported by selenium ide?

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

12.what are the benefits of automation testing?

.automation testing saves time and money

.Vastly increase your test coverage

.Testing improves accuracy.

.Automation does what manual cannot

.Test automation software is the best way to increase the effectiveness, efficiency and coverage of your software testing.

13.what are advantages of selenium?

Selenium is the open source software

Selenium supports various programming language ,to write the program like java, JavaScript….etc.

It supports various operating system like ms.windown,linux.

It supports various browser like google chrome. Opera….etc.

It uses fewer hardware resources

Its test case execution time is faster than the other tools like RFT…

14.Why tester should opt for selenium and no QTP?

Selenium supports firefox,IE,opera,safari on operating system like windows,mac,Linux..etc,however QTP is limited to internet explorer on windows

15.to validate the tops technology website contract us page and enter your friend detail at last “guest call back”?

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