Module 4

1: Which components have you used in Load Runner?

Ans:

- Load Generator generates the load against the application by following scripts.
- VuGen (Virtual User Generator) for generating and editing scripts.
- Controller controls, launches and sequences instances of Load Generator - specifying which script to use, for how long etc.
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2: 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.

3. What is Correlation?

Ans:

Correlation, as the name suggests, is a mechanism of defining a relationship between two variables or entities. A Dictionary defines it as "statistical relation between two or more variables such that systematic changes in the other accompany systematic changes in the value of one variable".

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

Ans:

Vuser Script may be developing in four steps

- 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.
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5: 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.

6: How many VUsers are required for load testing?

Ans:

Determining the exact number of virtual users for a load test is always a tricky question, for novice and seasoned load testers alike. There are numerous ways of finding the required number of virtual users while evaluating a Load testing tool, selecting a pricing plan or running a load test. The calculations on this page will help determine the number of virtual users required to run a load test.

7: 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.