ASSIGNMENT MODULE 4

Which components have you used in the Load Runner ?

Ans : Virtual Generator, Analyzer, Controller and Load Generator.

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.

#what is the correlation ?

Ans : Correlation is the capturing of dynamic values passed from the server to the client and back. We save this captured value into a LoadRunner parameter, and then use this parameter in the script in place of the original value.

What is the process for developing a Vuser Script?

- Ans : 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.

#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.

How many VUsers are required for load testing?

Ans :Concurrent virtual user calculation
For example, 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.

Whats 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.

#What is the difference between hits per second and requested 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.