1. Which components have you used in Load Runner?

There are three components have you used in Load Runner are:

1. **VuGen(Virtual User Generator)** - For generating Scripts
2. **Controller** - For creating and executing scenarios
3. **Analysis** - To analyze results.

2. How can you set the number of Vusers in Loadrunner?

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?

Correlation is used to obtain data which is unique for each run of your test script (ex: session ids). While recording, these dynamic values are hard-coded in your script causing the script to fail during playback. Correlation is a technique where dynamic values are not hard-coded in your script but are extracted at run-time to avoid failure.

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

There are four steps for developing a Vuser script.

1- Record the Vuser Script.

2- Playback / Enhance the recorded Vuser script.

3- Define the various run-time settings & check

4- Incorporate the script in a LoadRunner scenario

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5. How does Loadrunner interact with the application?

Protocol is used in Load Runner to interact with the application.

6. How many VUsers are required for load testing?

The number of VUsers required depends on your system under test, network configurations, hardware settings, memory, operating system, software applications objective of a performance test. There can not be any generic value for Vuser.

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

The Throughput shows the amount of data in bytes that the Vusers received from the server in a second. When It is compared with transaction response time, throughput and response time get decreased.

The peak throughput and highest response time would occur approximately at the same time.