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# Automation core testing

1. Which components have you used in Load Runner?

- Analysis

- Controller

- Virtual user generator

2. How can you set the number of V users in load runner?

- Step 1: open virtual user generator software

- Step 2: click on tools

- Step 3: click on create controller scenario

- Step 4: open create scenario page

- Step 5: Write number of users

- Step 6: click on ok

3. What is correlation?

- Correlation is the capturing of dynamic values passed from the server to the client and back.

4. What is the process of developing a v user script?

- Step 1: click on Virtual user generator software

- Step 2: Open virtual user generator software

- Step 3: click on File

- Step 4: Inside file click on add

- Step 5: inside add click on new script

- Step 6: open create new script page

- Step 7: click on popular

- Step 8: Select Web – HTTP/HTML

- Step 9: click on create

- Step 10: Open script page (action page)

5. How load runner interacts with the application?

- Load runner simulates user activity by interactions with the user interface such as key presses or mouse movements.

- The message and interactions to be generated are stored in scripts.

6. How many V users are required for load testing?

- 50 v users are required for load testing?

7. What is relationship between response time and throughput?

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

- Hits per second means the number of hits the server receives in one second from the v user.

- Request per second is the number of request the v user will request from the server.

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# Selenium IDE

1. What is automation testing?

* Automation testing is a software testing technique that performs using special automated testing software tools to execute a test case.
* Automation testing is required to test the application because it offers us a better application with less effort and time.

1. Which are the browsers supported by selenium Ide?

* Chrome, edge, Firefox etc.

1. What are benefits of automation testing?

* Speed, reliable, repeatable, comprehensive, reusable

1. What are advantages of selenium?

* Very easy to use and install
* Record and play tool
* Covert scripts into various languages

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

* QTP test scripts run only on the windows environment. They cannot run all browsers.