8. Selenium Grid is a powerful tool for running Selenium tests in parallel across multiple machines. It allows users to distribute their test cases across a network of machines, reducing the time required for testing and improving overall efficiency. Configuring Selenium Grid can be done using JSON, which is a lightweight data interchange format that is easy to read and write.

To configure Selenium Grid using JSON, users need to create a JSON file that specifies the configuration settings for each node in the grid. The JSON file should include the following information:

1. Node configuration: This includes the browser type, version, and platform that the node will run on.

2. Hub configuration: This includes the IP address and port number of the hub, as well as any other configuration settings that are required.

3. Test configuration: This includes the test script that will be executed on the node, as well as any other configuration settings that are required.