**Grid Configuration Using JSON**

**1:** **Configuring the grid hub using JSON**

1. Create JSON file for the hub
2. Save it in a folder with a valid name (example: myhub) in which we have saved Selenium standalone Server jar file.
3. Go to the command prompt.
4. Navigate to the folder structure where you have saved the Selenium standalone Server jar file.
5. Type the below command in the command prompt

**Java -jar selenium-server-standalone-3.141.59.jar -role hub -hubConfig myhub.json**

and click on **Enter**.

1. Open the Chrome browser.
2. Enter URL as ‘http://localhost:4444/grid/console’ and click on **Enter.**
3. Grid console page is loaded

**2: Configuring the grid nodes using JSON**

1. Once the Selenium Grid Hub using JSON is configured, the next step is to configure Selenium Grid nodes using JSON.
2. Create a JSON file for node
3. Save it in a folder with a valid name in which we have saved Selenium standalone Server jar file.
4. Open the new command prompt.
5. Navigate to the folder structure where you have saved the Selenium standalone Server jar file.
6. Type the below command in the command prompt

**java -Dwebdriver.gecko.driver="geckodriver.exe" - Dwebdriver.chrome.driver="chromedriver.exe" -jar selenium-server-standalone-3.141.59.jar -role node -nodeConfig mynodes.json**

and click on **Enter** button

1. Open the browser.
2. Enter URL as **http://localhost:4444/grid/console** and click on **Enter.**
3. The Grid console page will get loaded, which shows **Browsers** by default.