***Selenium 3 with Grid 2***

***Hub---------------------------------------------------------***

Open CMD

java –jar D:\Workspace\Selenium3\Grid\selenium-server-standalone-3.0.1.jar -role hub -port 4444

To check if HUB is running --- go to a local browser and type <http://localhost:4444/grid/console>

***Java Code---------------------------------------------------***

DesiredCapabilities cap= **new** DesiredCapabilities();

cap.setBrowserName(browserName);

cap.setPlatform(Platform.***VISTA***);

RemoteWebDriver driver= **new** RemoteWebDriver (**new** URL("http://localhost:4444/wd/hub"), cap);

Note: you can also write “<http://192.168.43.36:4444/wd/hub>” instead of <http://localhost:4444/wd/hub>, where “192.168.43.36” is the ip address of your machine, which changes every time

***Node----------------------------- for Chrome***

Open new CMD

java -jar D:\Workspace\Selenium3\Grid\selenium-server-standalone-2.53.0.jar -role node

-Dwebdriver.chrome.driver=D:\Workspace\Selenium3\Grid\chromedriver.exe

-browser browserName=chrome,maxInstances=10

-hub [http://localhost:4444/grid/register -port 5555](http://localhost:4444/grid/register               -port 5555)

***Node----------------------------- ------for FF***

Open new CMD

(Latest version is not supported in Selenium Grid 2 so run with 31)

java -jar D:\Workspace\Selenium3\Grid\selenium-server-standalone-2.53.0.jar -role node

-browser browserName=firefox,maxInstances=5 -hub [http://localhost:4444/grid/register -port 9999](http://localhost:4444/grid/register%20%20%20-port%209999)

***Node--------------------- -----------for IE***

Open new CMD

java -jar D:\Workspace\Selenium3\Grid\selenium-server-standalone -2.53.0.jar -role node

-Dwebdriver.ie.driver=D:\Workspace\Selenium3\Grid\IEDriverServer.exe

-browser browserName="internet explorer",maxInstances=10

-hub [http://localhost:4444/grid/register](http://localhost:4444/grid/register%20%20%20%20%20%20%20)  -port 6666

***Selenium 3 with Grid 3---***

***Hub---------------------------------------------------------***

Open CMD

java –jar D:\Workspace\Selenium3\Grid\selenium-server-standalone-3.0.1.jar -role hub -port 4444

To check if HUB is running --- go to a local browser and type <http://localhost:4444/grid/console>

***Node----------------------------- for Chrome***

Open new CMD- over here we have to set “–D” parameter before “-jar” and also “–browser” should be after “-role”

java -Dwebdriver.chrome.driver=D:\Workspace\Selenium3\Grid\chromedriver.exe

-jar D:\Workspace\Selenium3\Grid\selenium-server-standalone-3.0.1.jar -role node

-browser browserName=chrome,maxInstances=10 -maxSession 5

-hub [http://192.168.0.2:4444/grid/register -port 5555](http://192.168.0.2:4444/grid/register%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20-port%205555)