Selenium Grid Setup Instructions-

* Download the Selenium Server

Download Browser drivers and place in the same path where Selenium server is located

* Start the Hub - which eventually Starts Router, Distributor, Session Map , New Session Queue, Event Bus
* java -jar <SeleniumJarname> hub
* Start the Node in Same Machine where Hub is running java -jar <SeleniumJarname> node --detect-drivers true
* Start the Node in different Physical Machine

java -jar <SeleniumJarname> node --detect-drivers true -- publish-events tcp://<ipaddressofhub> --subscribe-events tcp:// <ipaddressofhub>

* Check the Status of Grid with http://localhost:4444/
* Create Multiple Selenium TestNG Tests with the ability of parallel run
* Run the Tests and see the magic of distributing tests across multiple Node machines

**Add this code when starting webdriver**

DesiredCapabilities cap = new DesiredCapabilities();

cap.setBrowserName("firefox");

webdriver w = new RemoteWebDriver(new URL("http://192.168.1.113:4444"),cap);

**What is Selenium Grid?**

Selenium Grid is a smart proxy server that makes it easy to run tests in parallel on multiple machines.

10 tests

**Selenium Grid Architecture**



