

2.5 Set Up Selenium Grid

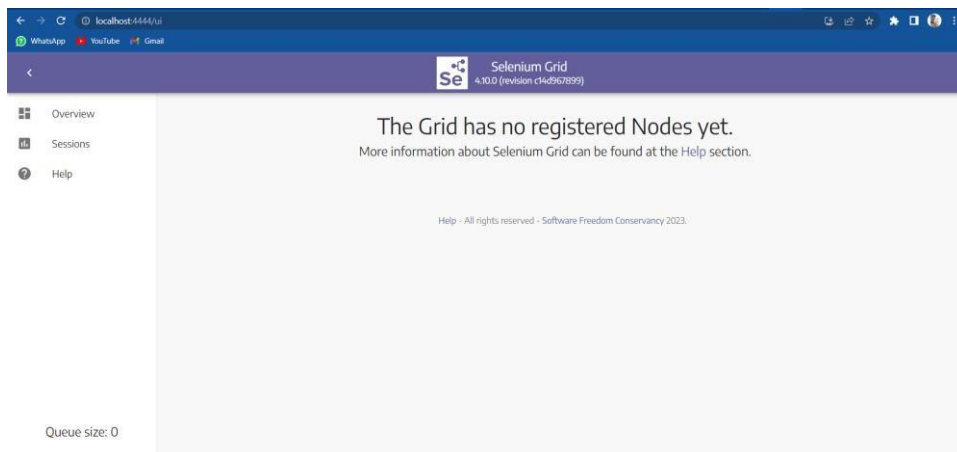
Download Selenium standalone Server jar file from <https://www.seleniumhq.org/download/> link

java -jar selenium-server-4.10.0.jar hub

```
C:\>cd selenium grid

C:\Selenium Grid>java -jar selenium-server-4.10.0.jar hub
01:04:20.193 INFO [LoggingOptions.configureLogEncoding] - Using the system default encoding
01:04:20.193 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for tracing
01:04:20.790 INFO [BoundZmqEventBus.<init>] - XPUB binding to [binding to tcp://*:4442, advertising as tcp://192.168.0.102:4442], XSUB binding to [binding to tcp://*:4443, advertising as tcp://192.168.0.102:4443]
01:04:20.859 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://192.168.0.102:4442 and tcp://192.168.0.102:4443
01:04:20.894 INFO [UnboundZmqEventBus.<init>] - Sockets created
01:04:21.909 INFO [UnboundZmqEventBus.<init>] - Event bus ready
01:04:23.606 INFO [Hub.execute] - Started Selenium Hub 4.10.0 (revision c14d967899): http://192.168.0.102:4444
```

Open chrome browser - Enter URL as http://localhost:4444



java -

Dwebdriver.chrome.driver=C:\Users\Rahul\Downloads\chromedriver -jar selenium-server-4.10.0.jar node

```
10:24:33.874 INFO [LoggingOptions.configureLogEncoding] - Using the system default encoding
10:24:33.898 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for tracing
10:24:34.361 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://0.0.0.0:4442 and tcp://0.0.0.0:4443
10:24:34.390 INFO [UnboundZmqEventBus.<init>] - Sockets created
10:24:35.392 INFO [UnboundZmqEventBus.<init>] - Event bus ready
10:24:36.139 INFO [NodeServer.createHandlers] - Reporting self as: http://192.168.0.102:5555
10:24:36.852 INFO [NodeOptions.getSessionFactories] - Detected 4 available processors
10:24:36.885 INFO [NodeOptions.discoverDrivers] - Driver(s) already present on the host: 1
10:24:37.059 INFO [NodeOptions.report] - Adding Chrome for {"browserName": "chrome", "goog:chromeOptions": {"args": ["--remote-allow-origins=*"]}, "platformName": "Windows 11"} 4 times (Host)
10:24:37.121 INFO [Node.<init>] - Binding additional locator mechanisms: relative
10:24:37.999 INFO [NodeServer.$].start] - Starting registration process for Node http://192.168.0.102:5555
10:24:37.999 INFO [NodeServer.execute] - Started Selenium node 4.10.0 (revision c14d967899): http://192.168.0.102:5555
10:24:38.062 INFO [NodeServer.$].lambda$start$1] - Sending registration event...
10:24:40.729 INFO [NodeServer.lambda$createHandlers$2] - Node has been added
```

Open chrome browser - Enter URL as http://localhost:4444

