Git repository

https://github.com/SeleniumHQ/docker-selenium.git

Seleniunhub/grid # mkdir selenium-test

cd selenium-test

touch docker-compose.yml

vi docker-compose.yml

Put this information and run #wq!

docker-compose up -d

```
version:
"3"
        services:
          chrome:
            image: selenium/node-chrome:4.1.2-20220217
            shm_size: 2gb
            depends_on:
              - selenium-hub
            environment:
              - SE_EVENT_BUS_HOST=selenium-hub
              - SE_EVENT_BUS_PUBLISH_PORT=4442
              - SE_EVENT_BUS_SUBSCRIBE_PORT=4443

          edge:
            image: selenium/node-edge:4.1.2-20220217
            shm_size: 2gb
            depends_on:
```

```
    - selenium-hub
    environment:
      - SE_EVENT_BUS_HOST=selenium-hub
      - SE_EVENT_BUS_PUBLISH_PORT=4442
      - SE_EVENT_BUS_SUBSCRIBE_PORT=4443

  firefox:
    image: selenium/node-firefox:4.1.2-20220217
    shm_size: 2gb
    depends_on:
      - selenium-hub
    environment:
      - SE_EVENT_BUS_HOST=selenium-hub
      - SE_EVENT_BUS_PUBLISH_PORT=4442
      - SE_EVENT_BUS_SUBSCRIBE_PORT=4443

  selenium-hub:
    image: selenium/hub:4.1.2-20220217
    container_name: selenium-hub
    ports:
      - "4442:4442"
      - "4443:4443"
      - "4444:4444"
```

To setup the grid, open the command prompt and make sure that you are at the same directory where your docker-compose file is placed.

Run the below command in sequence

docker pull selenium/hub

docker pull selenium/node-chrome

docker pull selenium/node-firefox

Above commands will download the images from docker server.

Now run the below command to setup the grid.

Scale up and Down

Docker-compose scale chrome=10

Docker-compose scale firefox=10

docker-compose scale edge=10

docker-compose down edge=9