# Installing Docker on the VM

Quick instructions to install Docker on the VM

# Instructions to Install Docker

- Install needed packages
    - ```
      sudo yum -y install yum-utils device-mapper-persistent-data lvm2
      ```
- Configure the docker-ce repo
    - ```
      sudo yum-config-manager --add-repo
      ```
      [https://download.docker.com/linux/centos/docker-ce.repo](https://download.docker.com/linux/centos/docker-ce.repo)
- Install docker-ce
    - ```
      sudo yum -y install docker-ce
      ```
- Add your user to the docker group with the following command.
    - ```
      sudo usermod -aG docker $(whoami)
      ```

# Instructions to Install Docker

- Set Docker to start automatically at boot time
  - `sudo systemctl enable docker`
- Finally, start the Docker service
  - `sudo systemctl status docker`

# Instructions to Install Docker Compose

- Install Extra Packages for Enterprise Linux
    - ```sudo yum -y install epel-release```
- Activate the python virtual environment
    - ```source .sandbox/bin/activate```
- Install Docker Compose
    - ```pip install docker-compose```
- To verify a successful Docker Compose installation, run:
    - ```docker-compose version```

# That's it

You are ready to use Docker and Docker Compose!