Lab: Using Docker

In this lab, you will ensure your Docker tool is set up correctly, and use it to pull, run, and explore a pre-created Docker image.

1. Verify docker is installed and up to date using the command line:  
   **docker --version**  
   NOTE: Depending on how you installed Docker, you may need to add yourself to the docker group, or use “sudo” to run Docker commands.
2. Try running the “hello-world” docker image as an initial test:  
   **docker run --name hello hello-world**
3. Inspect the container:  
   **docker ps -a  
   docker inspect hello**
4. Try pulling a container that will stay resident:  
   **docker pull nginx  
   docker run --name nginx -d nginx**
5. Examine your container and find the IP address:  
   **docker ps  
   docker inspect nginx**
6. Try making a request to the nginx container:  
   **curl http://<ip address>**
7. Stop the running container:  
   **docker stop nginx**
8. Remove the stopped containers:  
   **docker rm nginx hello**
9. See the images still exist:  
   **docker image ls**