

Docker

Lab: Container Management

Basic container operations including port mapping

Overview

In this lab, you are required to follow the same steps that we previously discussed and perform some basic container operations:

Steps required:

1. Pull/download the Apache HTTP Web sever (image name [httpd](#))
2. Create and start the Apache container but with the following conditions:
 - Container name should be [apachewebserver](#)
 - Container should start in [detached](#) mode
 - While creating/running the container, make sure to use port mapping (8080:80) i.e., port 8080 of local system mapped to Apache port 80
3. Once the container has been created/running, verify that it is in fact running i.e., check status of all running containers but use [filter](#) on name [apachewebserver](#)
4. Open a browser and visit <http://localhost:8080> to see if the server is up and running
5. List processes running in the container
6. Stop the running container
7. Verify that the container has in fact stopped