

Docker

Lab: Live Container Modification

Edit a running container and verify the changes

Overview

In this lab, you are required to follow the same steps that we previously discussed but with the caveat that you will open an interactive session to a container running in detached mode and modify the index.html page and then see if the changes are reflected in the live browser session.

Steps required:

1. Pull/download the nginx web server image (image name **nginx**) if you don't have it
2. Create and start a container called **nginxwebserver** in **detached mode** with port forwarding **8080:80**
3. Open the nginx server in browser **http://localhost:8080**
4. Now open an interactive bash shell session with the **running container**
5. On the bash shell **within the container** run the command `apt-get update`
6. Once updated, install the vim package using `apt-get install vim -y`
7. Edit the file `/usr/share/nginx/html/index.html` using the vim editor and change the welcome message from "Welcome to nginx! -> Welcome to My Cool nginx!".
(Escape :wq saves the file and quits).
8. Now refresh the browser to see if it shows the updated message