

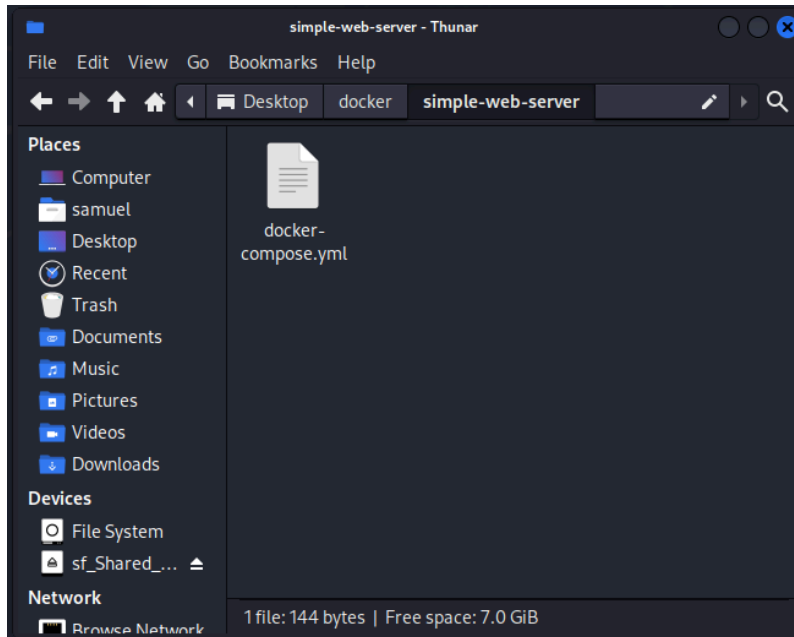
Simple Web Server

Introduction:

This report outlines how to set up a Simple Nginx server using Docker

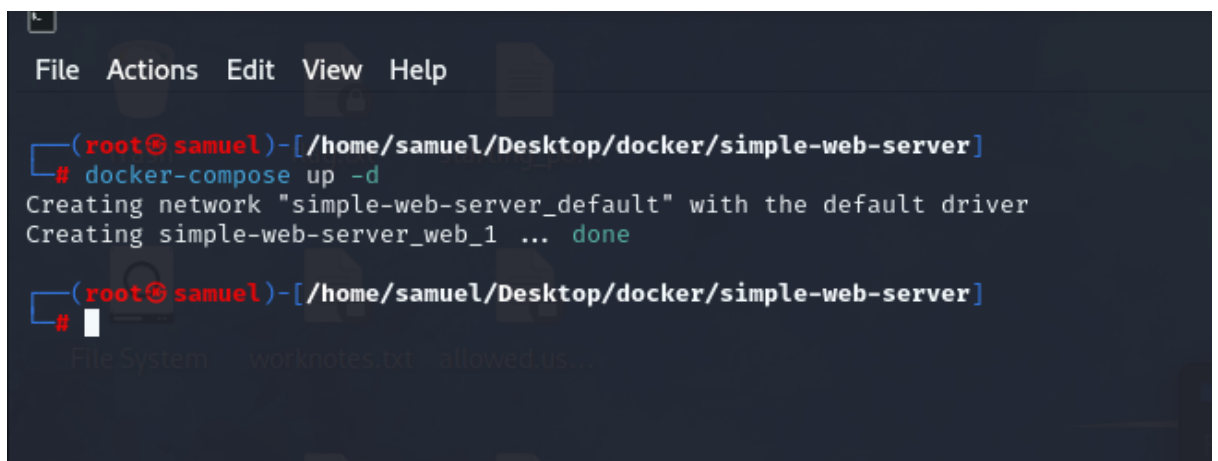
Tasks

1. Creating directory simple-web-server and creating docker-compose file “**docker-compose.yml**”

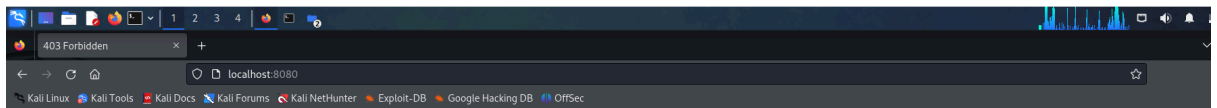


2. Starting the Service: Navigate to the simple-web-server directory in your terminal. Run the following command to start your Docker Compose service:

```
docker-compose up -d
```



3. Accessing Your Web Server: Open your preferred web browser and go to <http://localhost:8080>. You should see your HTML page served by the Nginx web server.



403 Forbidden

nginx/1.25.4

4. Creating an index.html file:

```
(root@samuel)-[/home/samuel/Desktop/docker/simple-web-server]
# ls
docker-compose.yml  html

(root@samuel)-[/home/samuel/Desktop/docker/simple-web-server]
# cd html

(root@samuel)-[/home/.../Desktop/docker/simple-web-server/html]
# touch index.html

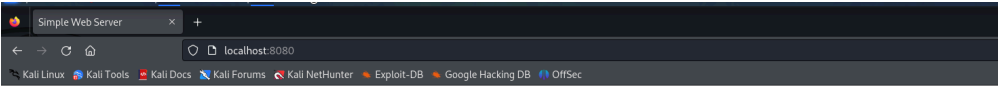
(root@samuel)-[/home/.../Desktop/docker/simple-web-server/html]
#
```

```
(root@samuel)-[/home/.../Desktop/docker/simple-web-server/html]
# gedit index.html

(gedit:119608): tepl-WARNING **: 00:16:58.872: Style scheme 'Kali-Dark' cannot be found, falling back to 'Kali-Dark' default style scheme.
(gedit:119608): tepl-WARNING **: 00:16:58.874: Default style scheme 'Kali-Dark' cannot be found, check your installation.
```

```
index.html
/home/samuel/Desktop/docker/simple-web-server/html

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Simple Web Server</title>
7 </head>
8 <body>
9   <h1>Welcome to Simple Web Server</h1>
10  <p>This is a basic HTML page served by a Dockerized web server</p>
11 </body>
12 </html>
13 |
```



Welcome to Simple Web Server

This is a basic HTML page served by a Dockerized web server