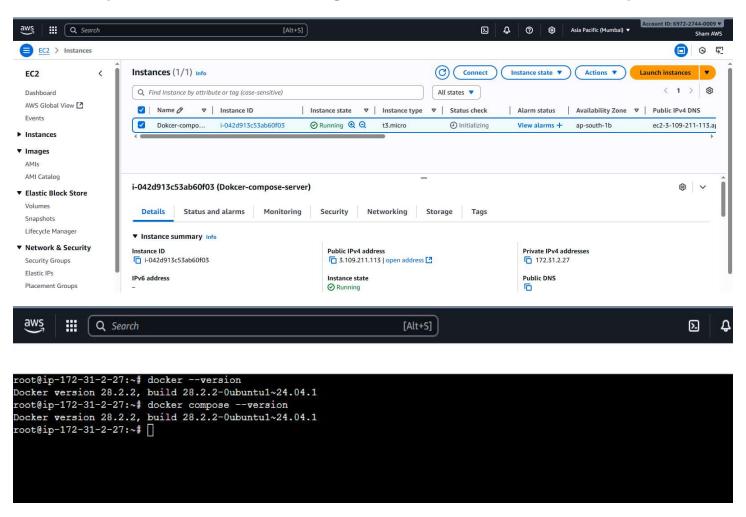
Docker Compose Setup: Three Nginx Containers on Shared Volume and Network.

1. Setup EC2 Server with Configured Docker and Docker Compose.



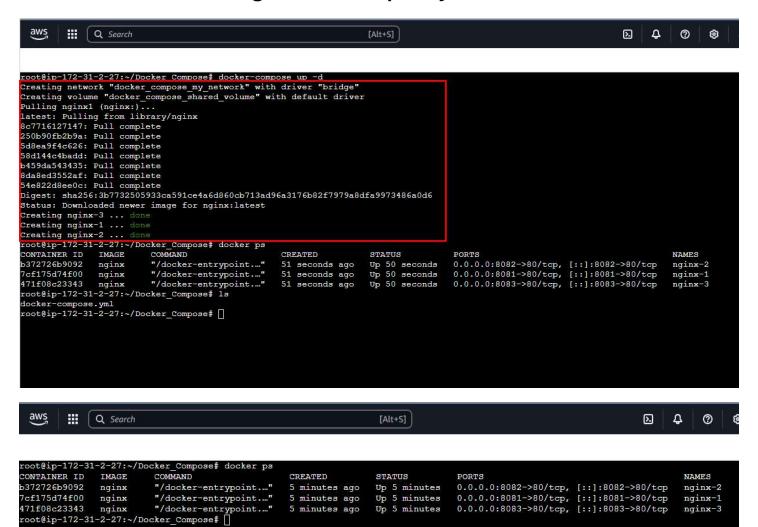
2. Write a Docker-Compose.yml File.

```
cot@ip-172-31-2-27:~* mkdir Docker_Compose
rot@ip-172-31-2-27:~* mkdir Docker_Compose
rot@ip-172-31-2-27:~* to Docker_Compose
rot@ip-172-31-2-27:~* to Docker_Compose
rot@ip-172-31-2-27:~* Docker_Compose* vi docker-compose.yml
rot@ip-172-31-2-27:~* Docker_Compose* cat docker-co
```

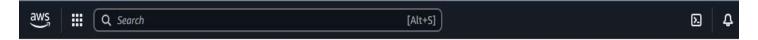
aws | III Q Search [Alt+S]

```
image: nginx
    container_name: nginx-1
   ports:
- "8081:80"
    volumes:
      shared_volume:/usr/share/nginx/html
    networks:
      my_network
 nginx2:
    image: nginx
    container_name: nginx-2
   ports:
       "8082:80"
    volumes:
      - shared_volume:/usr/share/nginx/html
    networks:
      - my_network
 nginx3:
   image: nginx
    container_name: nginx-3
   ports:
       "8083:80"
    volumes:
       shared volume:/usr/share/nginx/html
    networks:
       my network
root@ip-172-31-2-27:~/Docker_Compose#
```

3. Run Container using Docker-compose.yml.

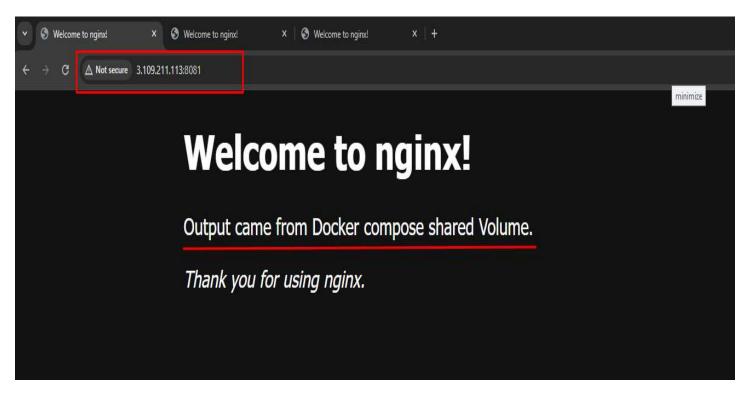


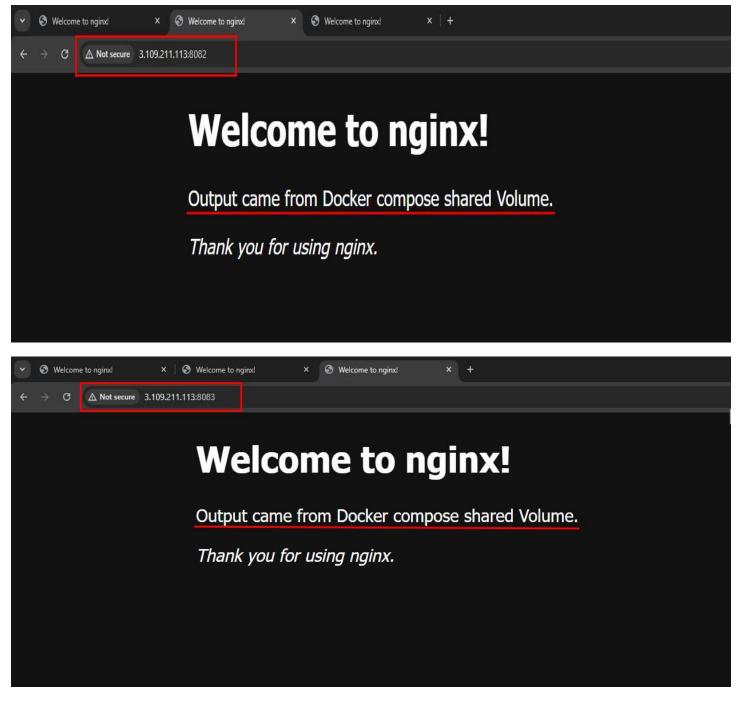
4. Move Application/Website Code into shared Volume.



```
root@ip-172-31-2-27:/# cd /war/lib/docker/volumes/docker compose shared volume,
root@ip-172-31-2-27:/var/lib/docker/volumes/docker_compose_shared_volume# ls
root@ip-172-31-2-27:/var/lib/docker/volumes/docker compose shared volume# cd data/
root@ip-172-31-2-27:/var/lib/docker/volumes/docker_compose_shared_volume/_data# ls
50x.html index.html
root@ip-172-31-2-27:/var/lib/docker/volumes/docker_compose_shared_volume/_data‡ vi index.html
root@ip-172-31-2-27:/var/lib/docker/volumes/docker compose shared volume/ data‡ cat index.html
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
Output came from Docker compose shared Volume.
Thank you for using nginx.
</body>
root@ip-172-31-2-27:/war/lib/docker/volumes/docker compose shared volume/ data#
```

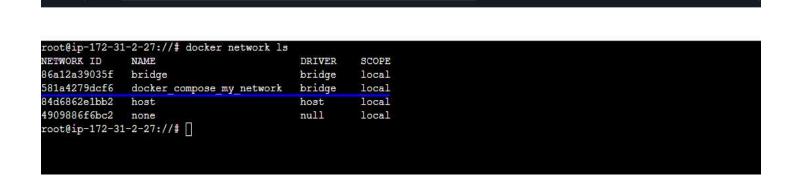
5. Verify Server Output using IP.





6. Verify Networks.

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