



Steps to access Portainer

1. Start Portainer Container:

Run the following command to start the Portainer container:

```
“ docker run -d -p 9000:9000 --restart always -v /var/run/docker.sock:/var/run/docker.sock portainer/portainer-ce:latest ”
```

- `-d`: Runs the container in detached mode (background).
- `-p 9000:9000`: Maps port 9000 on the host to port 9000 inside the container (Portainer's web interface).
- `--restart always`: Configures the container to restart automatically if it stops unexpectedly.
- `-v /var/run/docker.sock:/var/run/docker.sock`: Mounts the Docker Unix socket into the container, allowing Portainer to communicate with the Docker daemon.

2. Verify Portainer Container:

To check if the Portainer container is running, execute:

```
“sudo docker ps”
```

This command lists the running Portainer container.

Accessing Portainer Web Interface

1. **Open a Web Browser:** Launch a web browser (e.g., Firefox, Chrome) on your machine.

2. **Navigate to Portainer:** Enter the following URL in the address bar:

```
http://<server-ip>:9000
```

Replace `<server-ip>` with the IP address of your Ubuntu server where Portainer is running.

3. Set Up Portainer:

- Upon first visit, create an admin user and set a strong password to secure Portainer.
- Choose to manage the local Docker environment if Docker is installed on the same server.



9000/#!/init/admin

portainer.io

✓ New Portainer installation

Please create the initial administrator user.

Username

Password

Confirm password

⚠ The password must be at least 12 characters long.

Create user

☒ Allow collection of anonymous statistics. You can find more information about this in our [privacy policy](#).

> Restore Portainer from backup

4. Timeout Issue Resolution:

If you're experiencing a timeout error while accessing `http://<server-ip>:9000` due to issues with the container, restarting the container typically resolves the problem. Follow these commands to do so:

```
docker stop <container_name_or_id>
```

```
docker start <container_name_or_id>
```

5. Log In to Portainer:

After setting up the admin user, you'll be redirected to the Portainer dashboard. From here, you can manage Docker containers, images, volumes, and networks efficiently.

Following these steps will enable you to access and utilize Portainer for Docker container management on your Ubuntu server with ease.