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# *Uninstalling A local Docker Registry*

*Uninstalling a local Docker registry involves stopping the registry container, removing it, and cleaning up the system by removing any associated data. Below is a step-by-step guide for doing this.*

## 1. Stop the Local Docker Registry Container

*If the local Docker registry is running as a container, stop it first:*

```
# docker ps -a
```

** Find the container ID or name for your registry **

```
# docker stop <container_name_or_id>
```

** Stop the registry container **

## 2. Remove the Docker Registry Container

*Once stopped, you can remove the container:*

```
# docker rm <container_name_or_id>
```

** Remove the stopped registry container **

### 3. Remove the Local Docker Registry Image

*If you want to remove the Docker image of the registry:*

```
# docker images
```

** Find the registry image name **

```
# docker rmi <image_name_or_id>
```

** Remove the image **

```
# docker rmi -f <image_name_or_id>
```

** Remove the images by force **

## 4. Delete the Local Data (Optional)

*If your Docker registry is configured to store images in a local directory (e.g., /var/lib/registry), you should delete that data to free up space and clean up completely. Be careful with this step, as it will delete all stored images.*

```
# sudo rm -rf /path/to/your/registry/data
```

** Delete the registry data **

*For the default Docker registry, this would typically be:*

```
# sudo rm -rf /var/lib/registry
```

** Remove the registry's storage directory **

## 5. Clean Up Any Volumes (Optional)

*If you're using Docker volumes to persist data (e.g., for the registry's storage), you should remove those as well:*

```
# docker volume ls
```

** List volumes**

```
# docker volume rm <volume_name>
```

** Remove the volume **

## 6. Remove any Configuration Files (Optional)

*If you've configured the Docker registry with custom configurations (e.g., in a config.yml file), you may want to delete those as well:*

```
# sudo rm -f /path/to/your/registry/config.yml
```

** Remove configuration file **

## 7. Remove Networking Configurations (Optional)

*If you configured a custom Docker network for the registry, you can remove it:*

*The * Bridge , Host , None * network is a pre-defined, default network in Docker and cannot be removed. It's specifically used for containers that are not connected to any network. Docker prevents its removal to avoid breaking default functionality.*

*You should not try to remove it or force it because it's integral to Docker's networking setup, and removing it could cause unexpected behavior for containers that rely on it.*

*If you're encountering issues with networks, it's better to focus on cleaning up unused or custom networks that you've created.*

```
# docker network ls
```

* List networks *

```
# docker network rm <network_name>
```

* Remove custom network *

## 8. Clean Up Unused Docker Resources (Optional)

*To ensure there are no leftover containers, images, or volumes, run the following:*

```
# docker system prune -a
```

* Remove unused containers, networks, and images*

*After following these steps, your local Docker registry should be uninstalled completely. If you had any custom setup (like using a proxy or a specific configuration), you may need to reverse those changes as well.*