# Building Your Own
# Private Docker Registry

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LINUX SYSTEM ADMINISTRATOR

www.bootstrap-it.com/docker-images  | www.bootstrap-it.com/blog

# Opening RHEL/CentOS Firewalls

```
firewall-cmd --zone=public --add-port=5000/tcp
firewall-cmd --zone=public --add-port=5000/tcp --permanent
```

# Docker Registry Installation

## Direct installation

**Install Docker Registry using your distribution package manager**

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## Registry image

Run Docker Registry itself as a Docker image-based container

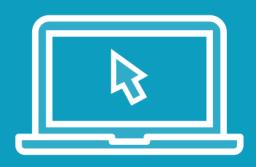# Installing Docker Registry From a Software Repository

# Demo

**Install Docker Registry from repos**

Confirm DR installed properly

Push an image to DR

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# Docker Image Storage

# Docker Registry Storage Directory (Container):

```
/var/lib/docker/volumes/
c5df9d1ab5cd745d8b3e8eed31d79c5d950fcd7f814616449c7a9ab7a490
b84c/_data/docker/registry/v2/repositories/hello-world/
```

# Summary

**apt install docker-registry**

docker run -p 5000:5000 registry:latest

docker tag hello-world localhost:5000/hello-world:latest

/var/lib/docker-registry/

/var/lib/docker/volumes/<volume_name>/_data/docker/registry/v2/repositories/hello-world/

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