

Deploying the Image and Running the Container



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Module Overview



Running the Angular container locally

Running the Angular container using the VS Code Docker extension

Image registry options

Deploying the Angular runtime image to a registry

Running the Angular container in Azure



Running the Angular Container Locally



Running the Angular Container Using the VS Code Docker Extension



Image Registry Options



Images and Container Registries



Docker Image

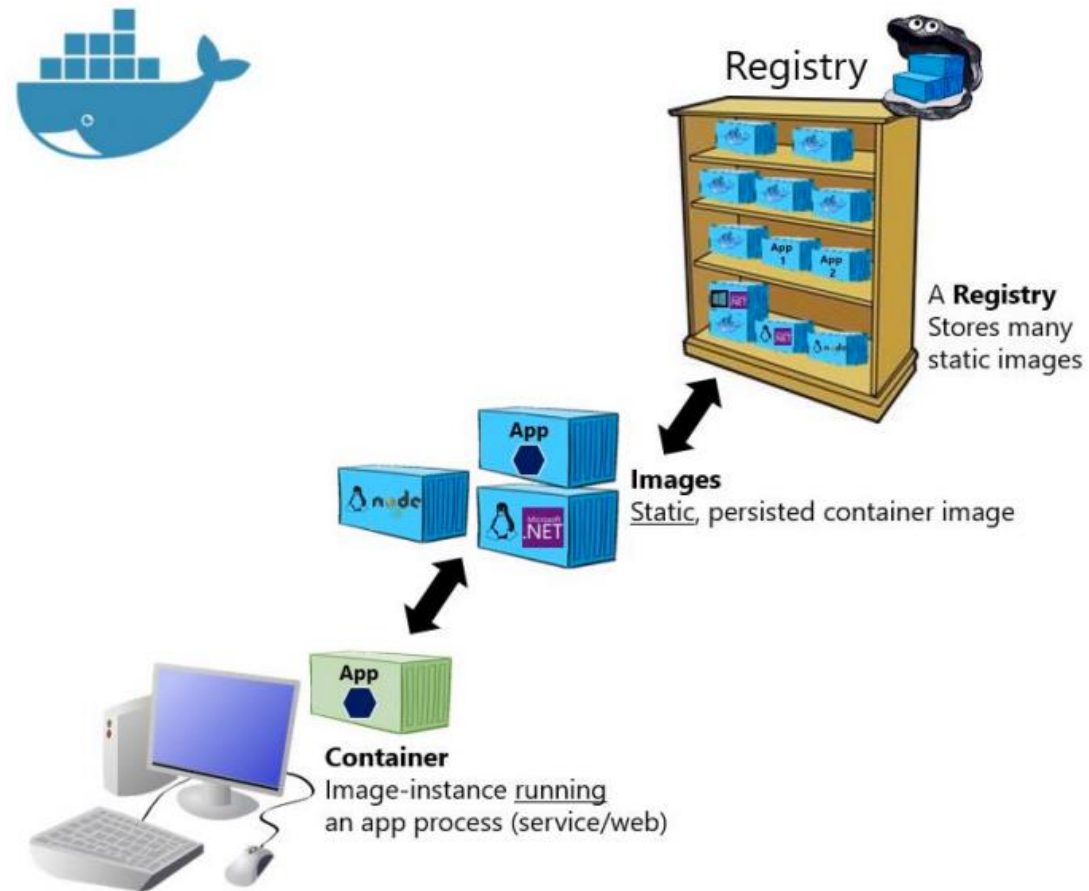
Docker images need to be stored in an accessible area



Container Registry

A container registry stores Docker images

Docker Registries, Images, and Containers



Container Registries

- Docker images can be stored in the cloud or onsite using "container registries"
- Container registry options:
 - Docker Hub
 - Azure Container Registry
 - Amazon EC2 Container Registry
 - Private registry
 - Others...



Private/Onsite Container Registry

- **Docker Hub is a cloud-based service for hosting public or private images**

Docker Registry

Estimated reading time: 1 minute

What it is

The Registry is a stateless, highly scalable server side application that stores and lets you distribute Docker images. The Registry is open-source, under the permissive [Apache license](#).

Why use it

You should use the Registry if you want to:

- tightly control where your images are being stored
- fully own your images distribution pipeline
- integrate image storage and distribution tightly into your in-house development workflow

<https://docs.docker.com/registry>



Deploying the Angular Runtime Image to a Registry



Running the Angular Container in Azure



Summary



Use `docker run` or the VS Code Docker extension to start/stop a container

In addition to Docker Hub, cloud providers also offer image registries

The `docker push` command can be used to push an image to a registry

Azure (as well as other cloud providers) offers several options for running containers

