Shrikrishna Holla

Section 1

Recollecting Docker Basics

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In this Section, we are going to take a look at...

- Docker internals
- Command line
- Dockerfile

Mastering Docker

Shrikrishna Holla

Video 1.2

Recollecting Docker Concepts

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In this Video, we are going to take a look at...

- What is Docker
- Containers versus virtual machines
- cgroups, namespaces, copy-on-write
- Volumes

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Docker Internals

- What is Docker

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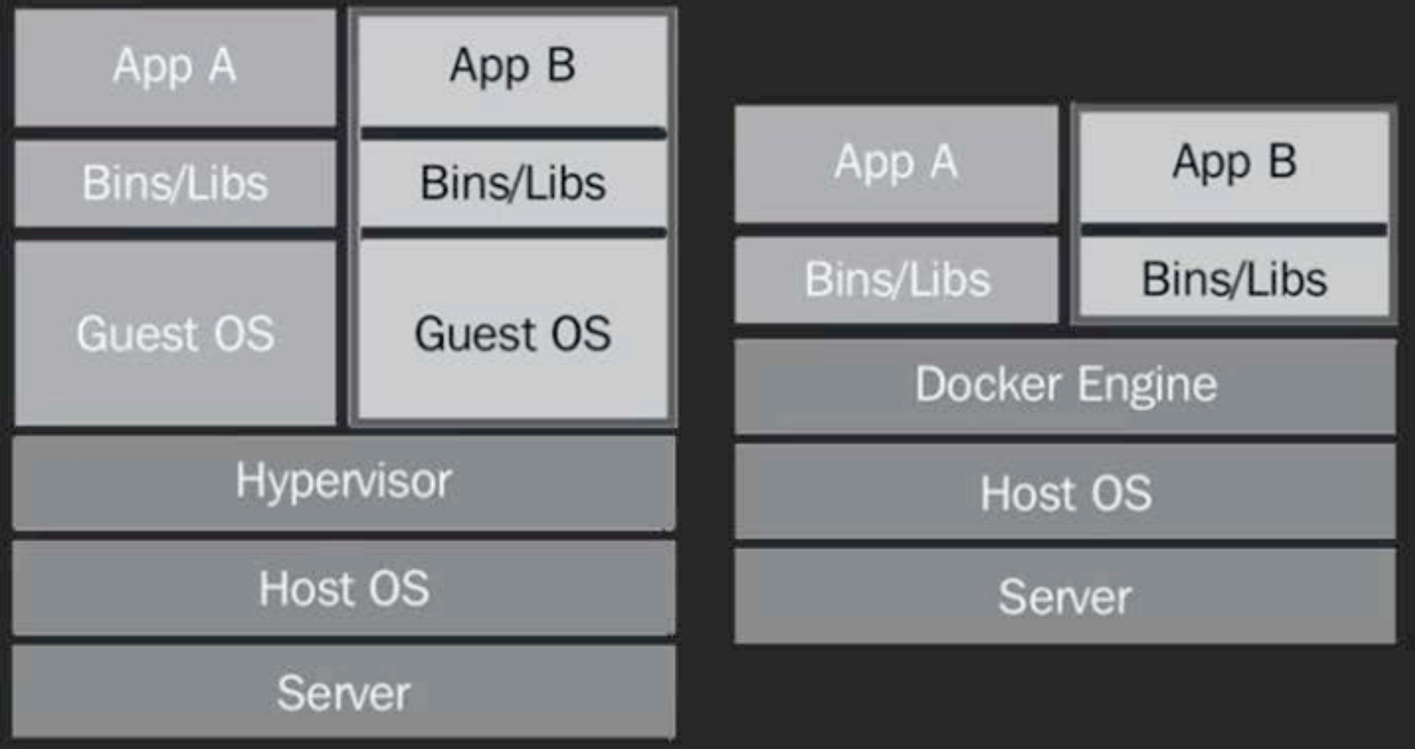
Virtual Machines Versus Containers



Source: "Orchestrating Docker", ISBN: 9781783984787

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Docker Internals

- OS containerization
- Virtual filesystems
- Data persistence
- Networking sandbox

OS Containerization

- Namespaces
- cgroups
- capabilities
- seccomp
- apparmor

and so on ...

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Virtual (Union) Filesystems

Source: "Orchestrating Docker", ISBN: 9781783984787

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Data Volumes

- Share data between containers
- Share data between the container and the host
- Persist data

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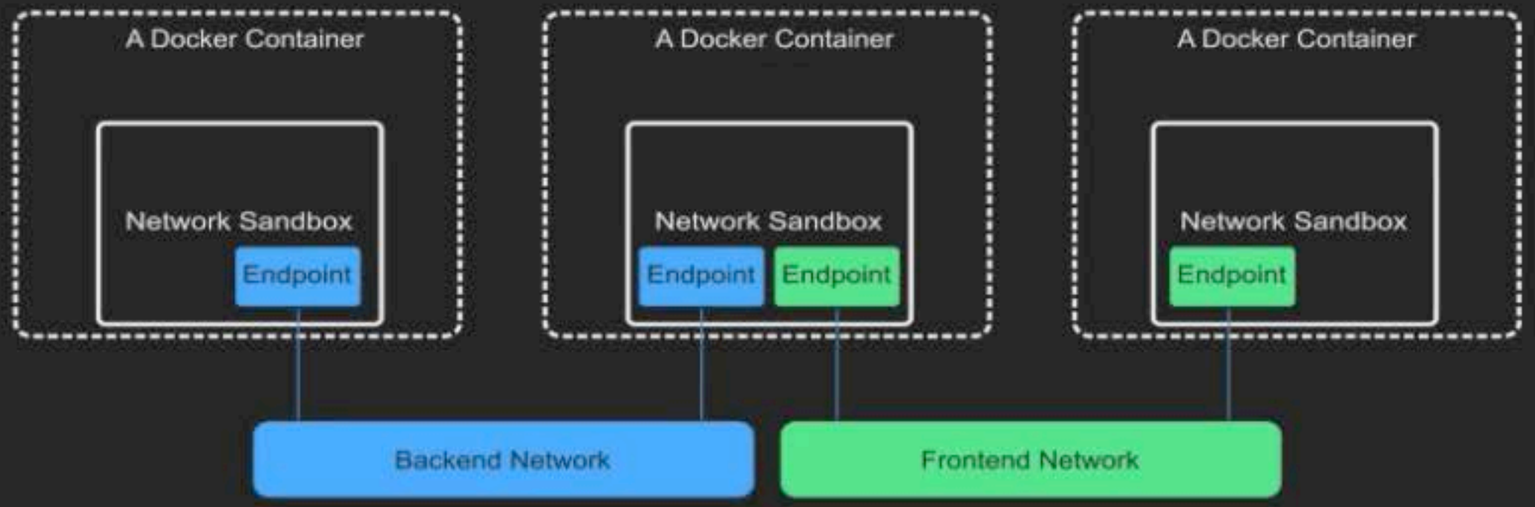
Container Networking Model



Source: https://blog.docker.com/2015/04/docker-networking-takes-a-step-in-the-right-direction-2/

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Next Video

Docker CLI Commands

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