

Do you know Google runs its Gmail, YouTube, Search and most of its application inside containers?

Google runs average of 2 Billion Containers every week.



Containers

Concept

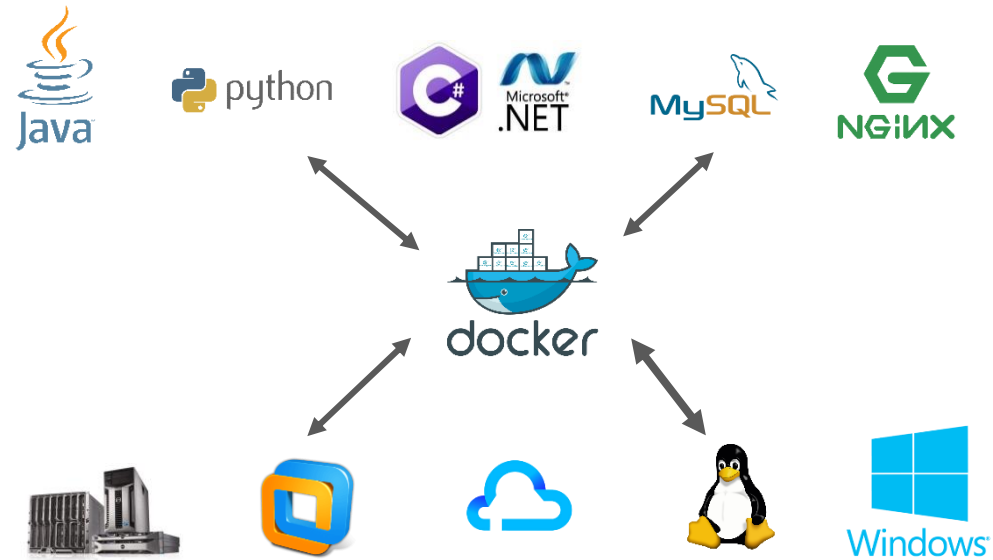
Objectives

1. Containers in general
2. Containers in IT
3. Container Architecture
4. Advantages
5. Container Engines





What are Containers?

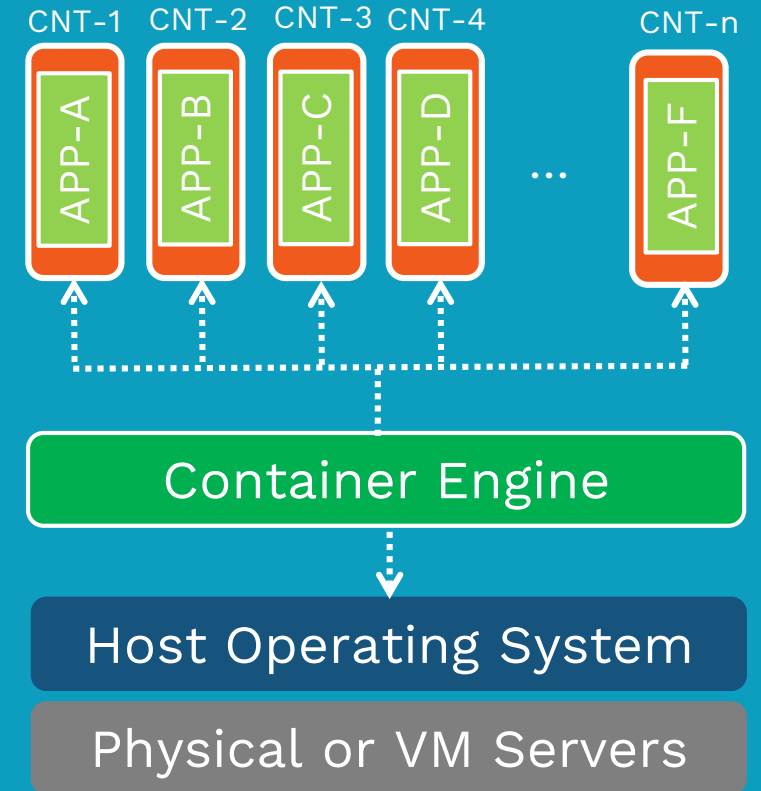


Container Architecture

- Containers virtualize at the OS level

Benefits:

- Very light weight
- Boots up in seconds
- Takes fraction of disk and memory space



Advantages

Portability

Resources efficiency

Isolation

Speed

Scaling

Container Engines

Docker

Rocket (rkt)

Summary

1. Containers in general
2. Containers in IT
3. Container Architecture
4. Advantages
5. Container Engines

Coming up...

Physical Server vs. VM vs. Containers