

HARVARD BUSINESS ANALYTICS PROGRAM

Computation at Scale

Front End

Back End

Waterfall Model

Agile Software Development

Version Control

On-Premise

Co-Location

Vertical Scaling

Horizontal Scaling

Load Balancing

High Availability

99%

Daily: 14 minutes

Weekly: 2 hours

Monthly: 7 hours

Yearly: 4 days

99.999%

Daily: 1 second

Weekly: 6 seconds

Monthly: 26 seconds

Yearly: 5 minutes

Cloud Computing

Infrastructure as a Service (IaaS)

Platform as a Service (PaaS)

Function as a Service (FaaS)

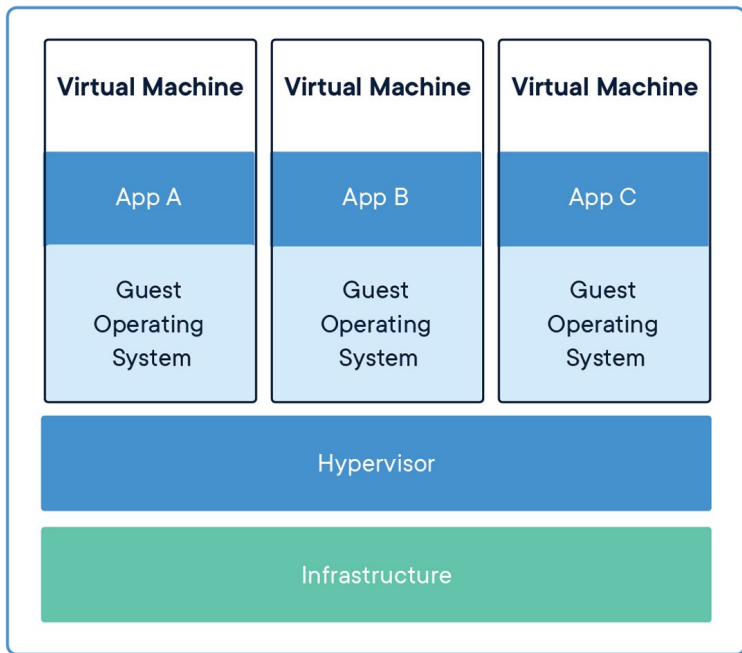
Serverless

Backend as a Service (BaaS)

Software as a Service (SaaS)

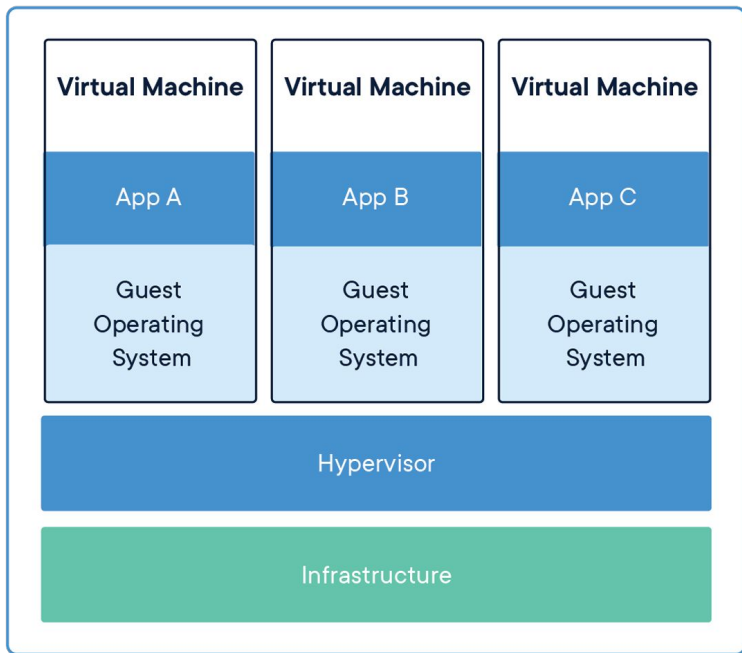
No-Code

Virtualization

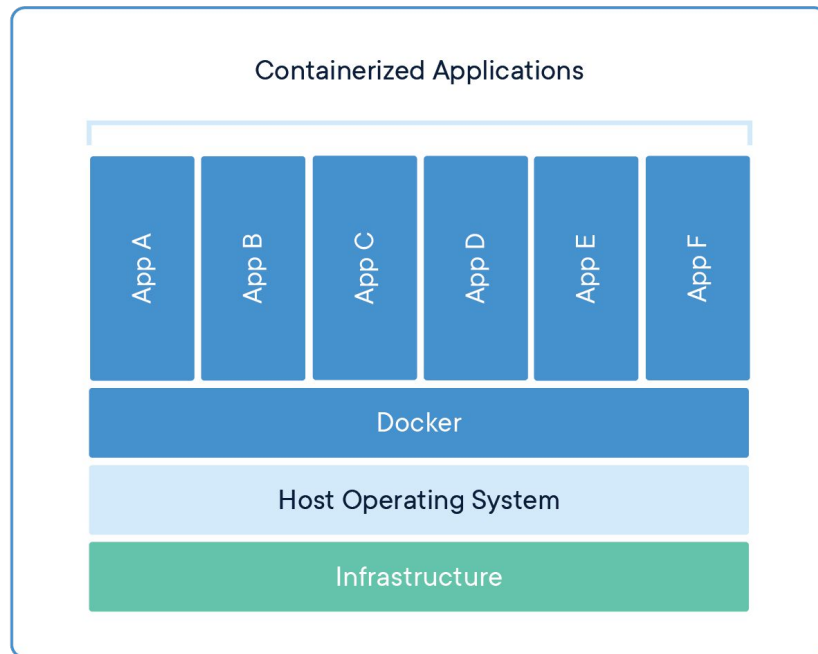
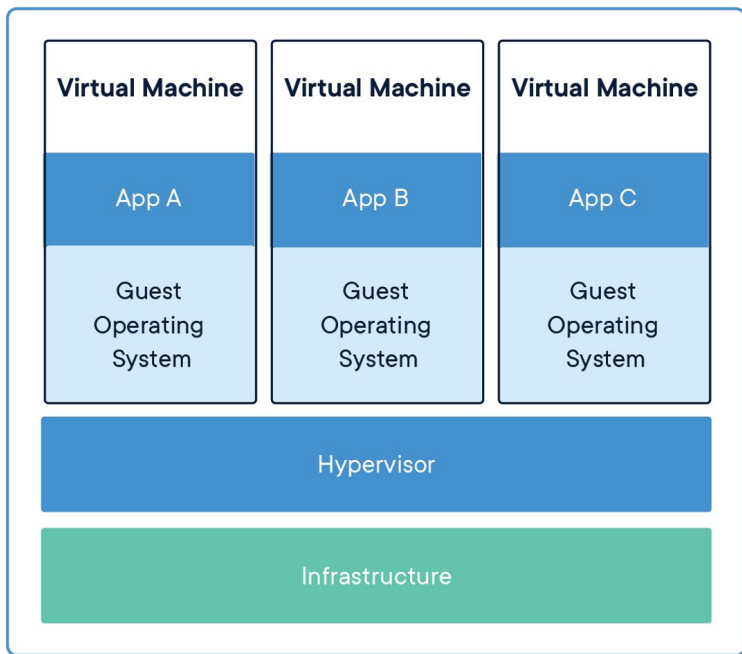


docker.com

Containerization



docker.com



docker.com

Edge Computing

Big Data

Data Lifecycle Management

Computation at Scale