

Most people are familiar with **Kubernetes**
as one of the best Container Orchestration Engine (COEs)

And what are the **other two top COEs?**



TOP 3

Container Orchestration Engines

Concept

Objectives

1. Top 3 Container Orchestration Engines (COEs)
2. Marathon by Apache Mesos
3. Docker Swarm
4. Kubernetes
5. Cloud specific COEs
6. Choosing COEs

TOP-3 Container Orchestration Engines

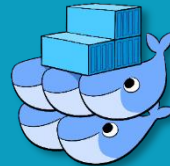
Marathon

Apache Mesos



Docker Swarm

Docker Inc.



Kubernetes

CNCF



Marathon

Apache Mesos



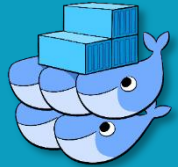
- Apache Mesos is an open-source Cluster Manager
- Marathon framework for Containers Orchestration
- Has more than 20 frameworks
- More complex architecture than Swarm

Typical users of Apache Marathon:

- Large enterprises
- Which requires lot of compute such as Big data
- Driven by developers
- Need an ops team to manage

Docker Swarm

Docker Inc.



- Written in Golang
- Easy to understand and get started
- Simple architecture than Kubernetes and Mesos

Typical users of Apache Marathon are:

- Smaller teams (startup and medium-size companies)
- Typically greenfield projects
- Developer-driven teams who need to deploy products

Kubernetes

CNCF



Cloud Specific Container Services



Google
Kubernetes Engine (GKE)

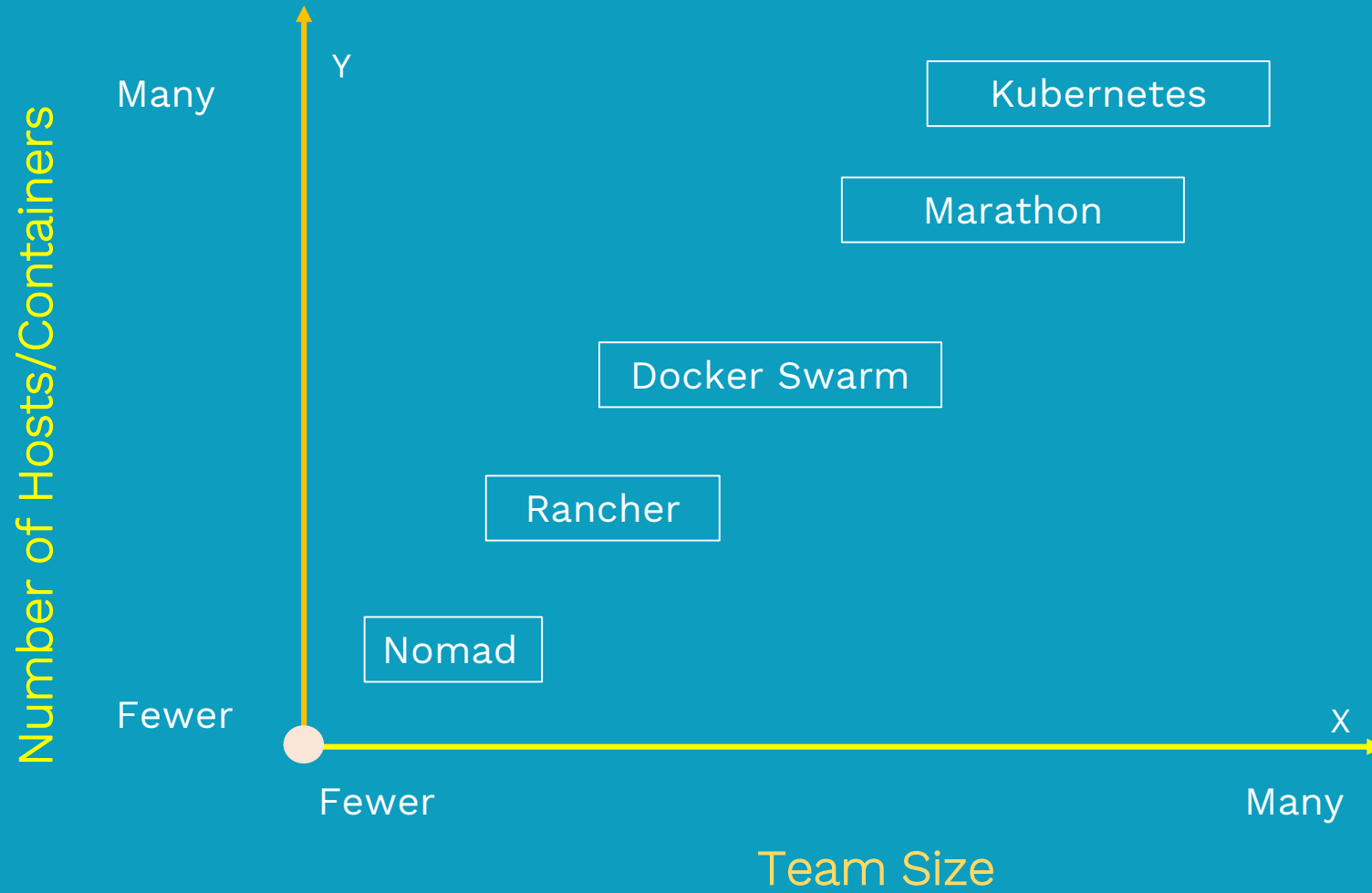


EC2
Container Service



Azure
Container Service

Choosing Orchestrator



Summary

1. Top 3 Container Orchestration Engines (COEs)
2. Marathon by Apache Mesos
3. Docker Swarm
4. Kubernetes
5. Cloud specific COEs
6. Choosing COEs

Coming up...

What & Why Kubernetes