

Google runs average of 2 Billion Containers every week

- How are these containers created and managed at such large scale?
- How do all these containers connect and communicate?
- How do you scale these containers as per the traffic demands?



Container Orchestration Engine

Concept

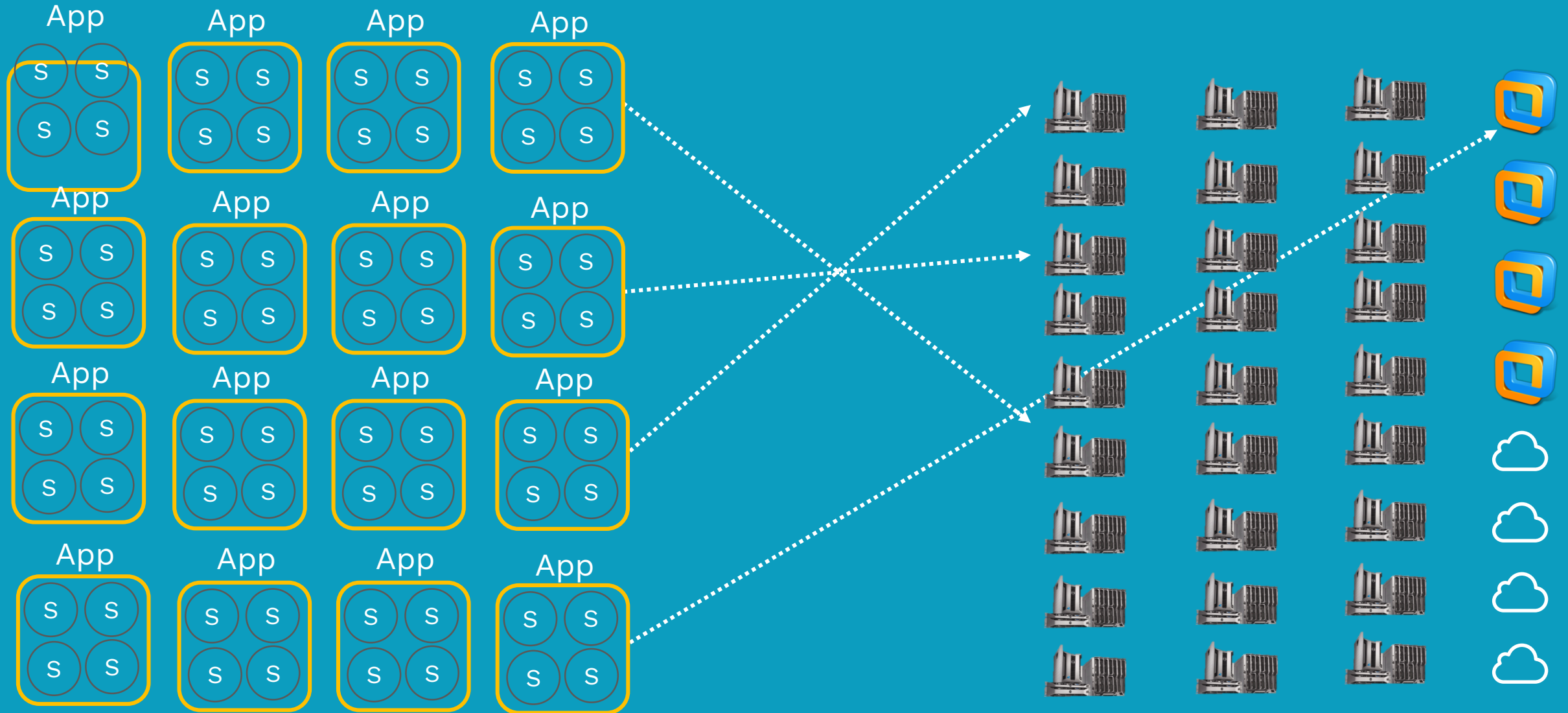
Objectives

1. When COE is not always required?
2. But, when that will be a problem?
3. What is Container Orchestration Engine?
4. COE Features

COE is not always required



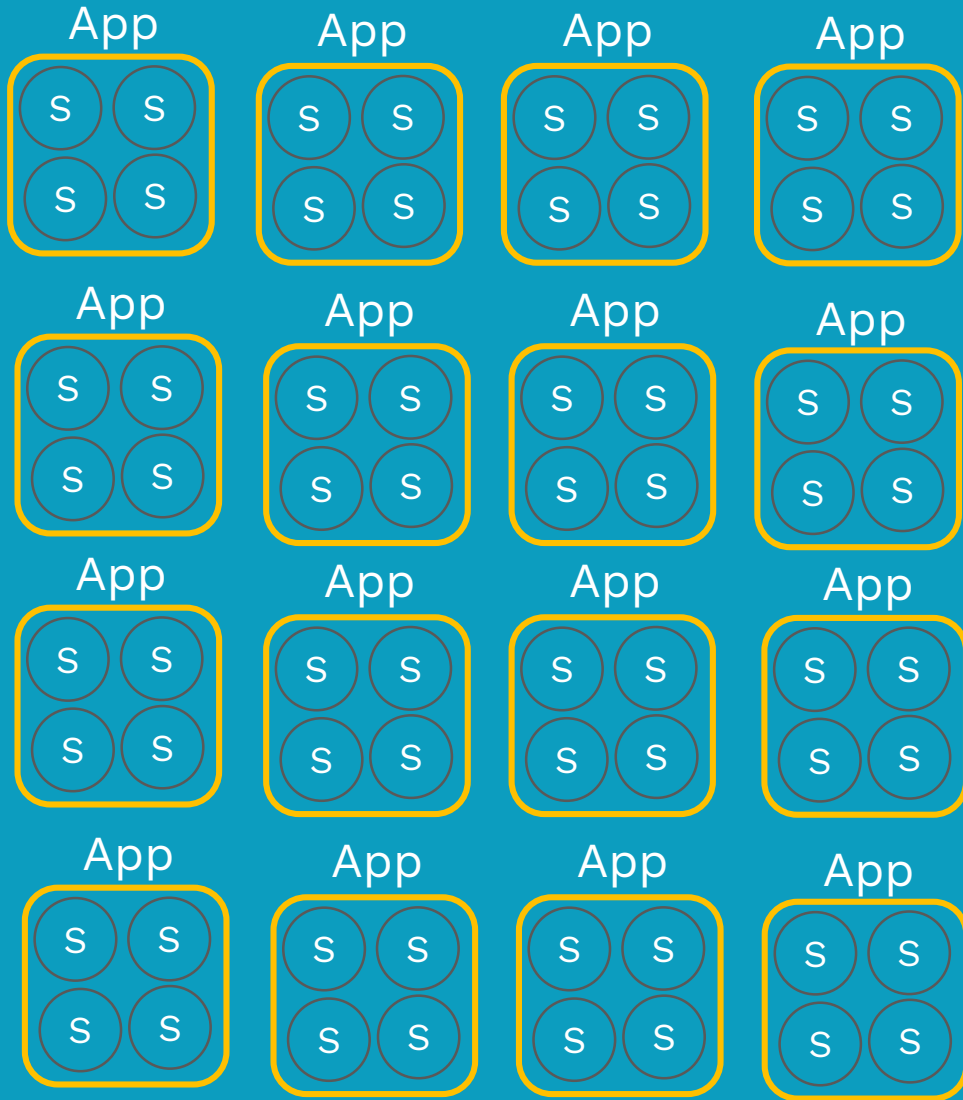
Here is the problem...



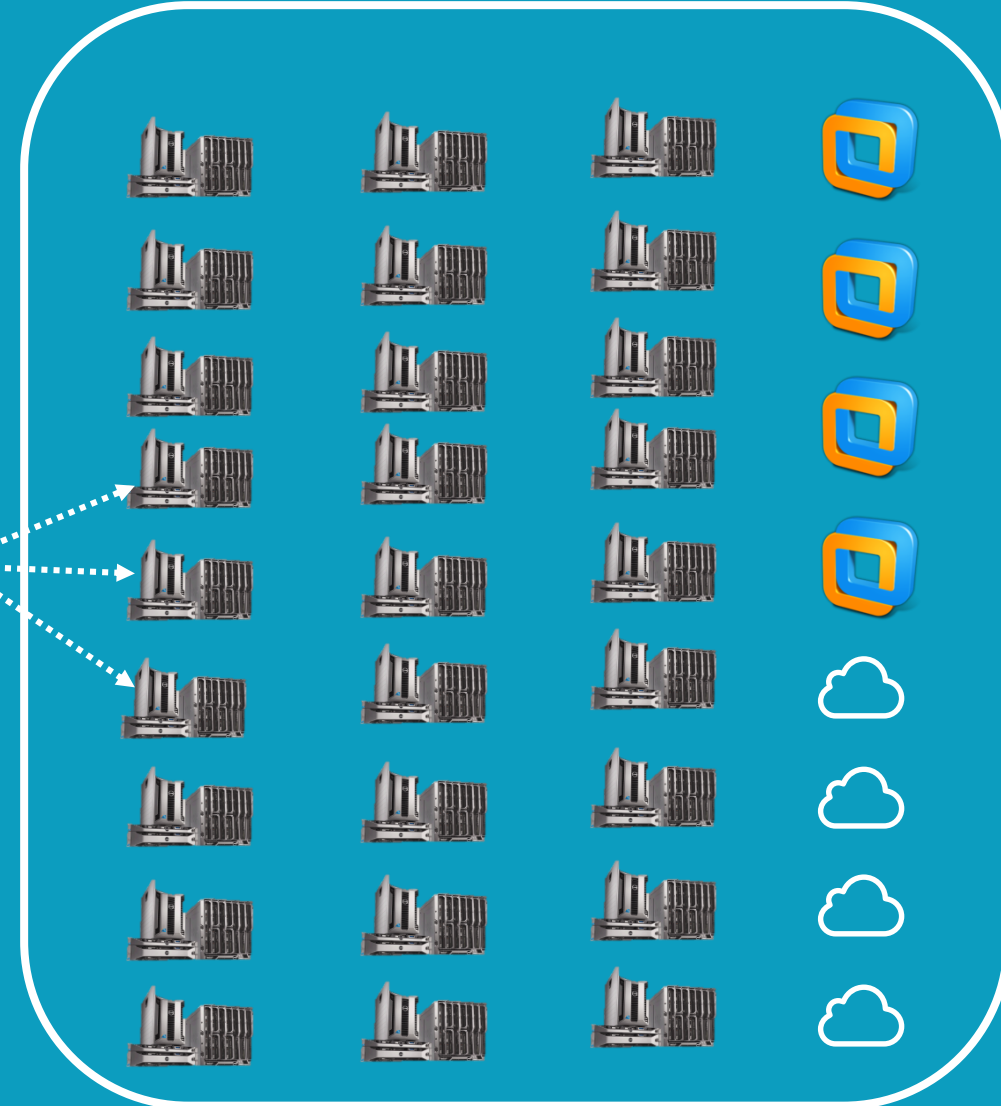
Container Orchestration Engine

Container Orchestration Engine automates **deploying, scaling, and managing** containerized applications on a group of servers.

Container Orchestration Engine

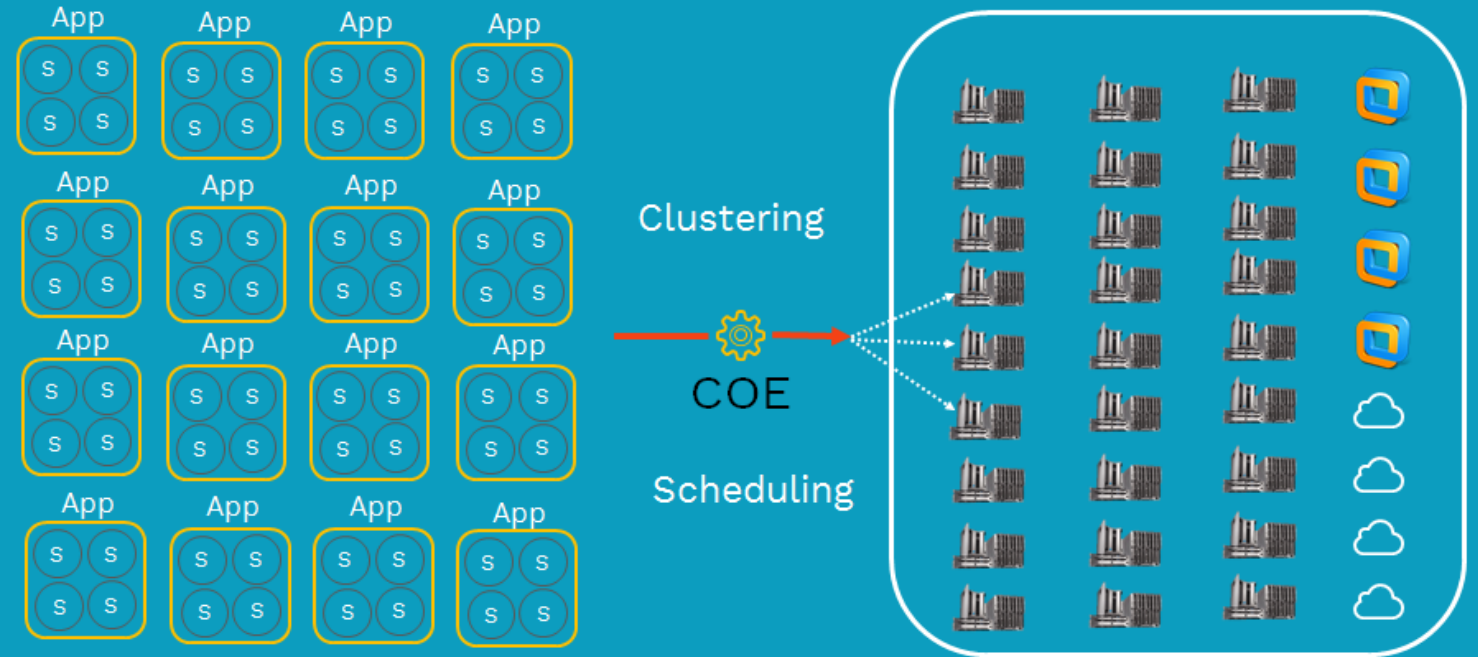


Clustering



COE - Features

- Clustering
- Scheduling
- Scalability
- Load balancing
- Fault tolerance
- Deployment



Summary

1. When COE is not always required?
2. But, when that will be a Problem?
3. What is Container Orchestration Engine?
4. COE Features

Coming up...

TOP 3

Container Orchestration Engines