DC/OS ENABLES MODERN DISTRIBUTED APPS

Modern App Components

Microservices (in containers)

Functions & Logic

Big Data + Analytics Engines

Streaming
Batch
Machine Learning

Analytics

Search
Time Series
SQL / NoSQL

Databases

Ecosystem of frameworks & apps

Consistent architecture to run on top of kernel

Datacenter Operating System (DC/OS)

Container Orchestration
Security & Governance
Monitoring & Operations
User Interface

User Interface (GUI & CLI)

Core system services (e.g., distributed init, cron, service discovery, package mgt & installer, storage)

Distributed Systems Kernel (Mesos)

Distributed systems kernel to abstract resources

Any Infrastructure (Physical, Virtual, Cloud)