

使用Rancher 2.0 管理Kubernetes集群



Agenda

- Overview
- Cluster provisioning
- Cluster management
- Workload management
- Pipeline/Alerting/Logging
- Q&A

2.0 Overview



**COMPLETE
CONTAINER
MANAGEMENT
PLATFORM**

Application Workload Management
User Interface • App Catalog • CI/CD • Monitoring • Logging

Unified Cluster Management
Provisioning • User Auth • RBAC • Policy • Security • Capacity • Cost

Rancher Kubernetes Engine
(RKE)
vSphere, Bare metal

aws
EKS

 **Google**
Cloud Platform
GKE

 **Microsoft**
Azure
AKS

Cluster provisioning

- Rancher Kubernetes Engine(RKE)
 - Digital Ocean
 - AWS
 - vSphere
 - Custom
- Google Kubernetes Engine(GKE)
- Azure Kubernetes Service (AKS)
- Import

Cluster management

- Node
- Project/Namespaces
- RBAC
- Storage
-

Workload management

- Unified UI for deployment/daemonset/statefulset/cronjob...
- Service Discovery
 - Create headless service for workload
 - Create external service
- Load Balancing
 - use nginx ingress controller
- Volume

Pipeline/Alerting/Logging

- Pipeline
- Alerting
- Logging

An isometric illustration of a ranch scene. In the foreground, there's a large blue building with a glass door and a green building with a glass wall. A wooden fence runs across the middle ground. Behind the fence, there's a pond with a white cow and a brown bull. A windmill stands near the pond. To the right, there's a red barn with a white silo. The background features more colorful buildings and a light blue sky.

Thank you