CNCF Cloud Native Landscape

2020-12-21T08:31:11Z b24a5625

Overwhelmed? Please see the CNCF Trail Map. That and the interactive landscape are at l.cncf.io

App Definition and Development

Database

- MariaDB
- mongoDB
- MySQL
- neo4j
- PostgreSQL
- redis

Streaming & Messaging

- APACHE Spark
- kafka

Build

- HELM
- OPENAPI INITIATIVE

Continuous Integration & Delivery

- Jenkins

Orchestration & Management

Scheduling & Orchestration

- kubernetes

Coordination & Service Discovery

- CoreDNS
- etcd

Remote Procedure Call

- gRPC

Service Proxy

- HAPROXY
- NGINX Part of F5
- træfik proxy

API Gateway

- Kong

Service Mesh

- HashiCorp Consul
- Istio
- Open Service Mesh
- Service Mesh Interface
- træfik mesh

Runtime

Cloud Native Storage

- Amazon Elastic Block Store (EBS)
- Azure Disk Storage
- CSI
- Google Persistent Disk
- portworx by Pure Storage

Container Runtime

- containerd

Cloud Native Network

- aviatrix
- CNI
- PROJECT CALICO

Provisioning

Automation & Configuration

- HashiCorp Terraform

Container Registry

- Amazon ECR
- Azure Registry
- docker REGISTRY
- JFrog Artifactory

Security & Compliance

- clair
- OpenSCAP
- Notary
- nexus repository
- Open Policy Agent

Key Management

- KEYCLOAK
- HashiCorp Vault

Education

Training

Platform

Certified Kubernetes - Distribution

Certified Kubernetes - Hosted

- Azure Kubernetes Service (AKS)
- Google Kubernetes Engine

Certified Kubernetes - Installer

- RANCHER

Observability and Analysis

Monitoring

- DATADOG