Opening Keynote: Cloud Native in China

Dan Kohn, CNCF executive director
Thank you diamond sponsors!
Thank you platinum sponsors and gold sponsor!
Cloud Native Computing Foundation

• Non-profit, part of the Linux Foundation; founded Dec 2015

Graduated

- Kubernetes
  - Orchestration
- Prometheus
  - Monitoring
- Software Update Spec

Incubating

- OpenTracing
  - Distributed Tracing API
- Fluentd
  - Logging
- GRPC
  - Remote Procedure Call
- CoreDNS
  - Service Discovery
- NATS
  - Messaging
- Linkerd
  - Service Mesh
- Helm
  - Package Management
- Rook
  - Storage

• Platinum members:
Today the Linux Foundation is much more than Linux

Security
We are helping global privacy and security through a program to encrypt the entire internet.

Networking
We are creating ecosystems around networking to improve agility in the evolving software-defined datacenter.

Cloud
We are creating a portability layer for the cloud, driving de facto standards and developing the orchestration layer for all clouds.

Automotive
We are creating the platform for infotainment in the auto industry that can be expanded into instrument clusters and telematics systems.

Blockchain
We are creating a permanent, secure distributed ledger that makes it easier to create cost-efficient, decentralized business networks.

Web
We are providing the application development framework for next generation web, mobile, serverless, and IoT applications.

Let's Encrypt

Distributed Networking

Cloud Native Computing Foundation

Automotive Grade Linux

Hyperledger

Node.js

We are regularly adding projects; for the most up-to-date listing of all projects visit tlfprojects.org
CNCF Builds Sustainable Ecosystems

Projects

Profits

Products
My 6th Trip to China in 2018
CNCF Projects from China

3 Sandbox projects have been contributed to CNCF by Chinese companies
The First KubeCon + CloudNativeCon China
Certified Kubernetes Conformance

cncf.io/ck
76 Certified Kubernetes Partners
22 Certified Kubernetes Partners in China
69 Kubernetes Certified Service Providers
15 Kubernetes Certified Service Providers in China
18 Kubernetes Training Partners (KTP)
6 Kubernetes Training Partners (KTP) in China
China Growth

December 2015
1 Platinum

November 2018
3 Platinum
3 Gold
33 Silver and Other
69 Companies in the End User Community

Plus 7 non-public members
KubeCon + CloudNativeCon Attendance
KubeCon + CloudNativeCon China 2019

Returning to Shanghai June 24-26, 2019
Honoring the Parent of Open Source in China

Professor Lu Shouqun, Honorary Chairperson, China OSS Promotion Union (COPU)
Welcoming CNCF’s 19th incubating project

And the first project developed primarily in China