



# What does the CNCF actually do?

Monday 19 March 2018, Cloud Native and Kubernetes Oslo

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# Cheryl

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Cloud Native London

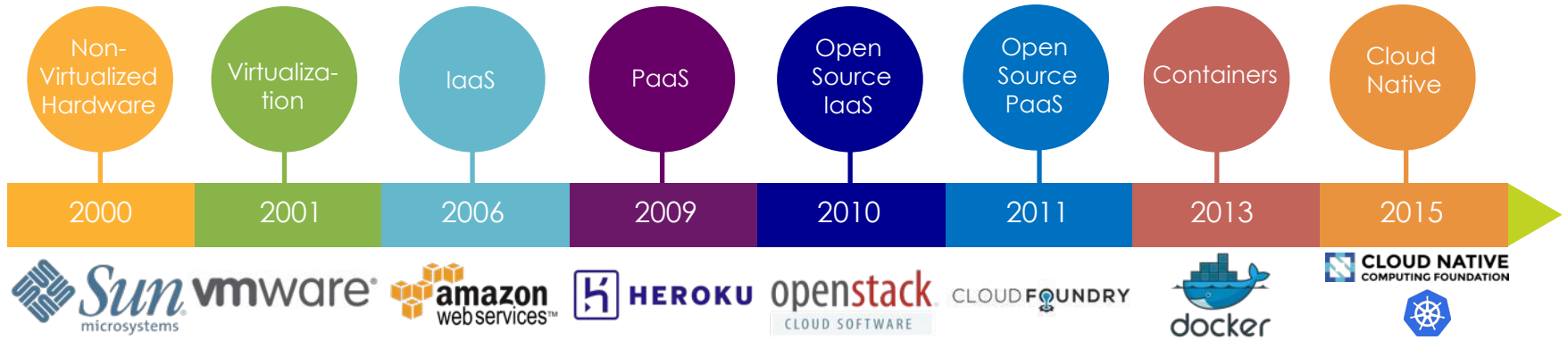
@oicheryl



# What is the CNCF?



# Non-profit, part of Linux Foundation



# Cloud Native is...

Distributed systems + scalability + resilience  
+ agility + efficiency + portability

=> Microservices, containers, orchestration  
...serverless?

# CNCF hosted projects

1. Inception - Aligned with Cloud Native, Apache licensed, CNCF own trademarks
2. Incubating - 3+ independent end users
3. Graduated - Committers from 2+ organizations, public governance



About Projects

# The Cloud Native Computing Foundation Reaches 178 Members

By Kristen Evans | March 6, 2018 | Announcement



# Cloud Native Landscape

v2.0

See the interactive landscape at [landscape.cncf.io](https://landscape.cncf.io)

Greyed logos are not open source

**App Definition & Development**

Database & Data Warehouse:

Streaming:

Source Code Management:

Application Definition:

Continuous Integration / Continuous Delivery (CI/CD):

**Orchestration & Management**

Scheduling & Orchestration:

Coordination & Service Discovery:

Service Management:

**Runtime**

Cloud-Native Storage:

Container Runtime:

Cloud-Native Network:

**Provisioning**

Host Management / Tooling:

Infrastructure Automation:

Container Registries:


Secure Images:

Key Management:

**Cloud**

Public:

Private:

  
[github.com/cncf/landscape](https://github.com/cncf/landscape)

*This landscape is intended as a map through the previously uncharted terrain of cloud native technologies. There are many routes to deploying a cloud native application, with CNCF Projects representing a particularly well-traveled path.*

**CLOUD NATIVE LANDSCAPE**  
**CLOUD NATIVE COMPUTING FOUNDATION**  
Redpoint #Amplify

**Platforms**

Certified Kubernetes - Distribution:

Certified Kubernetes - Platform:

Non-Certified Kubernetes:

Platform/Container Service:

**Observability & Analysis**

Monitoring:

Logging:

Tracing:

Serverless:

**Special**

Kubernetes Certified Service Provider:



# How do you get involved?



# Why should you get involved?

Kubernetes is the Linux  
of the cloud

*Jim Zemlin, Linux foundation*



# Learn and get certified

- Online resources (docs, mailing lists, Slack)
- Certified Kubernetes Administrator -> Kubernetes Certified Service Provider

# Attend, speak at and sponsor events

- Meetups!
- KubeCon + CloudNativeCon
  - Copenhagen, May 2-4
  - Shanghai, November 14-15
  - Seattle, December 11-13

# Influence direction

- Contribute to CNCF projects (and donate your own)
- Join online meetings for working groups and Technical Oversight Committee
- Get elected to the TOC



# Thanks

Slides at [oicheryl.com](https://oicheryl.com)

