What’s New in Cloud Foundry

Chip Childers
Chief Technology Officer, Cloud Foundry Foundation
What’s new?
A full open source software stack

One of two certified Cloud Foundry software offerings
A New Experimental Offering with Native Integration

THE BEST OF TWO WORLDS

MEMBER NEWS
MEMBER NEWS

Cloud Foundry is now available on Alibaba Cloud

Alibaba Group is the newest Gold Member at Cloud Foundry Foundation
PLATFORM CERTIFICATION
CLOUD FOUNDRY IS USED BY

- **61%** LARGE ENTERPRISES
- **25%** SMALL AND MEDIUM BUSINESSES
- **14%** SMALL ENTERPRISES
GROWTH IN USAGE

61% of users are large enterprises - generating more than $1b in revenue

53% have been using the technology for less than two years
AND INCREASES APPLICATION VELOCITY

MORE DEVELOPERS & MORE APPLICATIONS

NUMBER OF DEVELOPERS

- >10 Developers: 49, 34
- 11-50 Developers: 23, 19
- 50+ Developers: 28, 49

NUMBER OF APPLICATIONS

- 1-50 Apps: 76, 61
- 51-500 Apps: 16, 26
- 500+ Apps: 8, 14

n=383
92% cite cross-platform flexibility as important.

What users love: 48% use multi-cloud environment.

- AWS: 49%
- VMware vSphere: 42%
- OpenStack: 28%
- Microsoft Azure: 26%
- Google Cloud: 23%
- IBM Cloud: 20%

- 62% on-prem private cloud
- 41% off-prem public cloud
- 19% off-prem private cloud
TO USE CLOUD FOUNDRY IS TO LOVE CLOUD FOUNDRY

82% GIVE IT A FAVORABLE RATING
CLOUD FOUNDRY SAVES YOU

10 WEEKS

$100,000

on average per app development cycle
Summary:
Volkswagen had no app development capabilities in house. They joined Cloud Foundry to grow their team and expand their suite of applications.

Outcomes:
• 0 to 150 developers in less than 2 years
• Rapid development across 12 brands
• Multiple cloud providers
Summary:
The US Air Force relies on an intelligence data network that was slow and out of date. They came to Cloud Foundry to embrace an open architecture.

Outcomes:
- All apps and databases running in the cloud
- Funding for apps, not architecture
- Saved $600M
Summary:

Home Depot was desperate to improve their technology efforts, but needed to empower their teams and move to a microservice architecture. They came to Cloud Foundry and scaled fast.

Outcomes:

- 2,500+ developers in less than 2 years
- 3,000+ apps in production
- Decreased deployments from 6 weeks to 15 minutes
A
POWERFUL
CHOICE
The Foundation
powering the platform
INTEROPERABILITY

VELLOCITY

INNOVATION
OUR PRIORITIES

Cultivate Community

Strengthen ecosystem
59,400
+10% increase in **commits**

3,973
+30% increase in **pull requests**

3,160
Contributors

40
Active Projects

COMMUNITY VELOCITY
DEVELOPER TRAINING + CERTIFICATION

15,000+ ENROLLED
CLOUD FOUNDRY ECOSYSTEM

4,900+ services, add-ons, distributions, and more
HALF of the FORTUNE 500 shaping the future of their companies
CLOUD FOUNDRY USERS

A GLOBAL COMMUNITY ACROSS EVERY MAJOR INDUSTRY

CONSUMER

- P&G
- Amazon
- The Home Depot
- GAP
- Nestle
- Safeway
- StubHub
- American Homes 4 Rent
- Swatch
- HomeAway
CLOUD FOUNDRY USERS

GOVERNMENT | EDUCATION | NON-PROFIT

GOV.UK | Canada | U.S. AIR FORCE | 18F | NIA | Australian Government

COMIC RELIEF | Rijkswaterstaat | Ministerie van Infrastructuur en Milieu | III | THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | SMC

MORE

PG&E | SWIM | innogy | dormakaba
THE ECOSYSTEM
What it looks like now

4,900+
SERVICES
THE ECOSYSTEM
Expanding capabilities

CPIs for IaaS

Service Brokers

Integrators

CLOUD FOUNDRY
INTEROPERABILITY

CLOUD FOUNDRY

CNI

envoy

kubernetes

OPEN CONTAINER INITIATIVE
QUESTIONS?
THANK YOU