State of the Foundation Q1
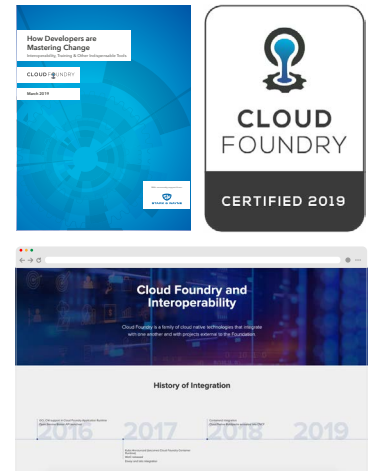*January - March 2019*

CLOUD FOUNDRY

May 2019

The first quarter of 2019 was dedicated to NA Summit planning and alignment on our key messaging for the year. We published a **research report on** How Developers are Mastering Change, launched our Interoperability webpage, and updated our **user stories** page. The **Meetup community grew** to ~95,000 people across 160+ groups in 97 cities and 32 countries and **over 22,000 students** have registered for a Cloud Foundry training course. The Foundation welcomed **two new Gold Representatives on the Board of Directors** for 2019 and has **seven certified providers** of Cloud Foundry.

Please enjoy our updates from the last quarter.
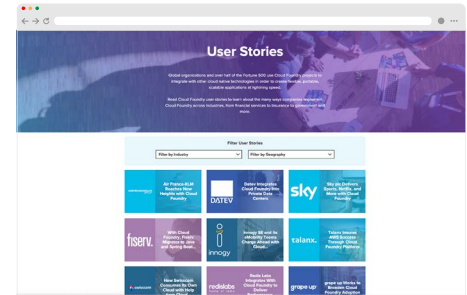
Marketing and Events

CONTENT

Our blog received almost 40,000 pageviews in the first quarter, making it a continually successful medium for reaching our industry. In addition to publishing user stories and executive bylines on our site and personal blog sites like Medium and LinkedIn, we contributed bylines and user stories to third-party publications including Forbes and The New Stack in order to reach a broader audience. We published a research report in January called How Developers are Mastering Change: Interoperability, Training & Other Indispensable Tools, based on the eighth global perception study, and prepared for early Q2 publication of a report based on data from the ninth study.

USER STORIES

We rolled out a new user stories web page and user interface in Q1 with an updated url and filtered search option so readers can peruse stories by region and vertical. Eight new user stories were published in Q1 in the new format, which received more than 5,200 pageviews.

DIGITAL

- **Website:** The Cloud Foundry Foundation website received 134k new visitors which accounted for 72 percent of website visits and over 390,000 unique pageviews in Q1. The top three pages visited included the 2019 Cloud Foundry NA Summit landing page, Get Started, and Why Cloud Foundry. A new page around Cloud Foundry Interoperability was launched and several pages were updated with new design elements.

- **Member Engagement:** In Q1, members drove 1,687 sessions to the Cloud Foundry Summit landing page and received 25 member benefits for their efforts, including report sponsorships and tickets to Cloud Foundry Summit.

EVENTS AND SPEAKING

During the first quarter, the team attended and spoke at several industry events. Winter event season is somewhat quieter than the remainder of the year, so the team took the opportunity to attend key events and prepare for Q2's Cloud Foundry Summit.

- In March, the executive team attended the Open Source Leadership Summit where Swarna spoke. Abby attended Lobby: Enterprise in Hawaii and IDC Directions in Santa Clara.

Marketing and Events

- During February, Abby gave a keynote at IBM Think in San Francisco. Swarna traveled to London where she gave a keynote at MonkiGras. Abby also attended the Keybanc 14th Annual Emerging Technology Summit.

- In January, Swarna gave a talk at the Women In Cloud Annual Summit in Washington state.

INDUSTRY OPINION RESEARCH

In the first half of the year, we continued to conduct different internal and external research streams to provide Foundation leadership, members and the industry at large with insights on market trends, tracking for technology adoption and metrics on IT decision maker satisfaction and progress in their cloud journey.

- **Global Perception Study 9:** In Q1, the Foundation shared its findings from our February survey research. The research continues to track adoption and awareness of different technologies, as well as key market trends. This wave demonstrated a significant maturation in companies' understanding that their digital transformation journeys are gradual and continual, not simply a flip of a switch. A series of papers based on the results will be released in Q2 2019.

MEDIA + ANALYSTS

Global press coverage: 3,201 total articles on Cloud Foundry, with 348 mentioning Cloud Foundry Foundation specifically.

Highlights:
- SD Times: Software predictions for 2019 (1/2)
- TFiR: Soon KubeCon Will Be As Big As Re:Invent: Abby Kearns (1/3)
- DICE Insights: Cloud, Digital Security May Have The Spotlight in 2019 (1/4)
- insideBIGDATA: "Above the Trend Line" – Your Industry Rumor Central for 1/7/2019 (1/7)
- VMblog: Cloud Foundry Foundation 2019 Predictions: Rapid Cloud Adoption Will Lead to Increased Market Consolidation (1/25)
- Network World: Cisco exec airs 2019 cloud directions (1/29)
- DataCenter-Insider: Viel Open Source für Clouds – Wirrwarr oder Stärke? (1/31)

- CRN: IBM CEO And Friends Open Up About Open Source: 'Everything That Can Be Open Source, We'd Prefer To Be Open Source' (2/15)
- FierceTelecom: Cloud-native bandwagon rolls on, but doubters exist (2/21)
- ComputerWeekly: Cloud Foundry CTO on the key to DevOps transformation (3/7)
- CIO Dive: With cloud basics covered, organizations embrace the disruption of open source (3/8)
- DataCenter-Insider: Gehören Container bald zum alten Eisen? (3/11)
- Enterprise Times: EQT completes acquisition of SUSE from Micro Focus (3/18)
- CIO: 7 steps to a well-architected cloud (3/20)

Press Releases:
- Cloud Foundry Foundation Announces Initial Schedule for 2019 North America Summit (1/16)
- Cloud Foundry Summit Adds Keynotes, Inclusivity Luncheon and Open Source Contributors' Event to April Conference (2/20)
- Cloud Foundry Foundation Kicks off 2019 With New Members (3/5)

Analysts:
- 17 briefings and advisory sessions in Q1 2019 with 15 analysts from 8 firms including Amalgam Research, Analysys Mason, Constellation Research, Forrester, Gartner, IDC and RedMonk.
- Cloud Foundry Foundation and the Cloud Foundry Platform were referenced in 42 Analyst Reports and Blogs. Highlights include:
  · Amalgam Insights Report: Cloud Foundry And Kubernetes: Different Paths To Microservices
  · 451 Research: The 451 Take on cloud-native: truly transformative for enterprise IT
  · Forrester: Assess The Pain-Gain Tradeoff Of Multicloud Strategies
  · Gartner: An I&O Leader's Guide to Storage for Containerized Workloads

SOCIAL MEDIA

- **307** new Twitter followers
- **262** New Followers on LinkedIn
- **435** New Subscribers on YouTube
- **Twitter Highlights:** Click through rates on Twitter increased, despite lower impressions and engagements.
  - · 595.1k impressions
  - · 3,623 engagements
  - · 1,092 link clicks

PROJECT LIFECYCLE AND LEAD CHANGES

- The Routing and CF Networking projects have been merged into one, Networking. Read about this here. Shubha Anjur Tupil was accepted as the new lead for the Networking project.

- Preethi Varambally is the new lead for the CF Infrastructure project.

- BPM has been proposed and accepted as an active project in the BOSH PMC, with Chris Brown (Pivotal) as project lead.

- The BOSH Core SF and Toronto teams have been merged, and a secondary team, BOSH Systems, has been spun off to focus on stemcells and DNS.

- Elliot Shanks is the new project lead for the Buildpacks team.

- The App-Autoscaler has graduated from the cloudfoundry-incubator to become an active project.

- The BPM project has graduated from the cloudfoundry-incubator to become an active project under the BOSH PMC.

NOTABLE PROJECT UPDATES

- The BOSH PMC is now holding monthly meetings at 8am PST on the third Thursday of each month. Read about that here, and the PMC Notes repository (hot tip: this is also a great resource for keeping up with changes in other PMC projects). The BOSH team has announced the removal of support for v1 manifests, and has asked for feedback on this.

- CF-Dev v0.0.13 is now available. Read about that here.

- The Buildpack team announced the end of support for various buildpack dependencies. The .NET buildpack will no longer include any version of .NET Core v2.0.x, as these .NET Core versions are no longer supported upstream. Read about that here. The newer version of the PHP buildpack will no longer include PHP v5.0.x or v7.0.x. Read about that here. Go versions 1.8x and 1.9x. Here. Node v6.x will no longer be supported, and the default version in the Node Buildpack will now be v10.x. Read about that here.

- CF CLI v6.42.0 was released. Read about that here. CF CLI v6.43.0 was released. Read about that here.

- The Routing component logs have been changed to have a more human readable timestamp. Read about that here.

- The v3 Acceleration Team sought feedback on proposals for resources to be exposed on the v3 API. Read about that here.

- CAPI team announced App Container Metrics Changes. They also requested feedback on newly written documentation which gives operators some guidance regarding when and how to scale their Cloud Controllers (and related jobs in capi-release). See: "Scaling Cloud Controller".

- The Networking team released routing-release v0.186.0 (read about that here). and v0.187.0 (read about that here). They also released istio-release v1.2.0. Read about that here.

- The loggregator team announced the removal of the /containermetrics endpoint on the loggregator_trafficcontroller. Same for the /firehose endpoint.

- The CLI team responded to feedback about a proposal to remove the --no-start tag from cf-push (TLDR: they aren't going to remove it), and put out a wider request for feedback on new deployment workflows and corresponding CLI options. They've also asked for feedback on an upcoming metadata feature's CLI options.

SECURITY ADVISORIES FROM JANUARY 1, 2019 TO MARCH 31, 2019
- 30 Security Advisories were published by the Cloud Foundry Vulnerability Management Team during this time period. Advisories are published here:
  https://www.cloudfoundry.org/category/security/

- 10 of these notices were Cloud Foundry CVEs, with the remaining 20 from upstream projects.

Developer Training and Certification

- Over **22,000 students** have registered for either the one-day MOOC or four-day developer trainings hosted by The Linux Foundation.

- Work has begun on version 2 of the Cloud Foundry Certified Developer exam, with associated updates to the Cloud Foundry For Developers course material. Expect a call for volunteers to test the new exam to be shared with the development mailing list.

2019 launched with a refreshed level of engagement and energy from both the Foundation staff and the community.

USER ENGAGEMENT

In early February, we restarted the User Advisory Council meetings. These calls are structured to provide a forum for Cloud Foundry end users to have open discussions with their peers. These discussions enable users to share their experiences and tips with their peers while also helping the Foundation understand how users are evaluating and adopting Cloud Foundry technology and related projects.

The kick-off call in February helped build the agenda for User Day at Cloud Foundry NA Summit that was extremely useful and relevant for all users. Starting in May, we will continue our monthly meetings.

CLOUD FOUNDRY AMBASSADORS AND LINUX FOUNDATION PARTNERSHIP

During late 2018, we sought mentors from the Cloud Foundry Ambassadors group to mentor newcomers and help them get acquainted with different aspects, including getting started with Cloud Foundry or becoming a technical or non-technical contributor. Combined with this, the Linux Foundation announced the CommunityBridge program that provides a simpler way for community members to sign up to be a mentor or a mentee. Cloud Foundry is now listed as a project and is open to recruiting both mentors and mentees.

An updated list of Cloud Foundry Ambassadors can be found here.

MEETUPS

The global Cloud Foundry meetup member community has grown to ~95,000 people across 160+ groups in 97 cities and 32 countries. These meetup groups provide regional events for everyone across the world to join the community conversations every month. While we did not have a Cloud Foundry Day in Q1, there was an increased number of meetups.

A sample of the meetups hosted by the community between January and March 2019 are:
- *Vault, Credhub and Open Service Broker*, hosted by Kansas City Cloud Foundry Meetup group on January 14.
- *.NET Workloads on Cloud Foundry*, hosted by Kansas City Cloud Foundry Meetup group on January 22.

- *Cloud Foundry Meetup: 2019 Kick-off Meeting*, hosted by Triangle Cloud Foundry Meetup group on February 27.

- *Cloud Foundry Meetup first in 2019!*, hosted by Charlotte Cloud Foundry Meetup group on March 11.

CLOUD FOUNDRY DAYS

Cloud Foundry Days bring Cloud Foundry to a regional audience curated by hosting members. In Q4, the Cloud Foundry Foundation hosted two Cloud Foundry Days co-located at Kubecon Shanghai and Kubecon North America 2018 with ~100 attendees at each event.

AMBASSADOR PROGRAM

The Cloud Foundry Ambassador program, which began in 2016, has steadily gained momentum since its inception. A few key highlights of this program are:

- The Ambassadors have continued to represent the community and evangelize the technology at regional Meetups, Cloud Foundry Days (as speakers and program chairs), and Cloud Foundry Summit (as speakers, program co-chairs, and advocates to make our community welcoming).

- The Cloud Foundry Ambassador webpage is home to profiles for each Ambassador – currently at 50 and growing.

Membership and Operations

Cloud Foundry EU Summit 2019: The 2019 European Summit will be held in The Hague, Netherlands, from September 11-12, 2019.

Membership: Cloud Foundry Foundation has 61 members. We added one new Silver member in January 2019, SkySilk. We had six members depart, including Anchora, Cisco, Cloudsoft Corporation, Royal Bank of Canada, mimacom and Toshiba.

Certified Distributions: Cloud Foundry has seven Certified Distributions in 2019: Atos, Cloud.gov, IBM, Pivotal, SAP, SUSE, and Swisscom. This number is down from eight in 2018, as Huawei ceased their own distribution at the end of 2018.

Board of Directors: The Foundation welcomed two new Gold Representatives on the Board of Directors for 2019: Alan Flower, HCL Technologies, and Stephan Massalt, Swisscom.