Community Building for ONOS and CORD

William Quiviger - ON.Lab
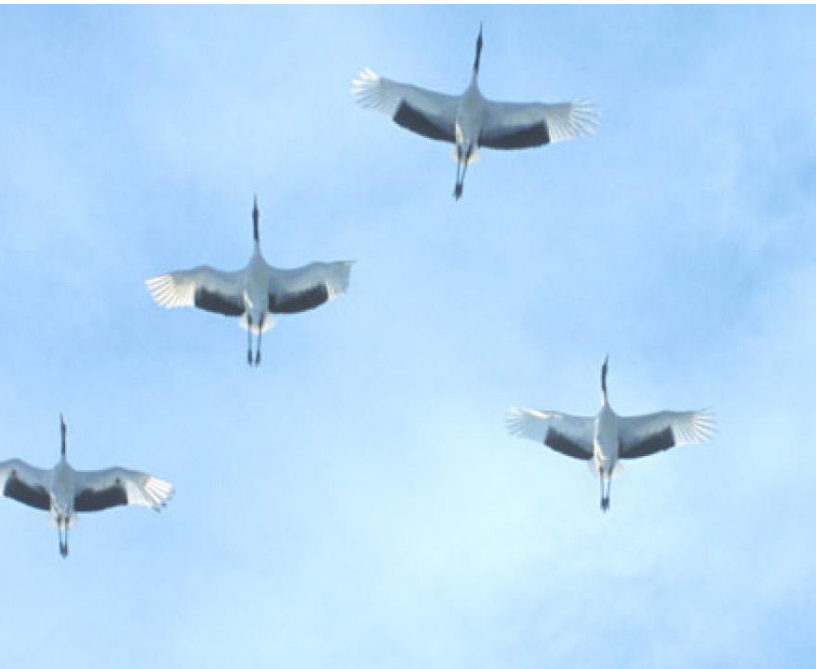Seoul Meetup - Friday 26 May 2017

Outline

- What is our mission?

- Who is in the community?

- What is the community creating?

- How can you get involved?

- How are we strengthening the community?
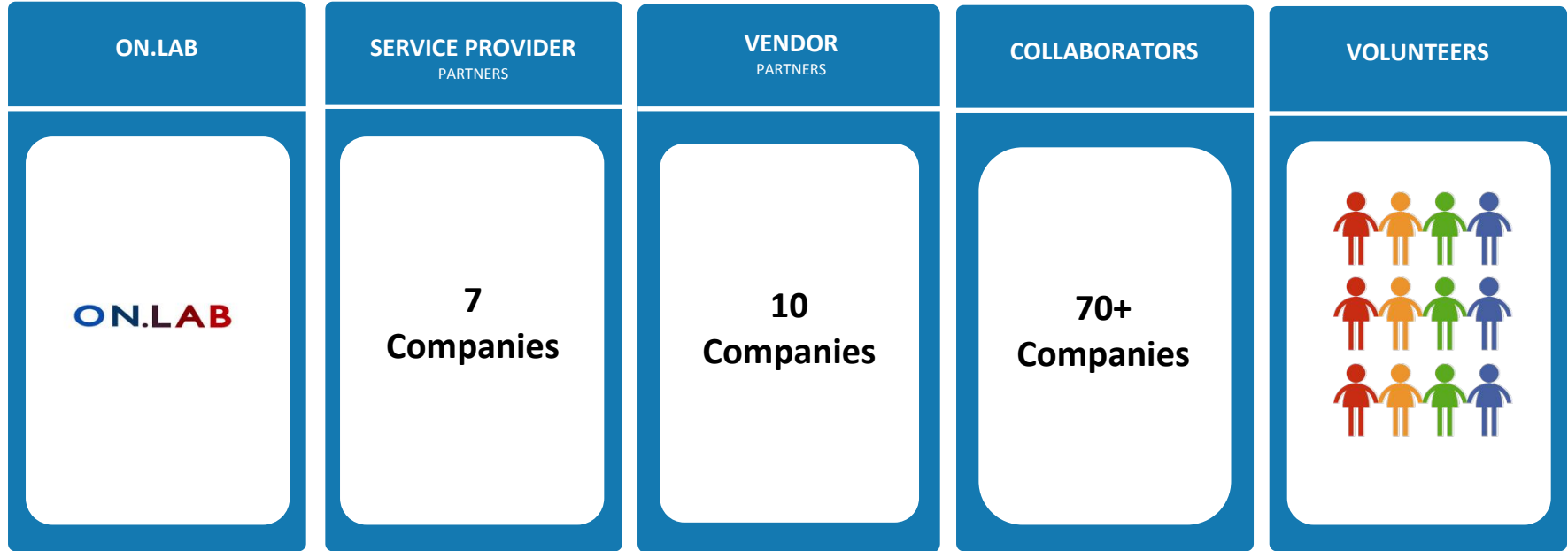
- Questions

Our Mission

Our Mission

- We are pursuing our vision of what networking could be for the public good
- We want to fix closed, proprietary, complex, expensive and inflexible networks
- We want networks that are enabling innovation rather than impeding innovation

Our Community

ONOS and CORD Community Members

ON.LAB	SERVICE PROVIDER PARTNERS	VENDOR PARTNERS	COLLABORATORS	VOLUNTEERS
ON.LAB	7 Companies	10 Companies	70+ Companies	

Partners

Leading service providers make ONOS & SDN/NFV solutions relevant to them
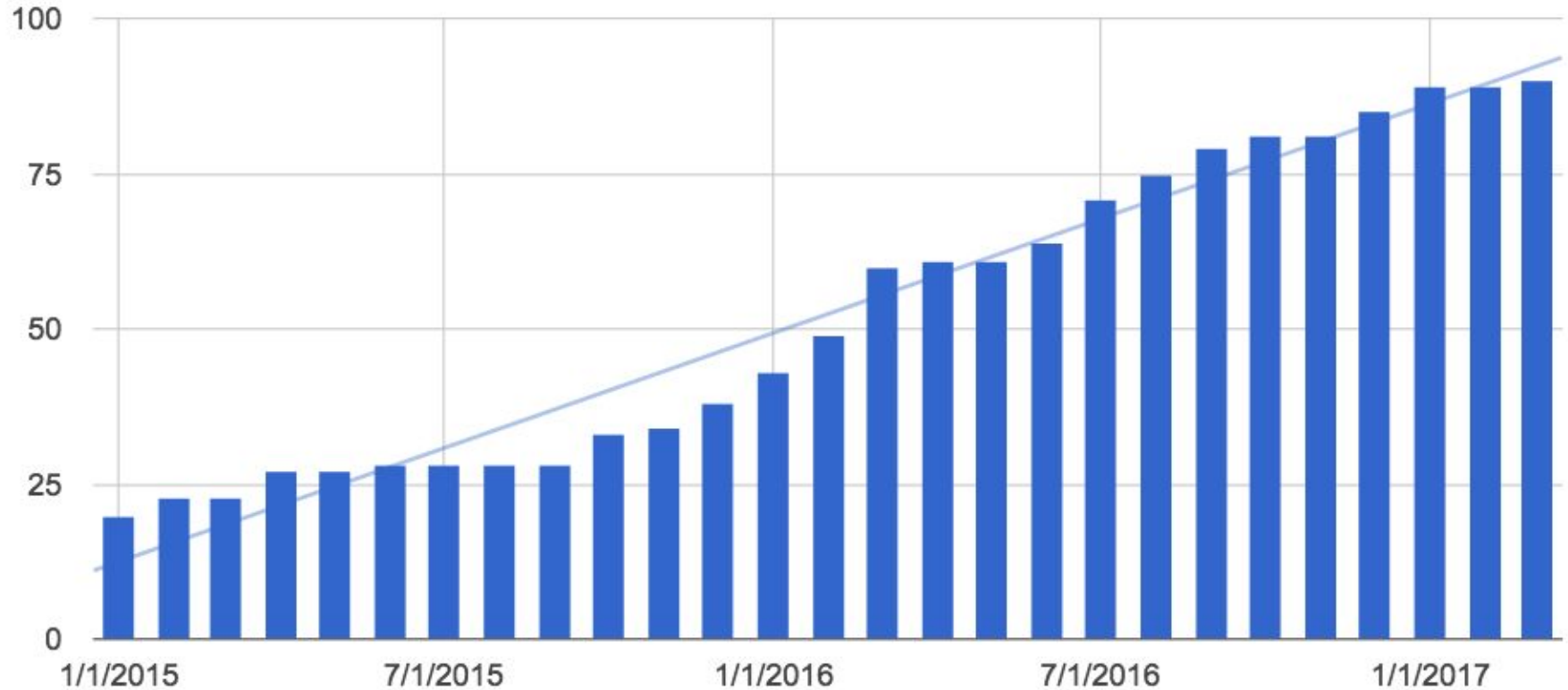
Leading vendors help make ONOS and SDN/NFV solutions real & ready for deployment

ONOS Collaborators

Collaborating organizations help grow the community and grow the impact

ONOS and CORD Member Growth

How to get involved

Contribution Opportunities

- Coding

- Brigades

- Documentation

- Ambassadors

- Deployments

- Marketing

- And more...

Find this on the wiki at: [A Beginner's Guide to Contribution](#)

Key Community Initiatives in 2017

Three key initiatives in 2017

- **ONOS / CORD Brigades**

  ○ leveraging the community to ship features of the ONOS roadmap

- **ONOS/CORD Ambassadors**

  ○ a program to help push leadership to the edges of the community

- **ONOS/CORD Build 2017**

  ○ annual developer conferences to engage with and consolidate

  relationships with ONOS and CORD developers around the world

Brigades

Brigades

Small teams created around specific features that we want to ship in upcoming versions of ONOS and CORD

How Brigades Work

- Pick an important feature from ONOS / CORD roadmap

- Identify a brigade leader and recruit strong developers to join the team

- Get the brigade members organized with a face to face work week

- Let them work for a while remotely

- Bring them together again at ONOS / CORD Build to work together and showcase their progress

- Get feature ready for a release of ONOS / CORD

- Continue working on further enhancements

ONOS Brigades

Active Brigades

- Dynamic configuration
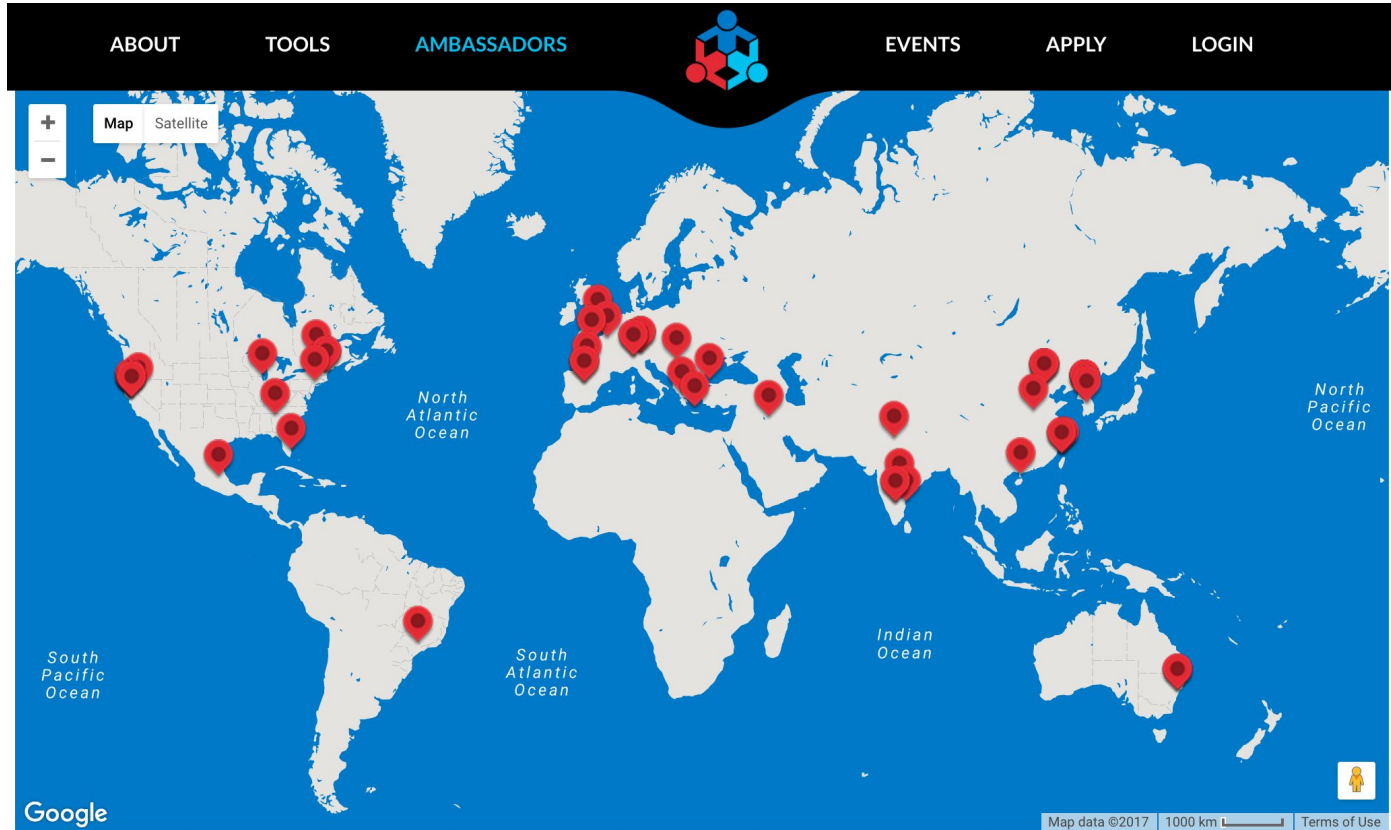- ONOS Deployments
- Virtualization
- GUI

New Brigades (since Q1 of 2017)

- Northbound
- Teaching
- gRPC
- Build and Package Infrastructure
- P4
- ECOMP/Mano/Open-O integration brigade

Ambassadors

Ambassadors Program

Ambassadors Program

- A program designed to empower anyone who is passionate and knowledgeable about ONOS/CORD, who wants to promote the ONOS/CORD project in their region and build a strong local community around it.

- The program provides a simple framework and a specific set of tools to help Ambassadors

  - organize and/or attend events

  - recruit and mentor new contributors

  - support your local community.

Ambassadors Program

https://ambassadors.onlab.us

Build Conferences

ONOS Build 2017

Why Build Conferences?

- engage with and consolidate relationship with communities around the world

- focus less on introducing ONOS/CORD to newbies and more on deepening people's existing knowledge other areas of the code base / to all other projects

- aligning teams to avoid overlap and duplication of efforts across the community

- connect local companies interested in hiring talented ONOS/CORD developers

- make the conference a forcing function to deliver and share a roadmap and vision

- strengthen ties with universities and prepare students for the future of ONOS/CORD

ONOS Build 2017

September 20 - 22

ONOS Build 2017

In collaboration with ...

SAMSUNG

ONOS Build 2017

- **Location:** Seoul, Korea
  - Large ONOS community in Korea + Jian on site in Seoul
  - Hosted at Samsung R&D Center

- **Audience:** ~300 ONOS developers, partners, collaborators, students

- **Timing:** September 20-22

- **Format:** very similar to format of ONOS Build 2016
  - 3 days instead of 2
  - larger SDN Science Fair, More panels, more tutorials, more socialising

How can you help?

Email me at william@onlab.us