OSF Strategy &
Vancouver Summit Update
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<td>Joint Leadership Strategy Meeting</td>
<td>General Session Keynotes</td>
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**#WeAreOpenStack**

**Mixer**

**OpenInfra Mixer**

**Container Infra Keynotes**

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**Welcome to the OpenStack Summit Vancouver**

**Open Infrastructure**

**CI/CD | CONTAINERS | EDGE | PRIVATE CLOUD | PUBLIC CLOUD | NFV**
Let’s Build Open Infrastructure

Hundreds of Sessions from Open Infrastructure Experts

Airship
Akraino
Ansible
Calico
CentOS
Ceph
Chef
Cloud Foundry
Docker
FD.io
Gimbal
Istio
Jenkins

Kata Containers
Kubernetes
Mesos
OpenStack
OpenVswitch
OpenStack
OpenContrail
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OpenDev CI/CD, co-located event

- Tuesday & Wednesday on the 3rd floor of the convention center
- Programmed by leaders from Zuul, Spinnaker, Jenkins, XCI, Mesosphere
- Sponsors: Mirantis & Ansible
- Collaborative event!
In 2010, NASA and Rackspace started OpenStack to bring infrastructure automation to the world.
In 2018, OpenStack is now proven and widely adopted
More than 95% More Deployments in 2017 vs 2016

More than 10,000,000 Computing Cores in Production
New OpenStack Users
New Report
451 Research, Voice of the Service Provider*

Globally, 71% of service providers are either in production or plan to be in production with OpenStack in the next 12 months. That number goes up to 80% if you include respondents who plan to implement in the next 24 months.

- Telcos: 45% are in production and another 36% are in POC or plan to be in production in the next 24 months.
- Large service providers ($1bn+ revenue): 63% in production with 22% in POC or planning to implement in the next 24 months.

*More data available in the full report; Al Sadowski, key analyst; May 2018
IDC estimates OpenStack to be a $6.1 billion opportunity in 2018 and grow at an aggregate CAGR of 9.7% from 2016 to 2021.

IDC: OpenStack Infrastructure Ecosystem: Part 4
Results from Customer Survey*

- Lower cost and faster speed are the drivers for OpenStack adoption.
- OpenStack is seen as a vehicle to achieve a hybrid cloud strategy. Enterprises are realizing significant cost savings over public and private cloud alternatives.
- OpenStack users are not confined to large organizations, much of the market is for medium-sized and midmarket companies.
- 90% of OpenStack users use a partner to deploy, and they are a key OpenStack software channel and route to market.
- Users run a very diverse set of workloads on OpenStack. Workload types are shifting from commercial to custom built. Today's deployments are an even mix of migrated VMs, existing VMs, and new VMs.

*Doc #US43318917, OpenStack Infrastructure Ecosystem: Adoption Patterns, Use Cases, and Market Outlook, Part 4 — Customer Survey Results, Dec 2017
(https://www.idc.com/getdoc.jsp?containerId=US43091917)
Why is adoption growing?

- The overall demand for software-driven infrastructure is exploding
- Three C’s driving multi-cloud: cost, compliance and capabilities
- OpenStack software has greatly improved and meets a variety of use cases
- Most users are still at the beginning of this journey, need help with the transition
Now, the industry faces new challenges

- New workloads and architectures bring new requirements
- Tons of open source projects requiring integration
- Lifecycle management and upgrades
- Difficult for customers to absorb the large number of new technologies

And our community is responding...
In 2017, we laid out a strategy to address these challenges
More than a single platform, we are a community

• Develop open source software for open infrastructure

• Operate public, private cloud, and edge environments for many different use cases

• Share experiences to bring benefit to customers
The Foundation is evolving to support the open infrastructure community.
And in six months, the community has delivered
Addressing use cases and building new markets

- Datacenter Cloud
- Container Infrastructure
- Edge Computing
- CI/CD

More in the future...
NFV/HPC/AI/Machine Learning
Open Infrastructure Content

- 250+ OpenStack sessions (not including Forum)
- 70+ Kubernetes sessions
- 28 Docker sessions
- 21 OPNFV sessions
- 13 ONAP sessions
- 15 Ceph sessions
- 19 Ansible sessions
- 11 Kata Containers sessions
- 9 Zuul sessions
- 6 Tensorflow sessions
- 6 Terraform sessions
- 4 Spark sessions
- 4 Istio sessions
- 4 Cloud Foundry sessions
- 4 Spinnaker sessions
- And many more....

Maya Kaczorowski
GCE - Container Security

Craig McLuckie
Heptio - Craig McLuckie

Tony Campbell
CoreOS - Kubernetes

Lin Sun
Istio Core

Kris Nova
Kubernetes & Kubicorn

Allen Sun
Alibaba - Kata Pouch
Press Releases

- Kata Containers v1 release
- Zuul as an independent project
- Kubernetes:
  - SIG-OpenStack in Kubernetes community delivered OpenStack provider for Kubernetes
  - White paper covering major use cases
  - Represented in cross cloud CI dashboard
2018 OpenStack User Survey

• 2018 submission process now open: https://www.openstack.org/user-survey/survey-2018
• Annual report to be published in October, 2018 before the Berlin Summit
• For real-time analytics, you can visit openstack.org/analytics
Berlin Summit Preview
November 13-15

- Headline sponsorships sold out:
  - Deutsche Telekom, Intel, Huawei, Canonical
- Already securing speakers, including American Airlines & BMW
- Potential Edge hackathon weekend prior to the Summit
- Looking for feedback on new open infrastructure content and keynote format we’re testing in Vancouver
- Call for Presentations now open
Thank you!