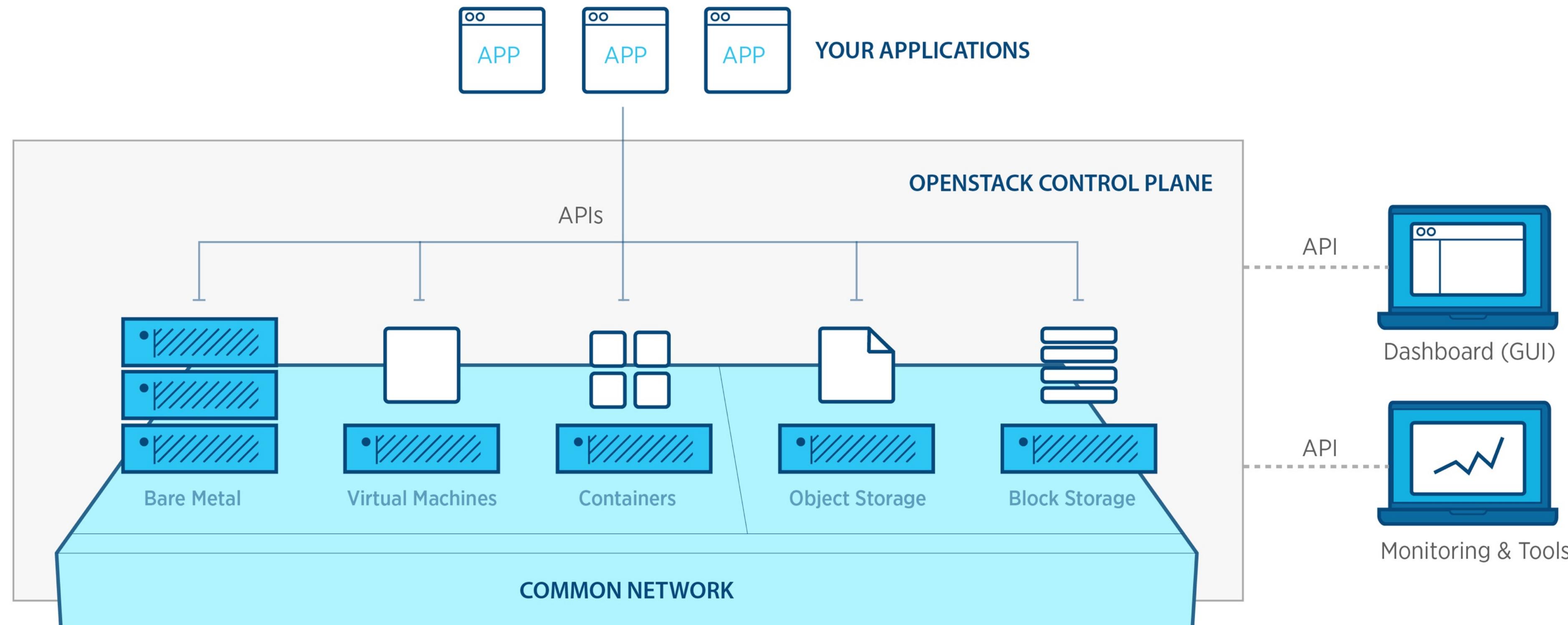


AUTOMATE ALL  
THE THINGS

# One platform for bare metal, VMs and containers



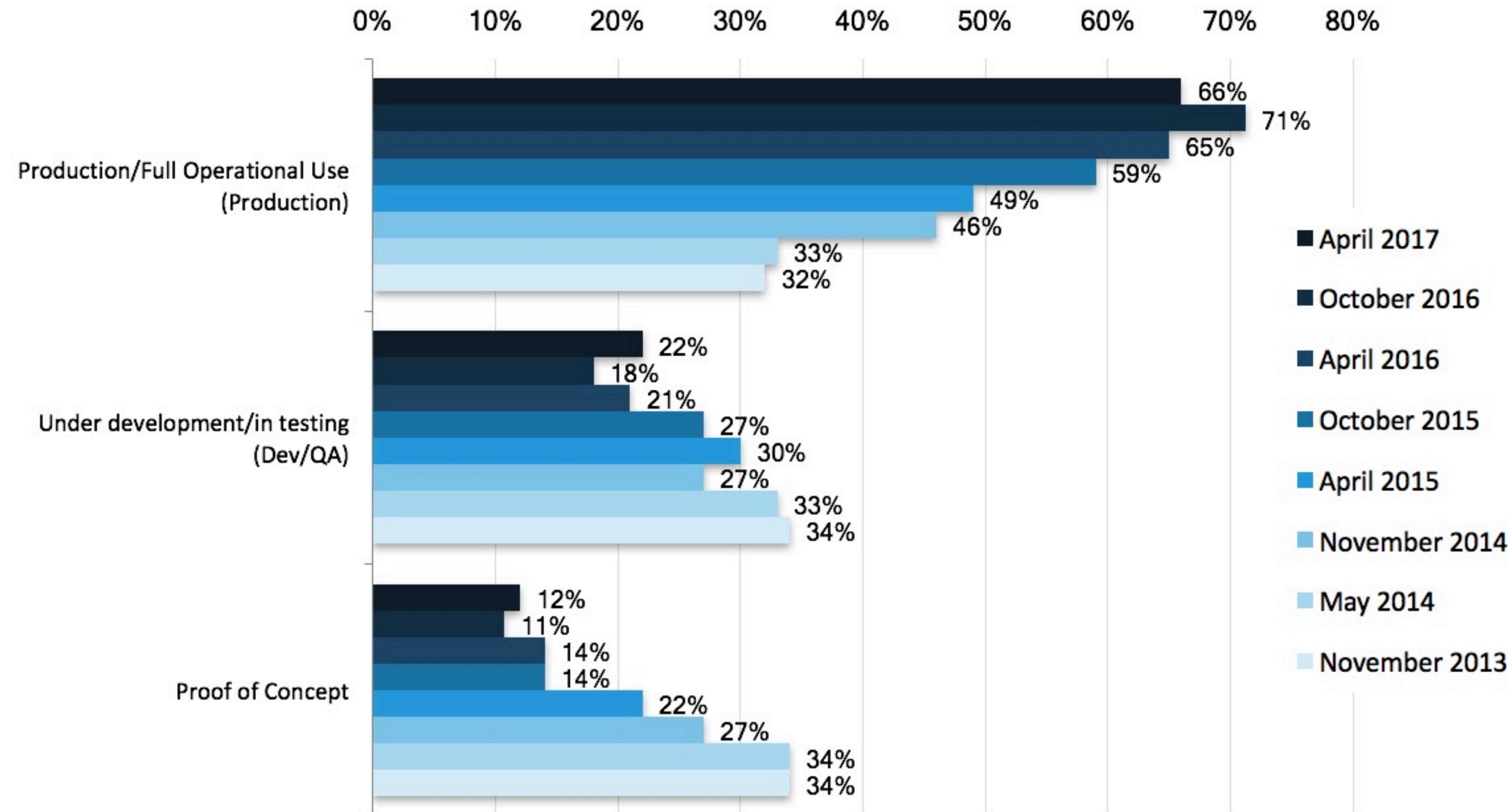
OpenStack provides one platform to orchestrate bare metal, containers, and virtual machines on a single network, allowing private users to optimize for their application without creating more silos in their datacenters, and giving service providers more delivery options.

OPENSTACK MANAGES

5,000,000

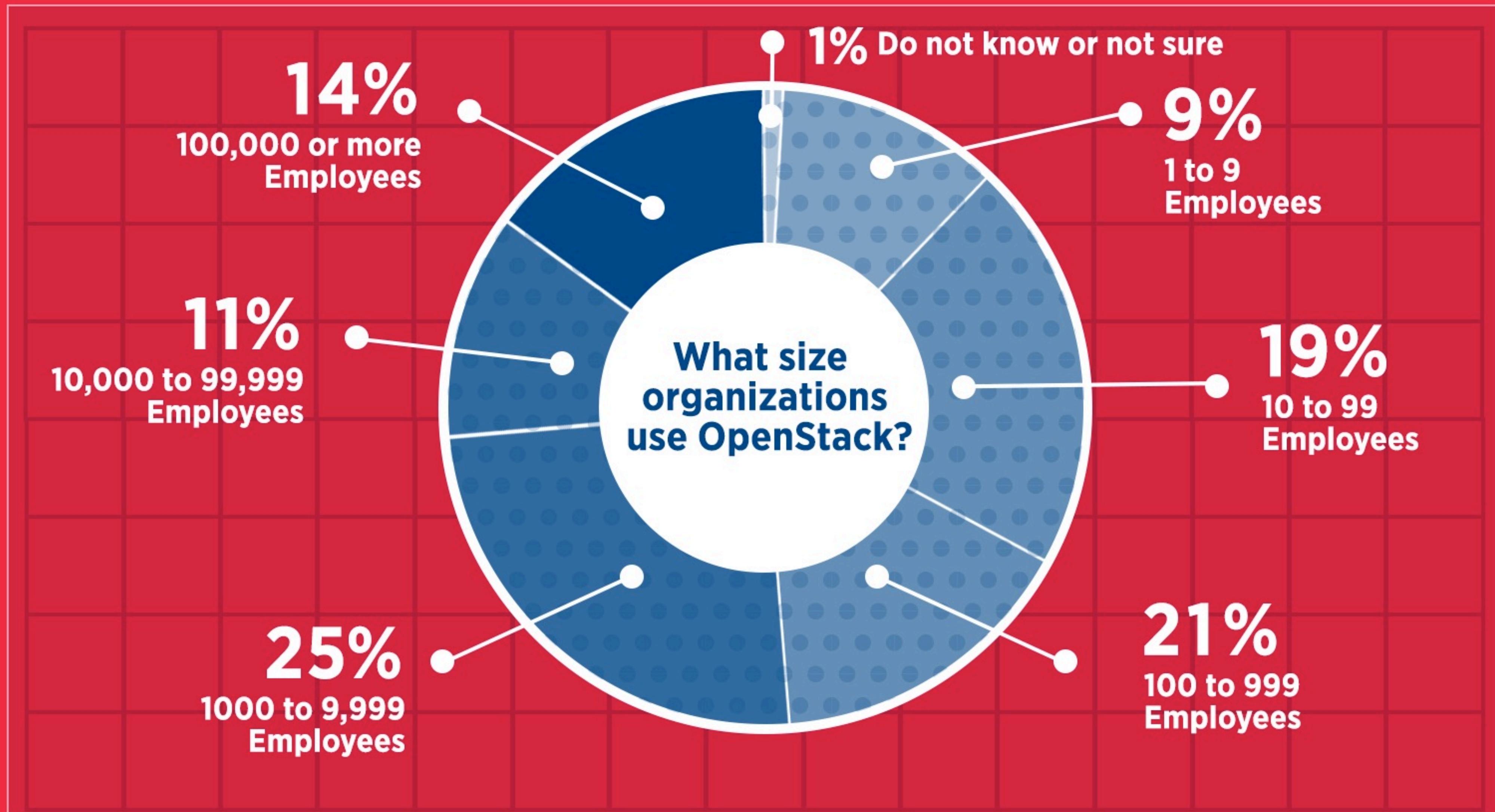
CORES IN PRODUCTION

# Two-thirds of OpenStack deployments are in production





50% *of* the FORTUNE 100  
RUN ON OPENSTACK





“In all private cloud-based applications ...  
we expect approximately 70% of cost savings  
as compared to classical IT solutions.”

**-Holger Urban, Volkswagen**

*Learn more about Volkswagen's OpenStack use case at [openstack.org/users](http://openstack.org/users)*



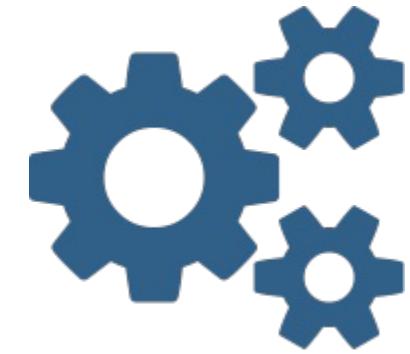
*Container adoption is*



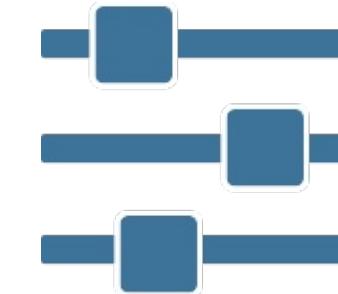
**3X FASTER**

→ **WITH OPENSTACK**

# Why are OpenStack users adopting containers **3x faster** than the overall market?



Supports multiple orchestration tools including Docker Swarm, Kubernetes and Mesos



Enables you to run containers in virtual machines or directly on bare metal



No silos in your data center:  
Integrates containers with important enterprise systems

Learn more: [openstack.org/containers](http://openstack.org/containers)



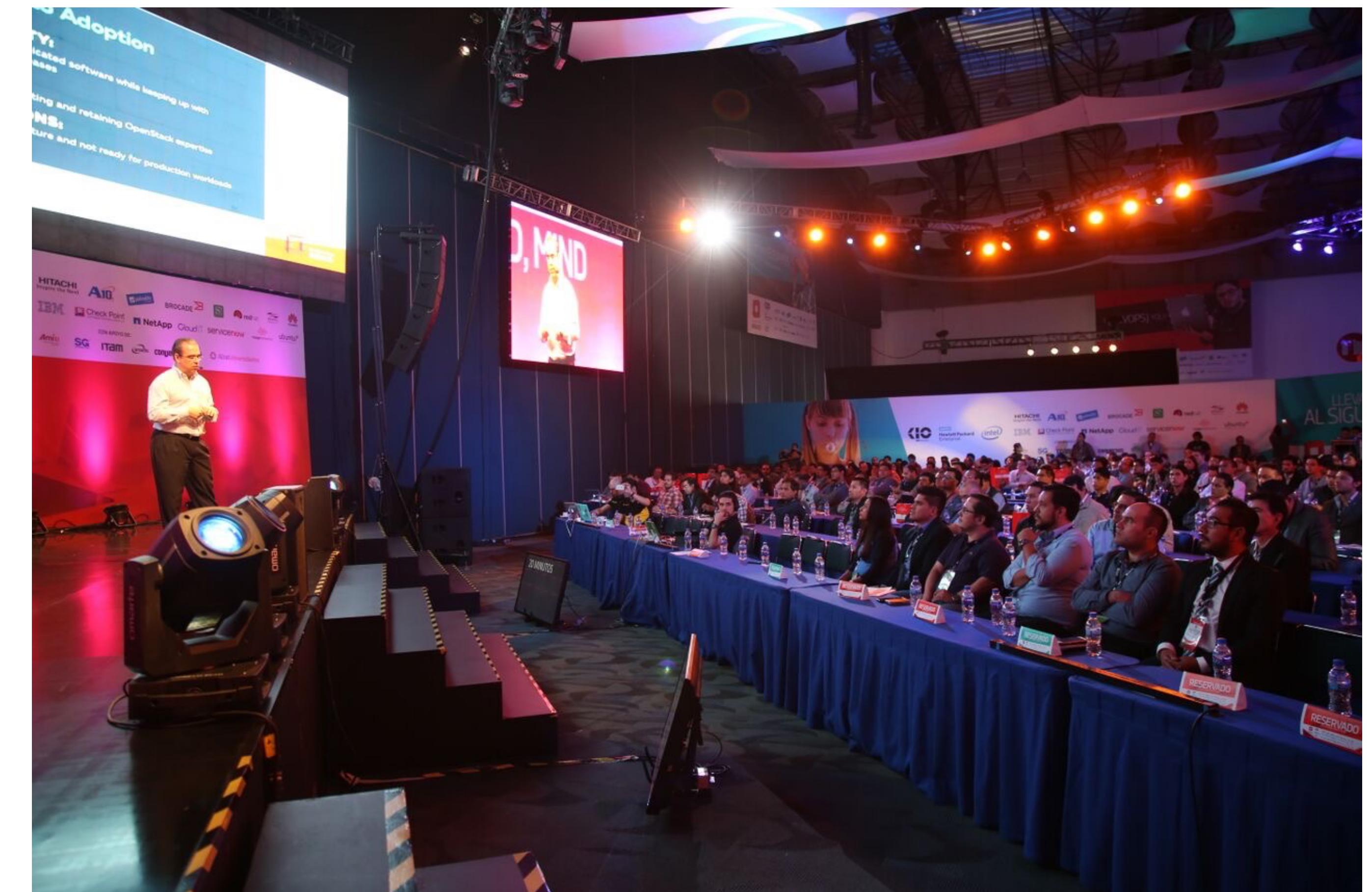
The important thing for us as a community is to think about OpenStack as an integration engine that's agnostic. That puts users in the best position for success. Just like we didn't reinvent the wheel when it comes to compute, storage and networking, we'll do the same with containers.

**-Koby Holzer, LivePerson**

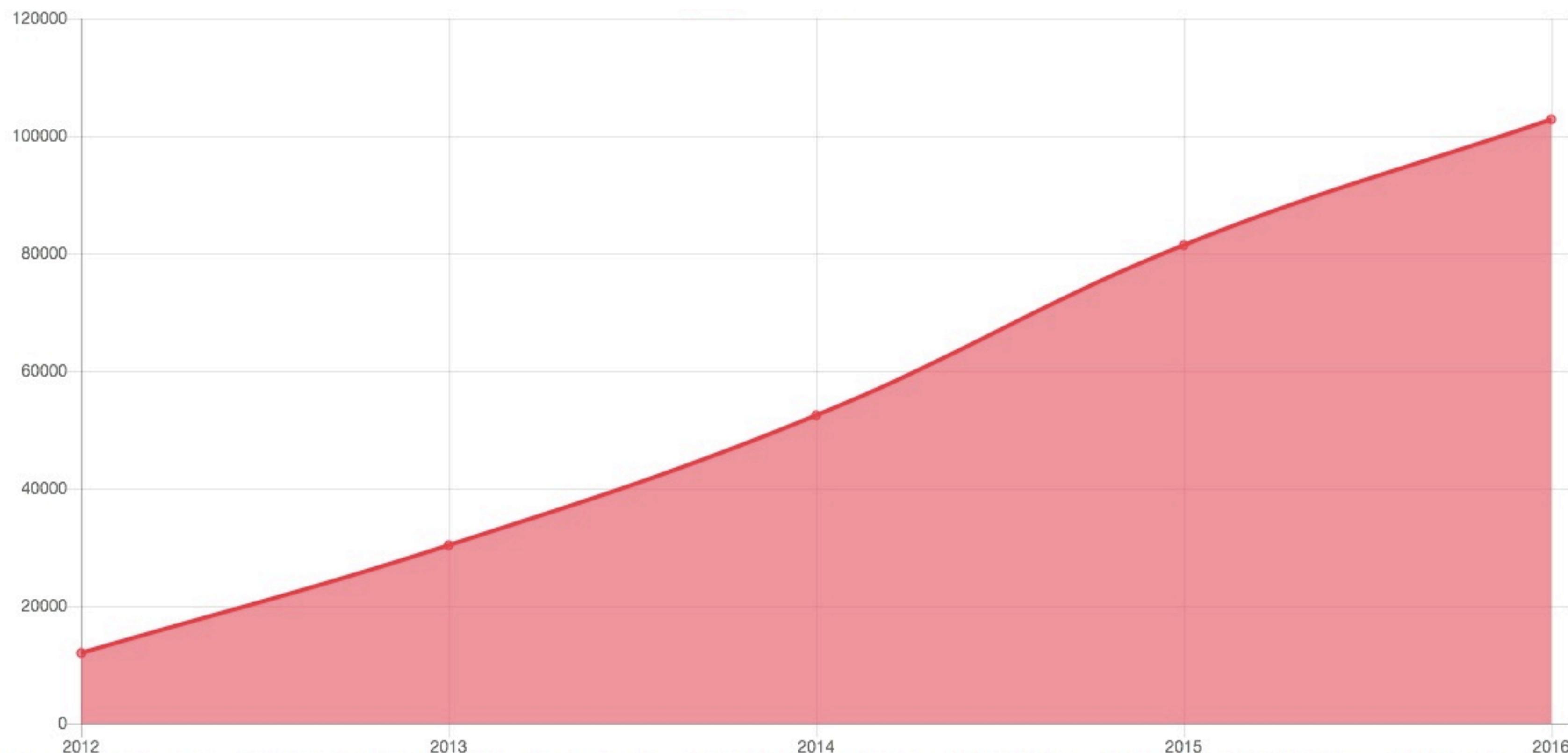
*Learn more about LivePerson's OpenStack use case at [openstack.org/containers](http://openstack.org/containers)*

# More than 70,000 registered community members

- 649 supporting organizations
- 181 countries represented
- 116 global user groups



# Developers and contributions growing YoY



Merged changes during the period for projects that are part of the big tent as of today (Liberty data may include commits of project teams that were added to the Big Tent during Mitaka). Cycle data includes all merged changes from RC1 of the previous cycle to RC1 of the cycle under consideration.

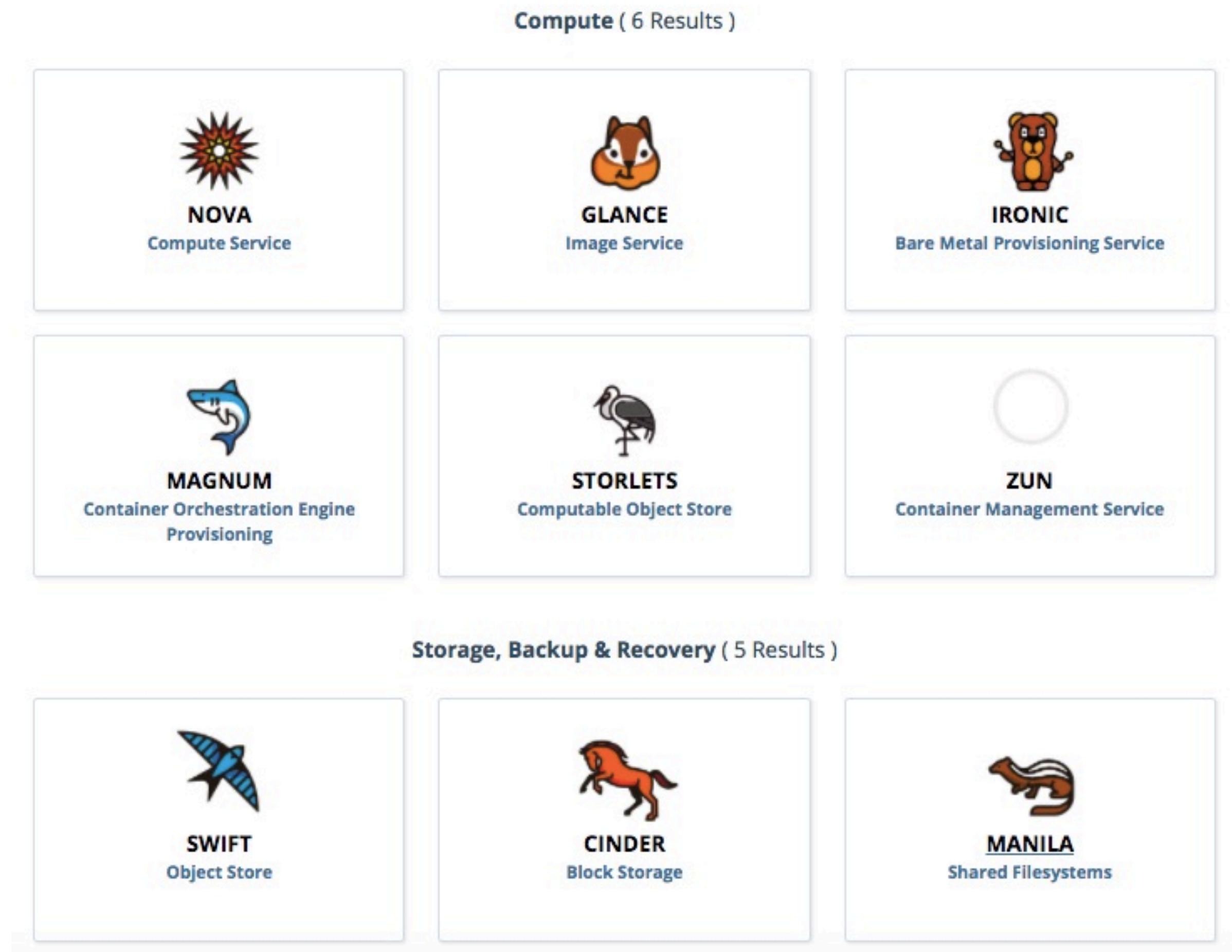
In 2016 alone, there were **3,479 developers** who contributed to OpenStack

The number of **merged changes** grew **26%** in 2016

And in 2016, OpenStack added the greatest number of new contributors with **1,631 new developers** out of the 3,479

# Updated Project Navigator with all user facing services

- The Project Navigator now features all user facing services, not just the core or most popular projects
- There is updated information about each project including API versions, etc
- Also features sample configurations
- Learn more:  
[www.openstack.org/software/project-navigator](http://www.openstack.org/software/project-navigator)



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## Over 1,000 Stackers have taken the COA—now, it's your turn!

- Upgraded to Newton in June 2017
- New exam features improve test taking experience
- Large ecosystem of OpenStack training partners available to help you prepare for the exam:  
<https://www.openstack.org/marketplace/training/>

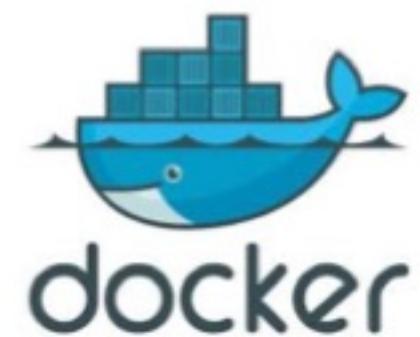


# Collaboration with other open source communities

## Containers



**kubernetes**



**docker**



**MESOS**

## PaaS



**CLOUD FOUNDRY**



**OPENSIFT**

## NFV



**OPNFV**



**Cloudify**

## Provisioning



**TERRAFORM**



**ANSIBLE**



**SALTSTACK**

# OpenStack adoption continues to grow



Source: OpenStack Pulse Report, 451 Research, October 2016



# OpenStack users span industries

## RETAIL/E-COMMERCE



## FINANCIAL



## TELECOM



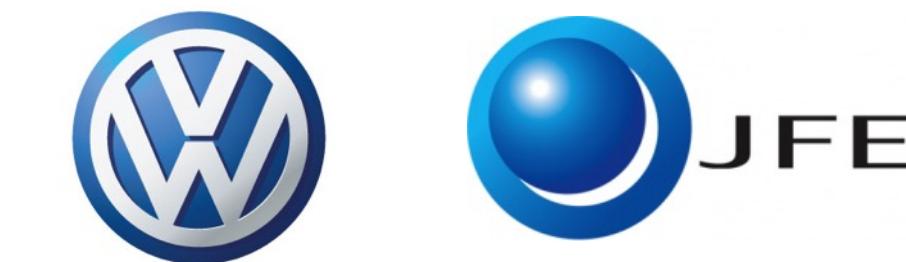
## ACADEMIC/RESEARCH



## ENERGY



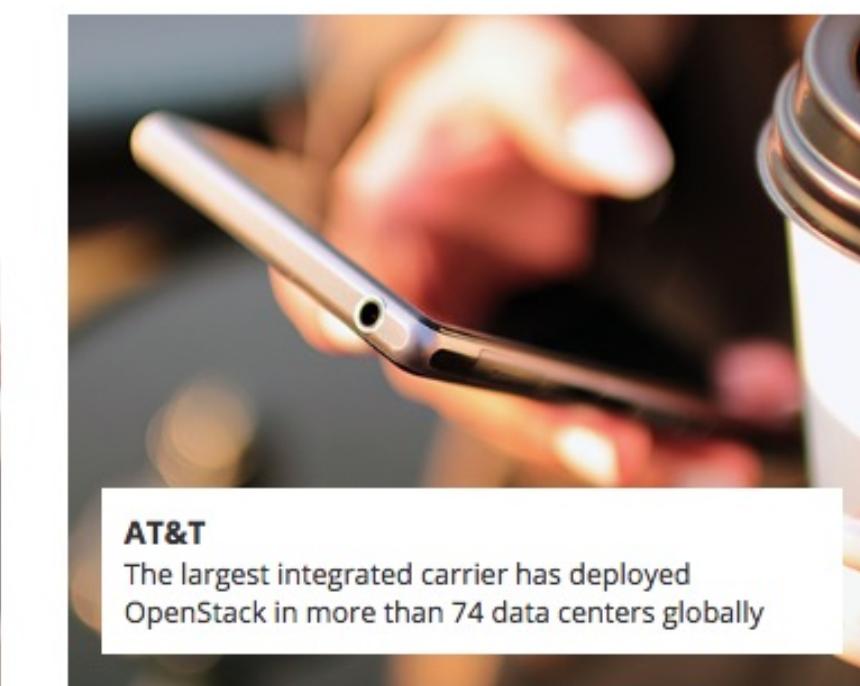
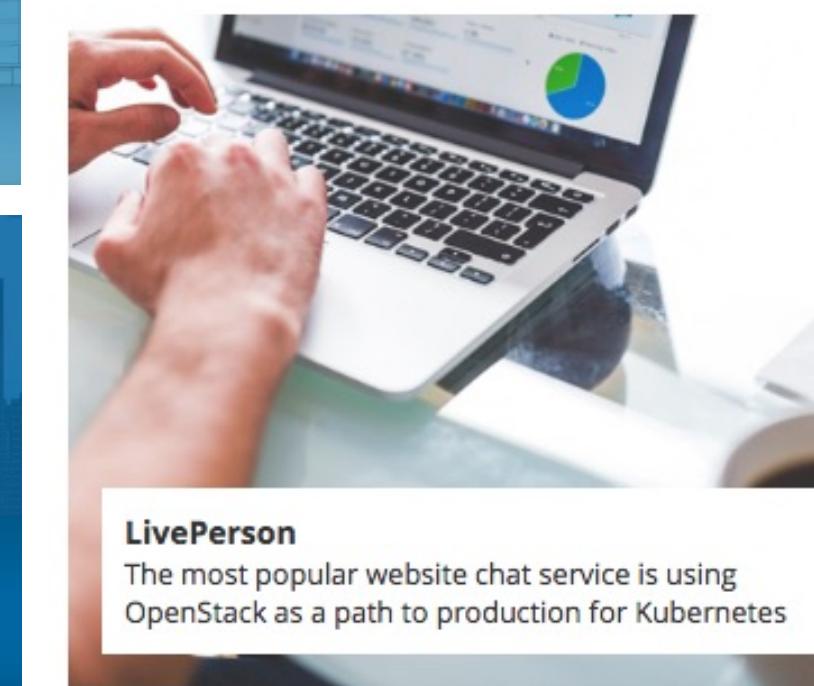
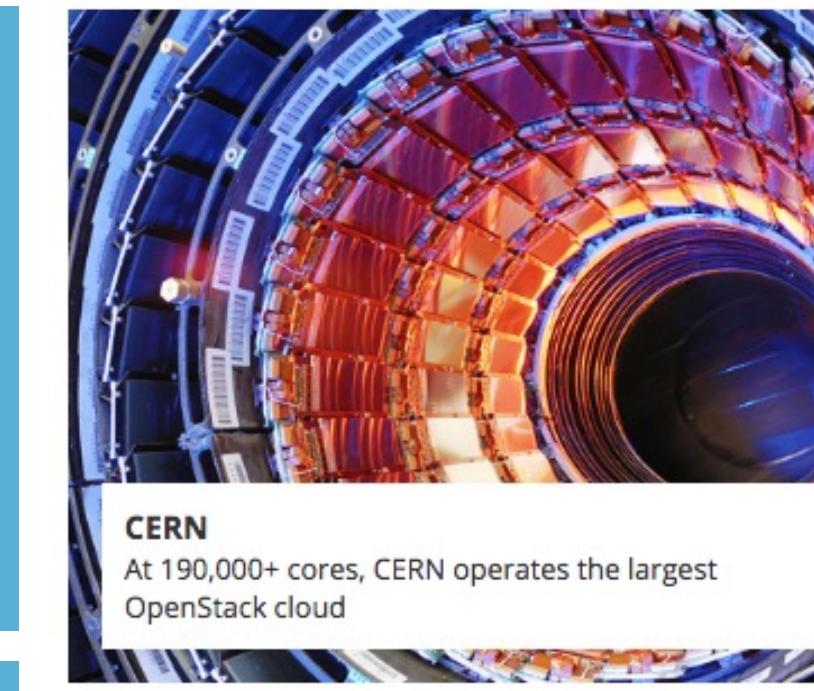
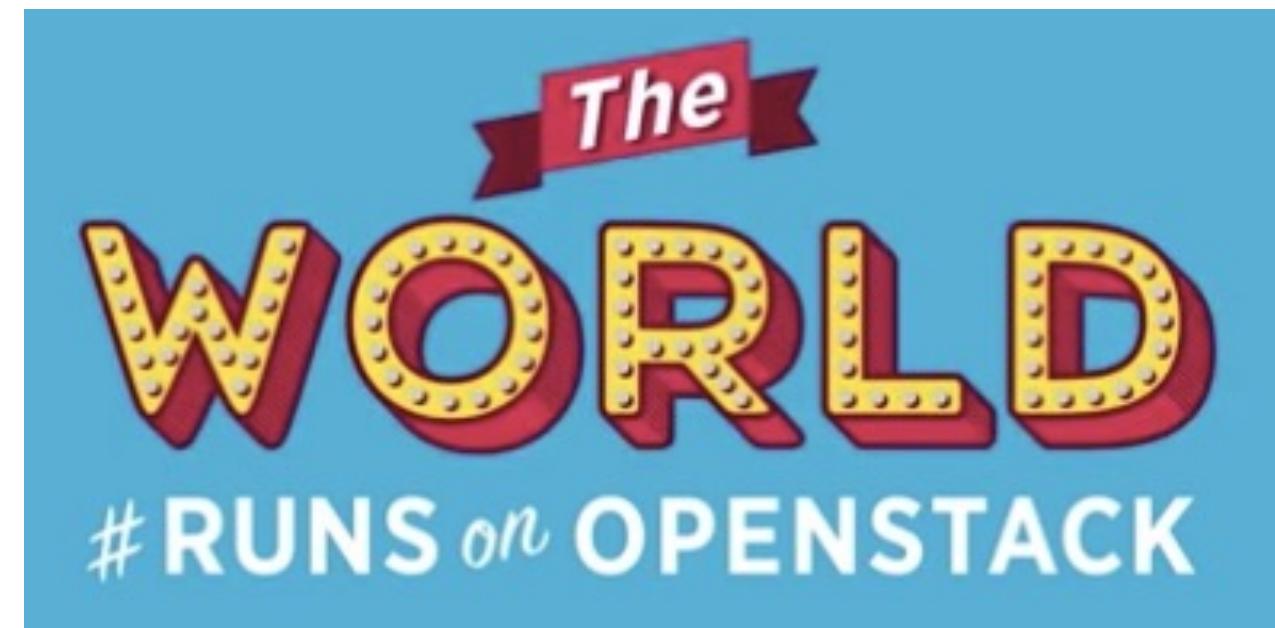
## MANUFACTURING



## ENTERTAINMENT



See more at [openstack.org/user-stories](http://openstack.org/user-stories)



See more at [openstack.org/users](http://openstack.org/users)

# EDGE COMPUTING



**Verizon's cloud-in-a-box offering based on OpenStack delivers computing to the edge**

“We need to be in the edge, the data center, all over the place,”  
–Beth Cohen, distinguished member of technical staff at Verizon.



## FORRESTER®

"Today, OpenStack compatibility is a requirement for all private cloud solutions."

"OpenStack's powerful ecosystem ... [has] driven customer demand for OpenStack API support."



"80% of private cloud users run OpenStack."

"5% of OpenStack clouds among enterprises top the 100,000 core mark."



"86% of Global Telecoms report OpenStack is important or essential to their success."

"Telecoms are already using or currently testing OpenStack for NFV (98%) Internet of Things (91%) and 5G (80%)."



"80% of CIOs polled expecting to use OpenStack in three years, up from 60% using the technology today."

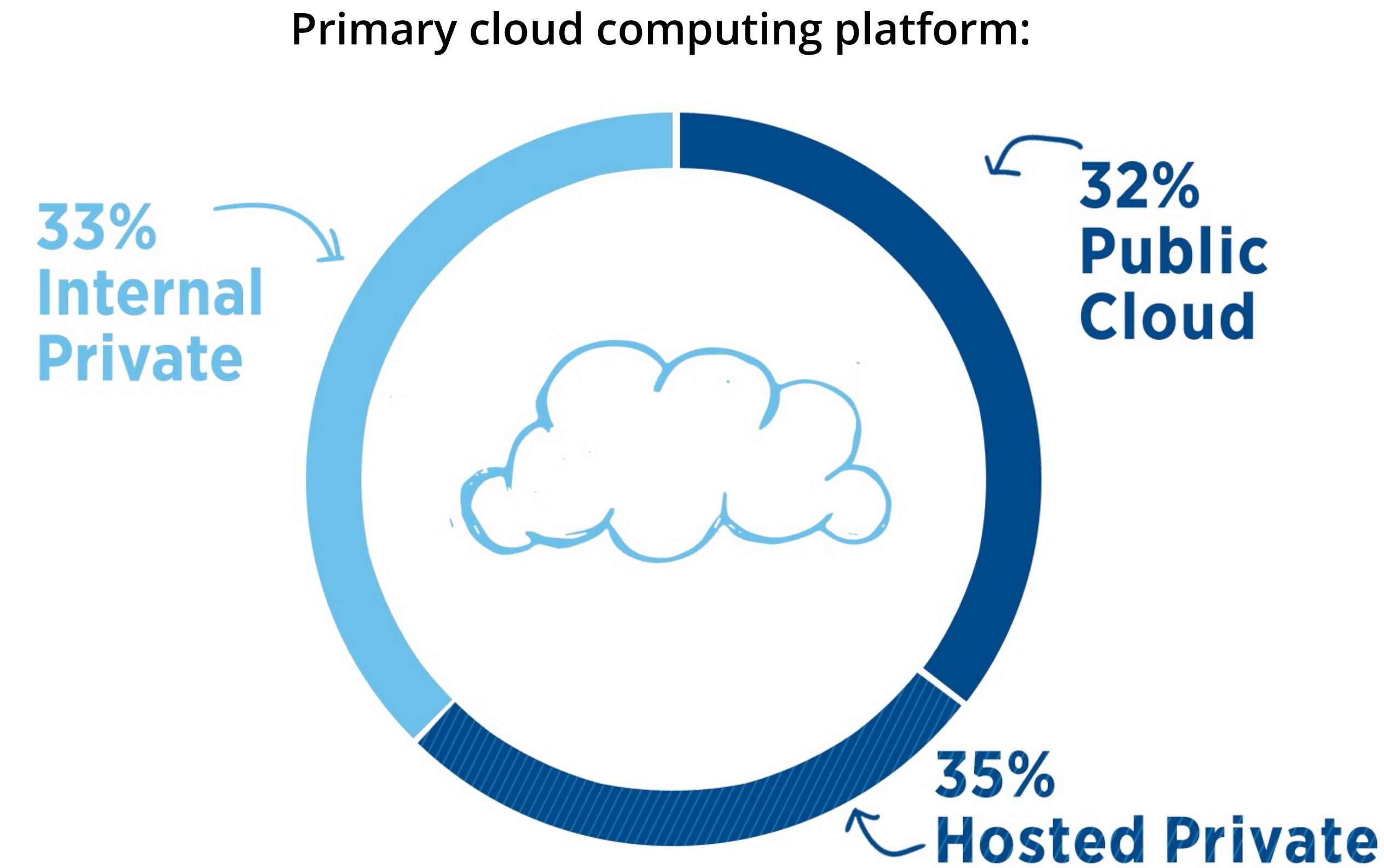


"One of the most important open source projects and de-facto standard when implementing an infrastructure-as-a-service."

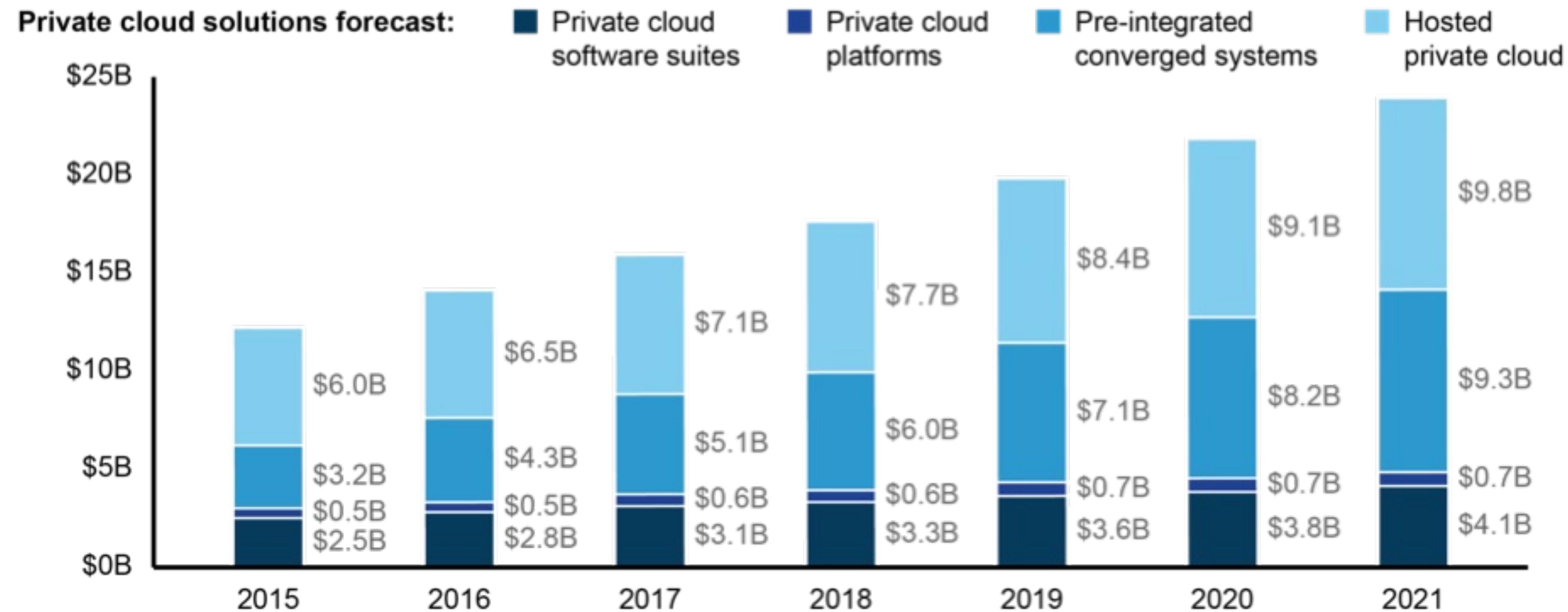


"OpenStack ... has lowered the barrier for creation and set up of new cloud services."

# Private clouds make up 2/3 of cloud platforms



# Private cloud solutions topping \$25B in 2021



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# OpenStack is the de facto standard for private cloud

“OpenStack has “grown into a de facto standard platform for the private cloud market and now serves as the foundation for public clouds, particularly in Europe and China.”

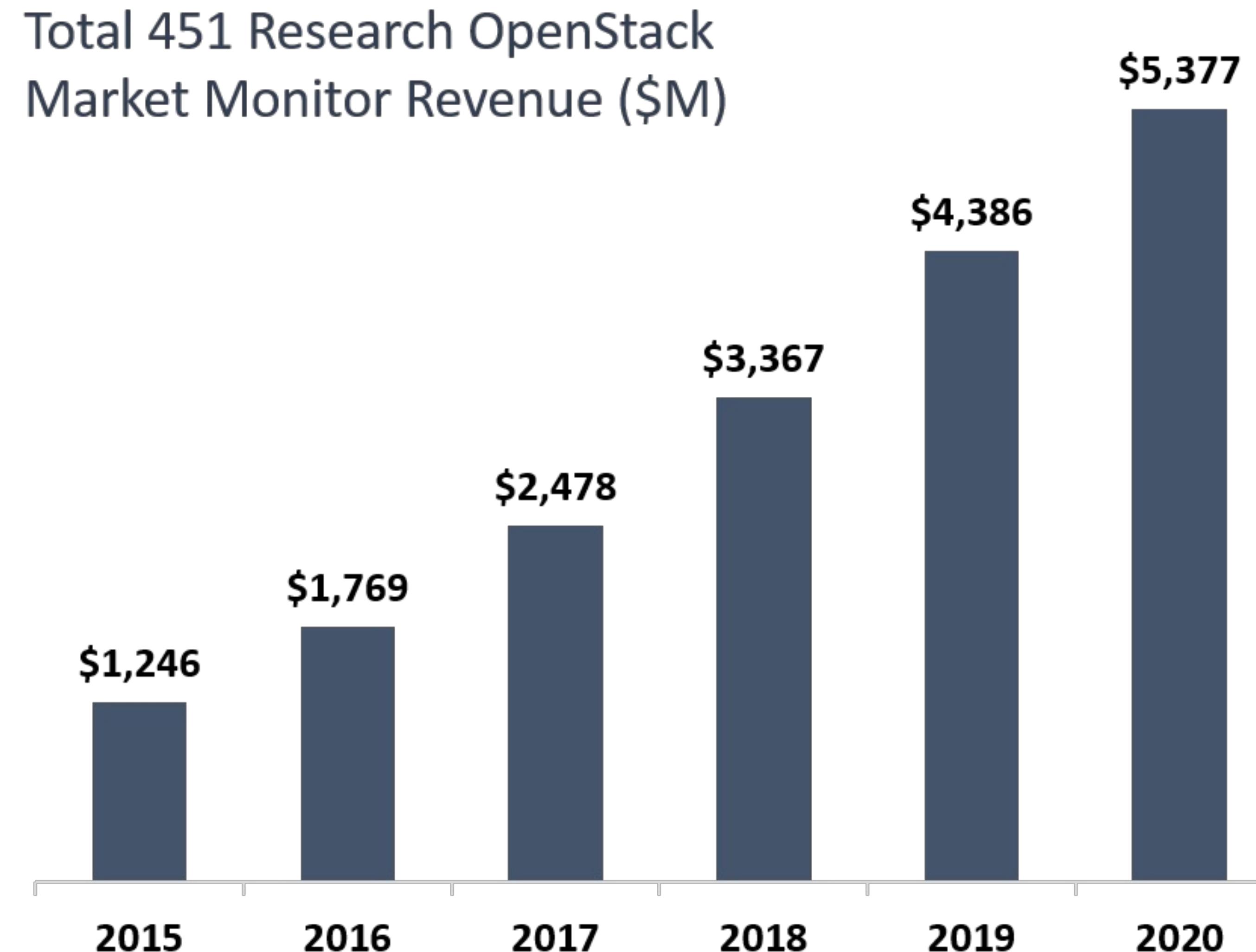
**FORRESTER®**

“80% of private cloud users run OpenStack.”

There are also 30+ OpenStack public cloud providers around the world



# OpenStack software market opportunity exceeds \$5b in 2020





# Ocata software release coverage



OpenStack Says Private Clouds Save Big \$\$\$ Versus Public Clouds



Ocata-bove the rest—OpenStack pushes containers in latest cloud release



...proves containers are not the death of OpenStack



OpenStack Ocata Nova cells set to improve cloud stability



OpenStack Ocata: Container All the Way Down



...Improves cloud usability and federation



Improvement of core infrastructure services and container integration...



...focus on containers and stability at scale



OpenStack sets its sights on the next generation of private clouds



Ocata...enhances container integration



# SYDNEY

SAVE THE DATE  
NOV. 6-8, 2017



Registration and Call for Presentations  
now open: [openstack.org/summit](http://openstack.org/summit)

devs  
users  
**openstack**  
SUMMIT

devs  
openstack  
SUMMIT  
users

# VANCOUVER

MAY 21-24, 2018



- The first OpenStack PTG was held in February in Atlanta, Georgia. Over 500 developers representing nearly 50 teams attended to collaborate and work on the OpenStack Pike release.
- The second PTG will be held in Denver, September 11-14. There are a few sponsorship opportunities available.

*Registration and hotel discounts now available: [openstack.org/ptg](http://openstack.org/ptg)*



## OpenStack Days

In 2016, there were 25 OpenStack Days events reaching over 12,000 global community members

There are more than 16 upcoming OpenStack Day events around the world you can attend or get involved.



*Interested in attending or sponsoring an OpenStack Days event:: [www.OpenStackDays.org](http://www.OpenStackDays.org)*

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# Quick links to resources

User stories: [www.openstack.org/user-stories](http://www.openstack.org/user-stories)

User survey: [www.openstack.org/user-survey](http://www.openstack.org/user-survey)

[www.openstack.org/analytics](http://www.openstack.org/analytics)

User groups: [groups.openstack.org](http://groups.openstack.org)

Analysts: [www.openstack.org/analysts](http://www.openstack.org/analysts)

News: [www.openstack.org/news](http://www.openstack.org/news)

Projects: [www.openstack.org/software/project-navigator](http://www.openstack.org/software/project-navigator)

Software: [www.openstack.org/software/ocata](http://www.openstack.org/software/ocata)

Roadmap: [www.openstack.org/software/roadmap](http://www.openstack.org/software/roadmap)



Have fun with  
**OpenStack!**

OpenStack