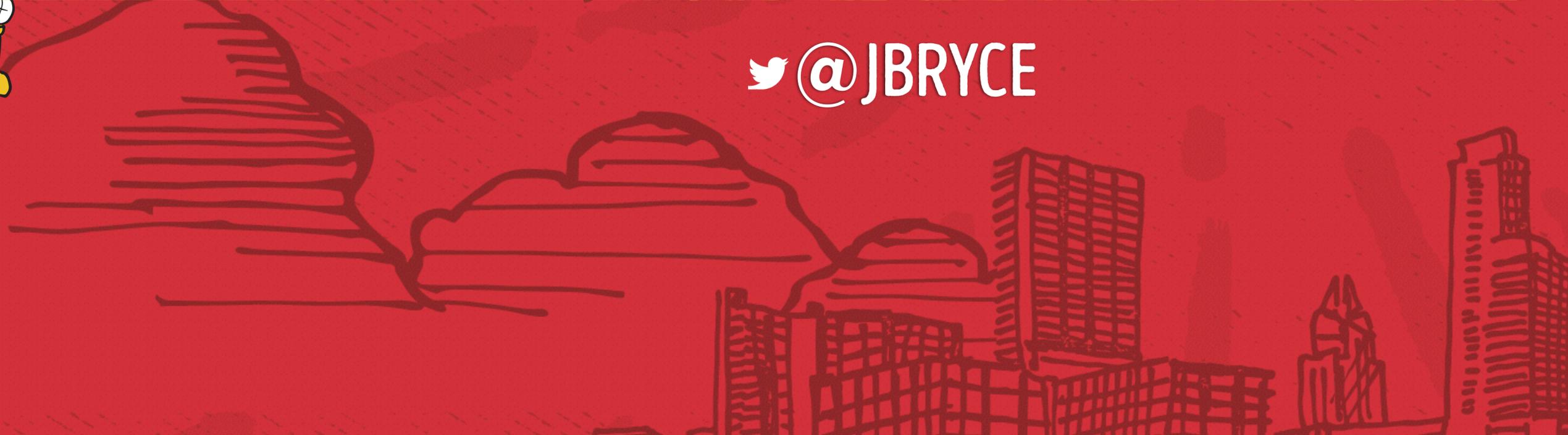




Jonathan
BRYCE

EXECUTIVE DIRECTOR, OPENSTACK FOUNDATION

 **@JBRYCE**





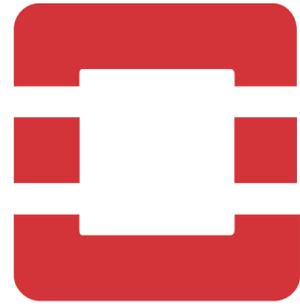
WELCOME TO THE

OPENSTACK

AUSTIN SUMMIT

2016





CERTIFIED

OPENSTACK
ADMINISTRATOR

OPENSTACK

mitaka

13



2,336
DEVELOPERS



345

ORGANIZATIONS



MANAGEABILITY
SCALABILITY
USER EXPERIENCE



65%

➔ OF DEPLOYMENTS

IN PRODUCTION

33%

MORE THAN

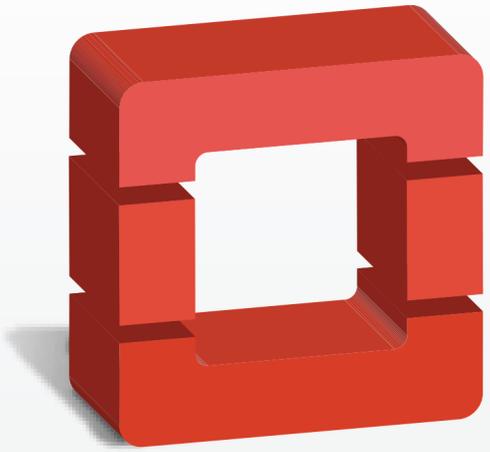
LAST YEAR



97% OF USERS SAY

**“STANDARDIZING ON THE SAME
PLATFORM AND APIS THAT POWER
A GLOBAL NETWORK OF PUBLIC
AND PRIVATE CLOUDS”**

IS A TOP 5 REASON FOR ADOPTING



openstack®

POWERED



HALF OF THE

FORTUNE

1000

RUN OPENSTACK

WALMART

AT&T

CHINA
MOBILE

STATE GRID

VW

ENTERPRISE
PRIVATE CLOUD

PUBLIC
CLOUD

TÉLCOM
AND
NFV

RESEARCH
AND
BIG DATA









中国移动
China Mobile



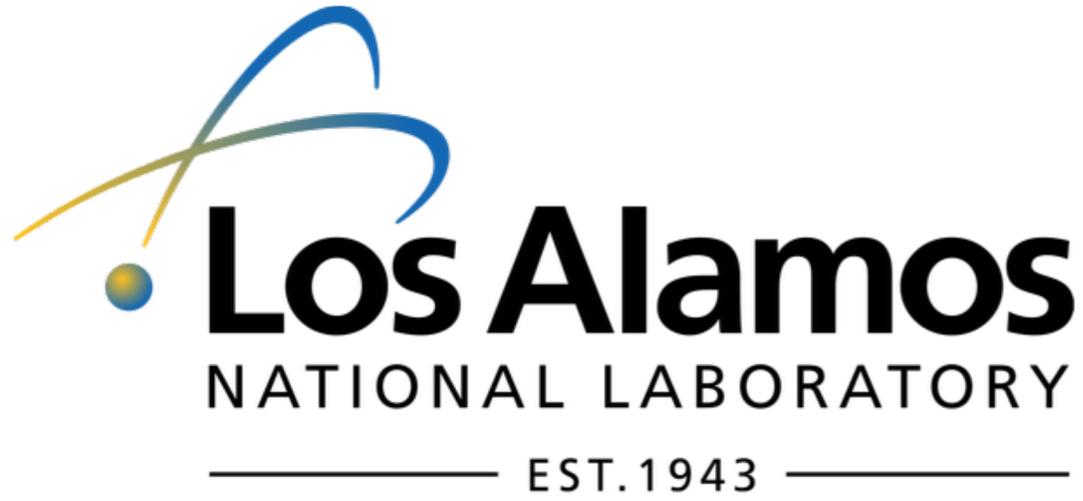
at&t



COMCAST



swisscom



Universidade Federal
de Campina Grande



中山大學
SUN YAT-SEN UNIVERSITY



国家超级计算广州中心
NATIONAL SUPERCOMPUTER CENTER IN GUANGZHOU



UNIVERSITY OF
CAMBRIDGE

TACC



[HTTP://WWW.OPENSTACK.ORG/ENTERPRISE](http://www.openstack.org/enterprise)

[HTTP://WWW.OPENSTACK.ORG/NFV](http://www.openstack.org/nfv)

[HTTP://WWW.OPENSTACK.ORG/MARKETPLACE](http://www.openstack.org/marketplace)



OPENSTACK
IS PART OF A
DISRUPTION

DISRUPTION

can be

TERRIFYING

DISRUPTION

can also be a

HUGE

OPPORTUNITY

OUR I.T. ENVIRONMENTS

are becoming increasingly

DIVERSE

YOU NEED

A STRATEGY FOR TAKING ADVANTAGE OF

DIVERSITY IN I.T.

OPENTACK IS

A STRATEGY FOR TAKING ADVANTAGE OF

DIVERSITY IN I.T.



3

KEYS TO

EMBRACING DIVERSITY



1

PICK STANDARD
PLATFORMS

COMPUTE

STORAGE

NETWORKING

all applications need to

PROCESS

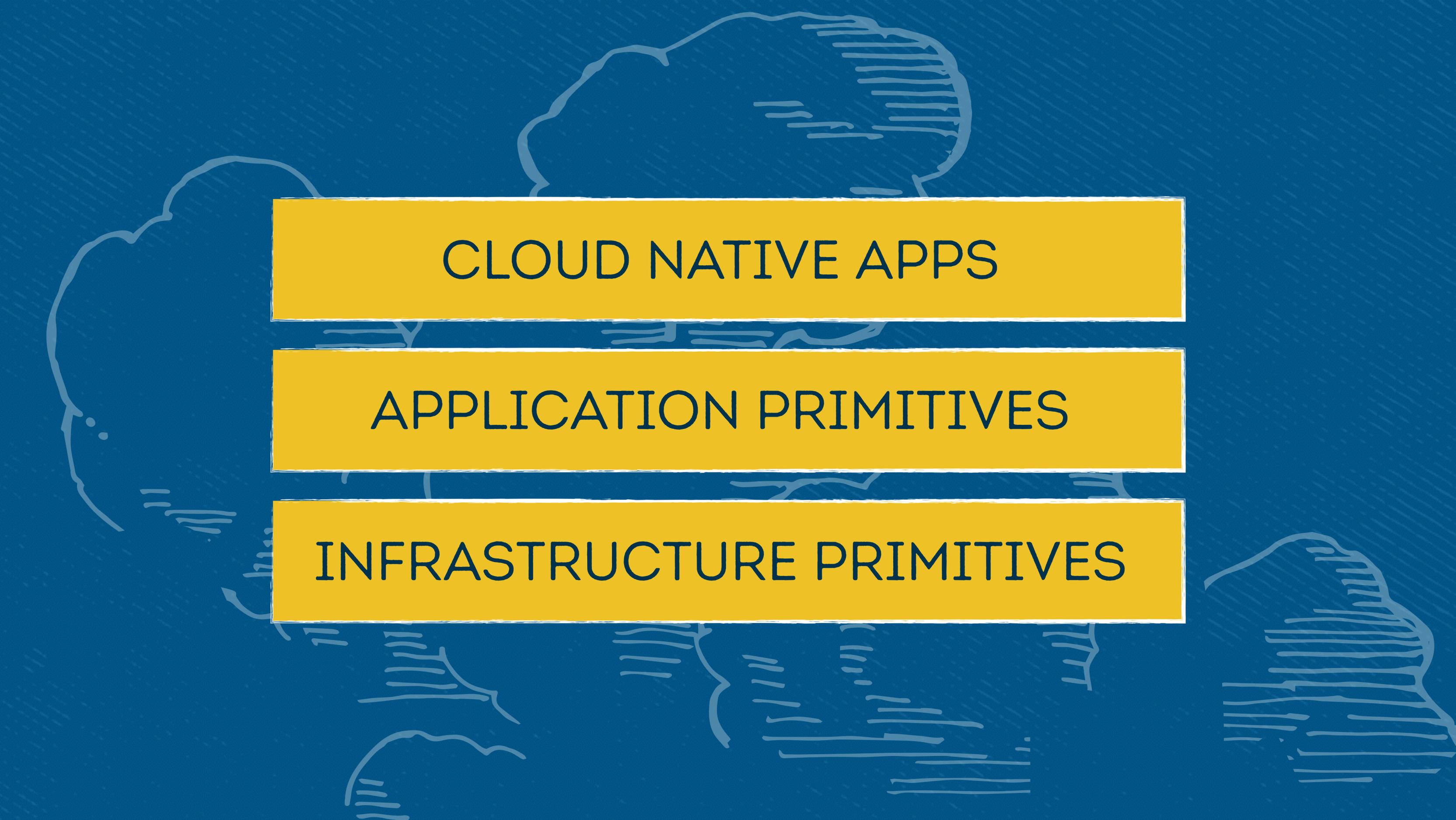
+

STORE

+

MOVE

DATA



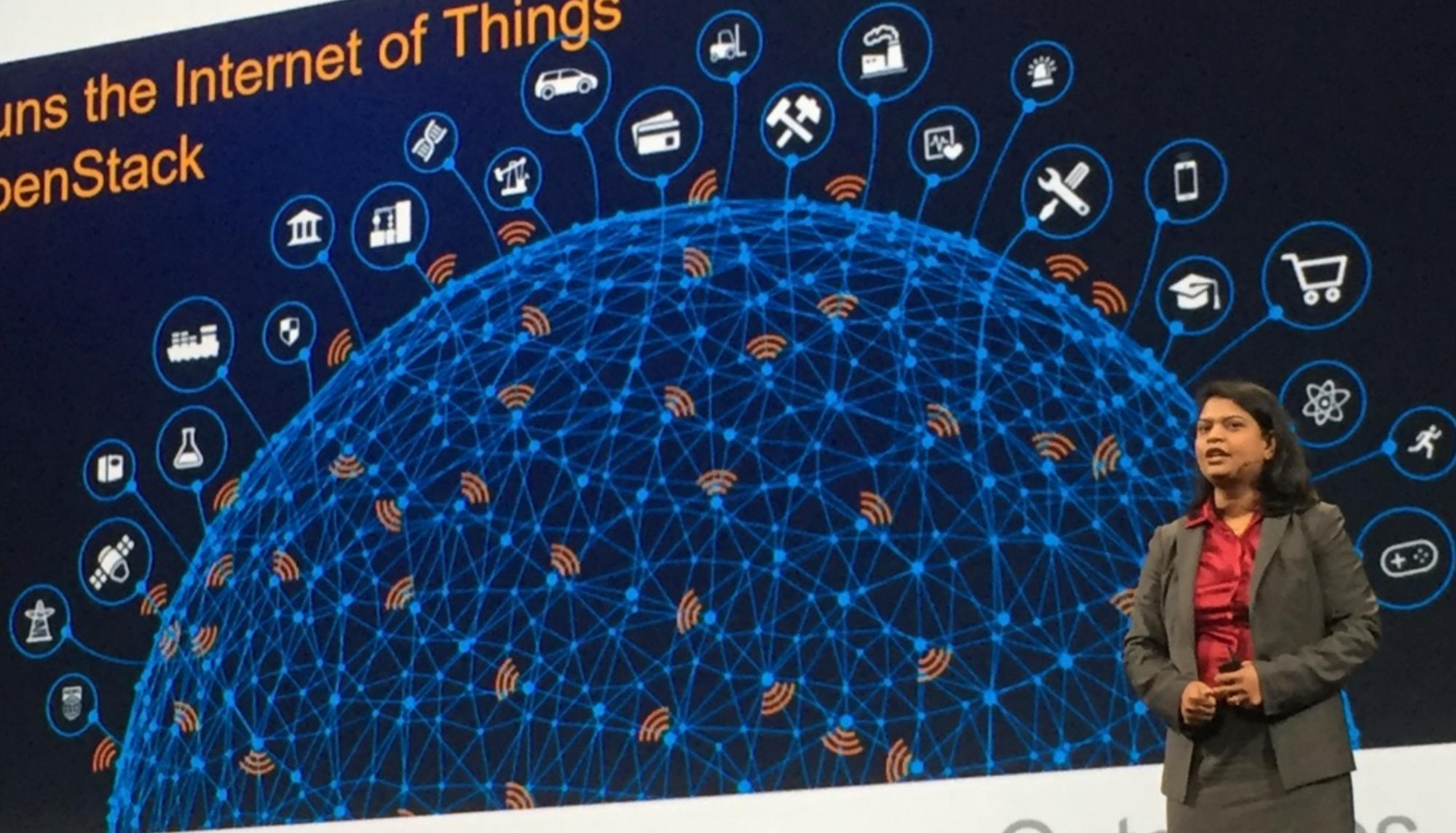
CLOUD NATIVE APPS

APPLICATION PRIMITIVES

INFRASTRUCTURE PRIMITIVES

from Things

How SAP Runs the Internet of Things on Top of OpenStack



April 25, 2016

to Outcomes

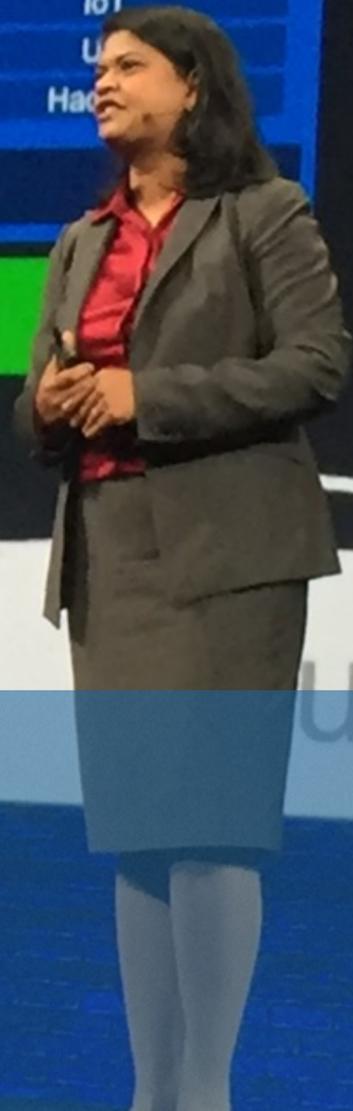
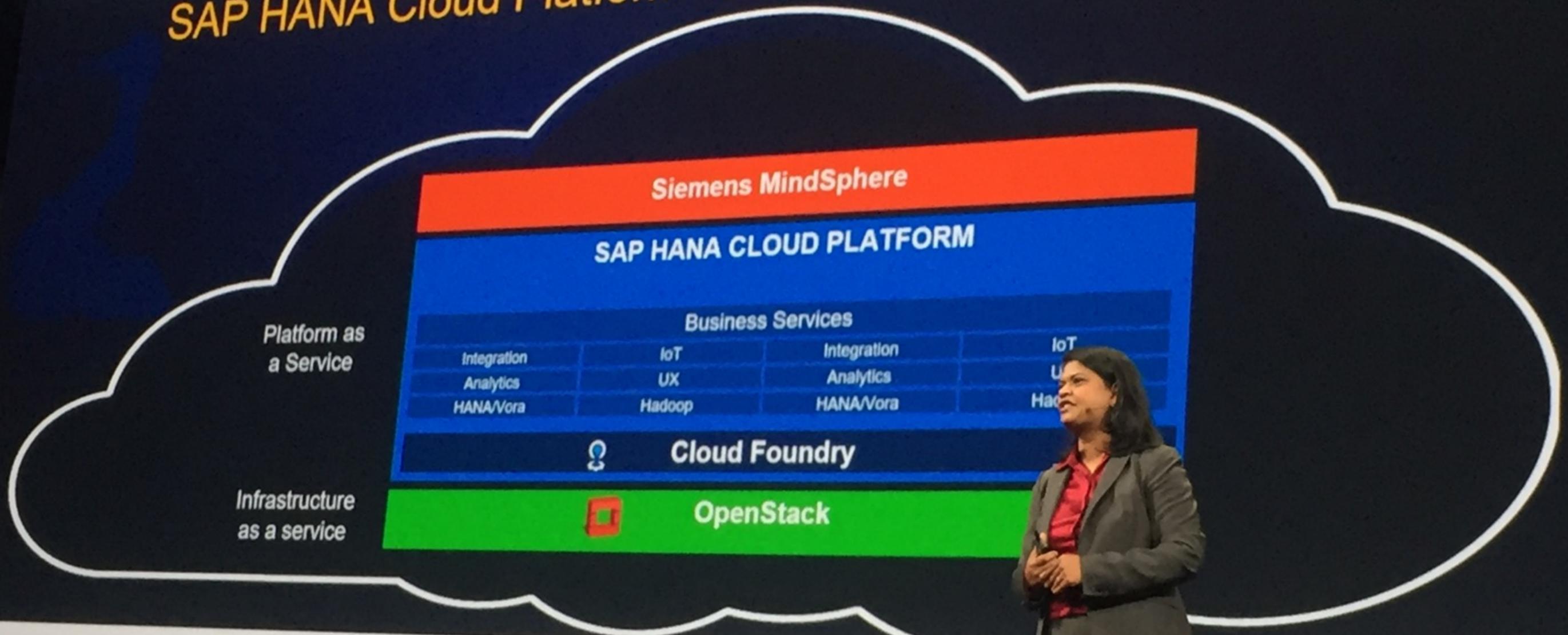


NAYAKI NAYAR



from Things

SAP HANA Cloud Platform and Siemens MindSphere



Outcomes

NAYAKI NAYAR



NO. 2

NEW APPS NEED
OLD APPS

Cloud

HOSTED

SYSTEMS



Cloud

OPTIMIZED

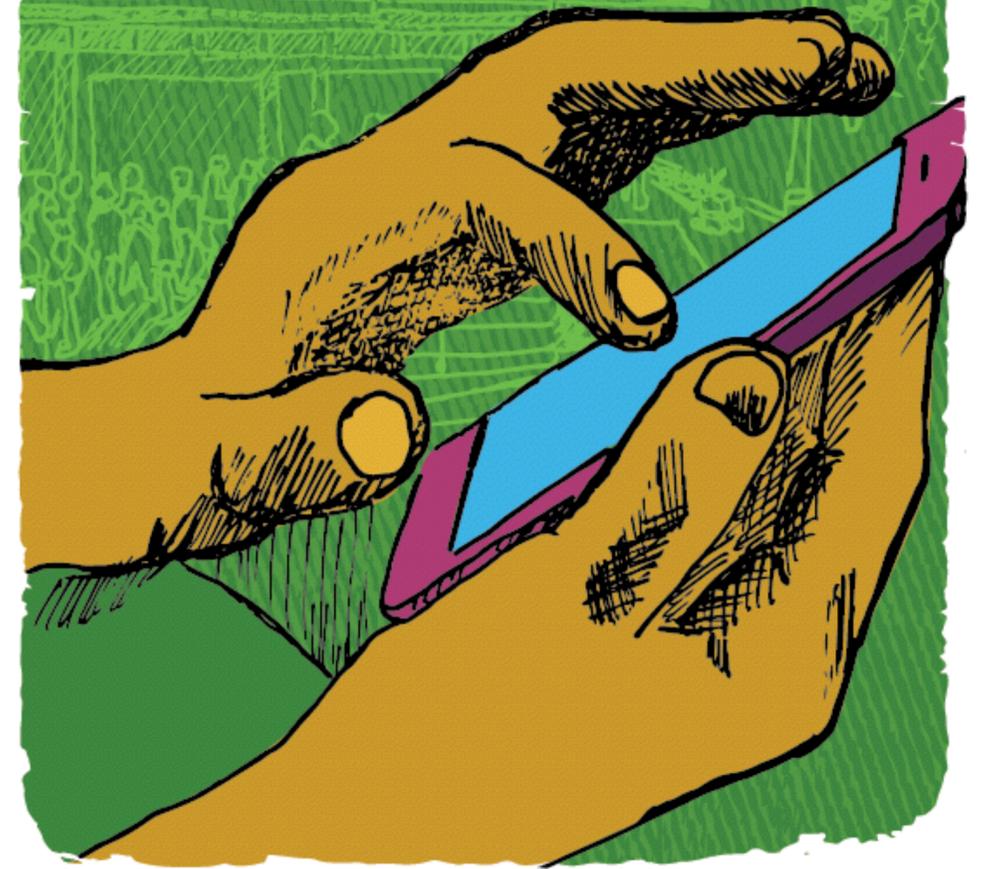
SYSTEMS



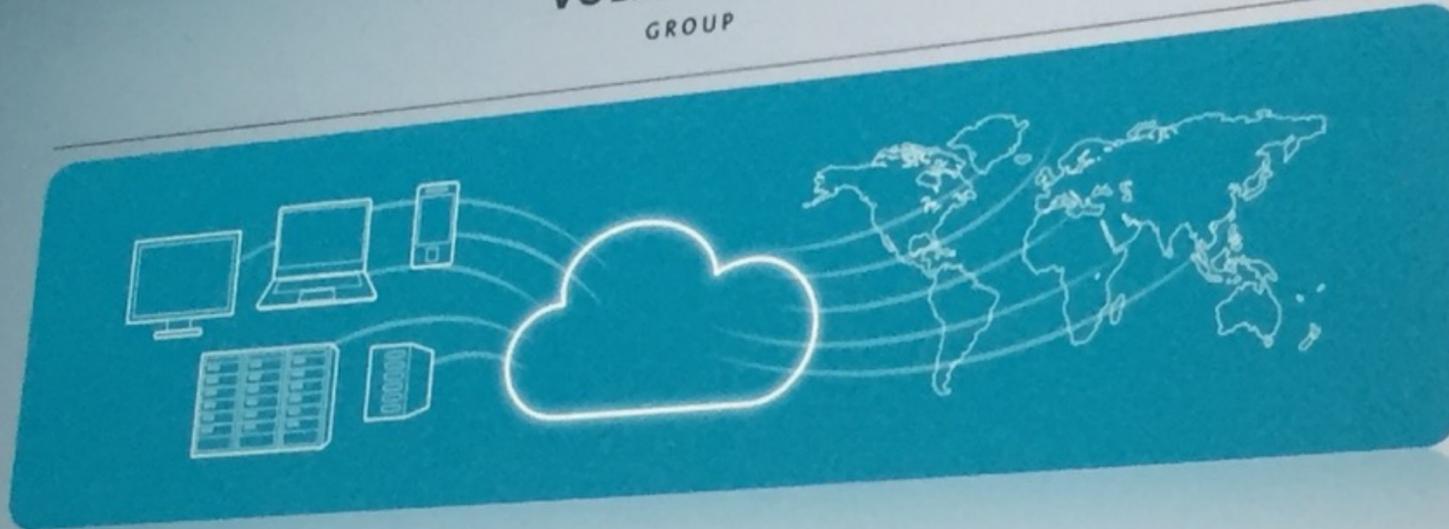
Cloud

NATIVE

SYSTEMS



VOLKSWAGEN
GROUP



OpenStack accelerates the delivery of **new applications** and improves **IT responsiveness** to the business.

MARIO MUELLER



NO. 3

It's about the people



Reese Howard

CULTURE



TECHNOLOGY

It's about the people

Keen Art & Design

44

DAYS

42

DAYS

2

HOURS

2015

114

petabytes daily



SORABH SAXENA

SATISFY

COMPETING PRIORITIES

EMBRACE

DIVERSITY

DEMAND

for

INFRASTRUCTURE

IS EXPLODING



PROCESS
STORE &
MOVE



MASSIVE
AMOUNTS
OF DATA

4000

MILLION

SERVERS

THIS MANY SERVERS

**CANNOT
BE MANAGED**

like they were in the past

PROGRAMMABLE

**BARE METAL, VM
& CONTAINERS**

WE CANNOT

DO THIS
ALONE

LINUX

APACHE

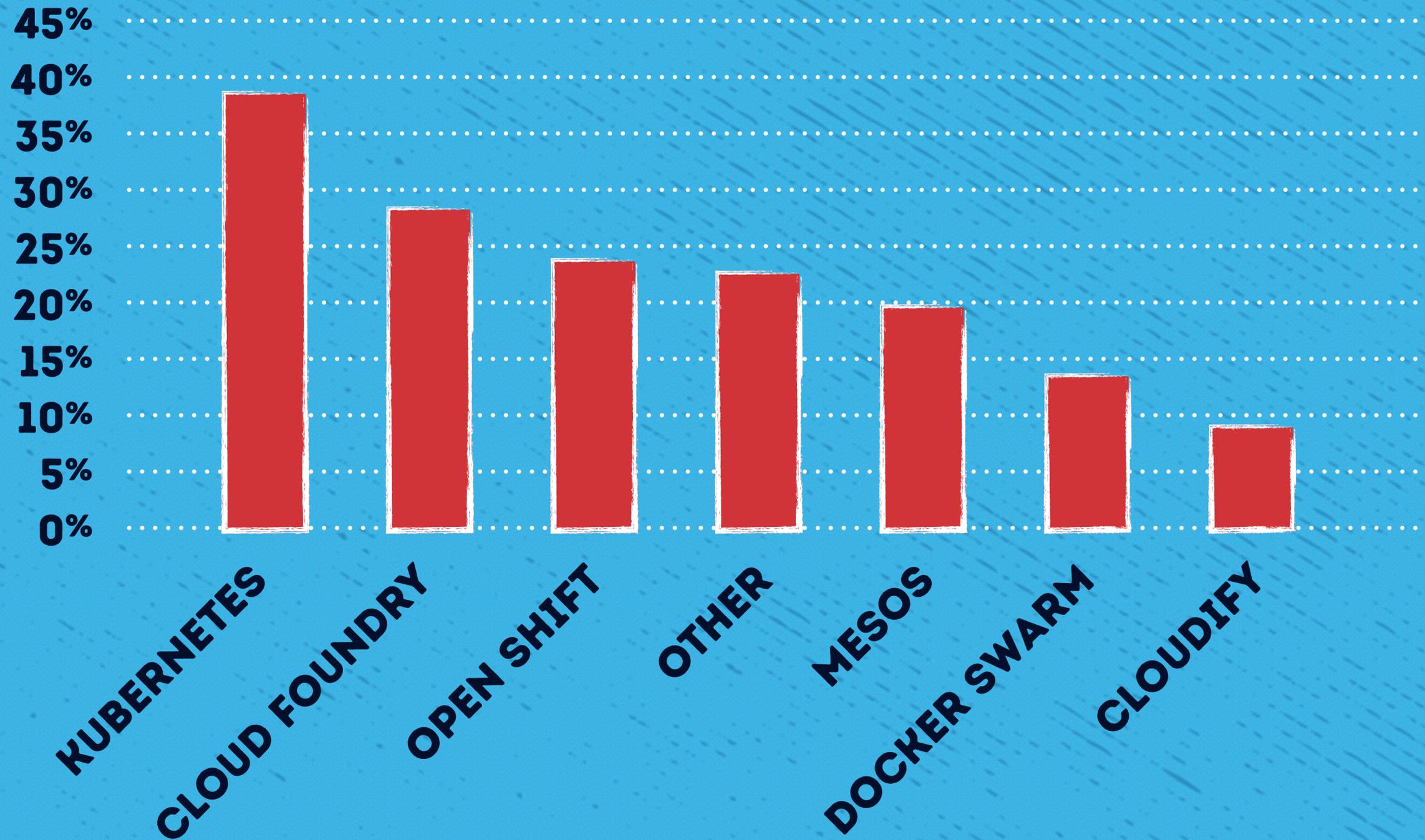
MYSQL

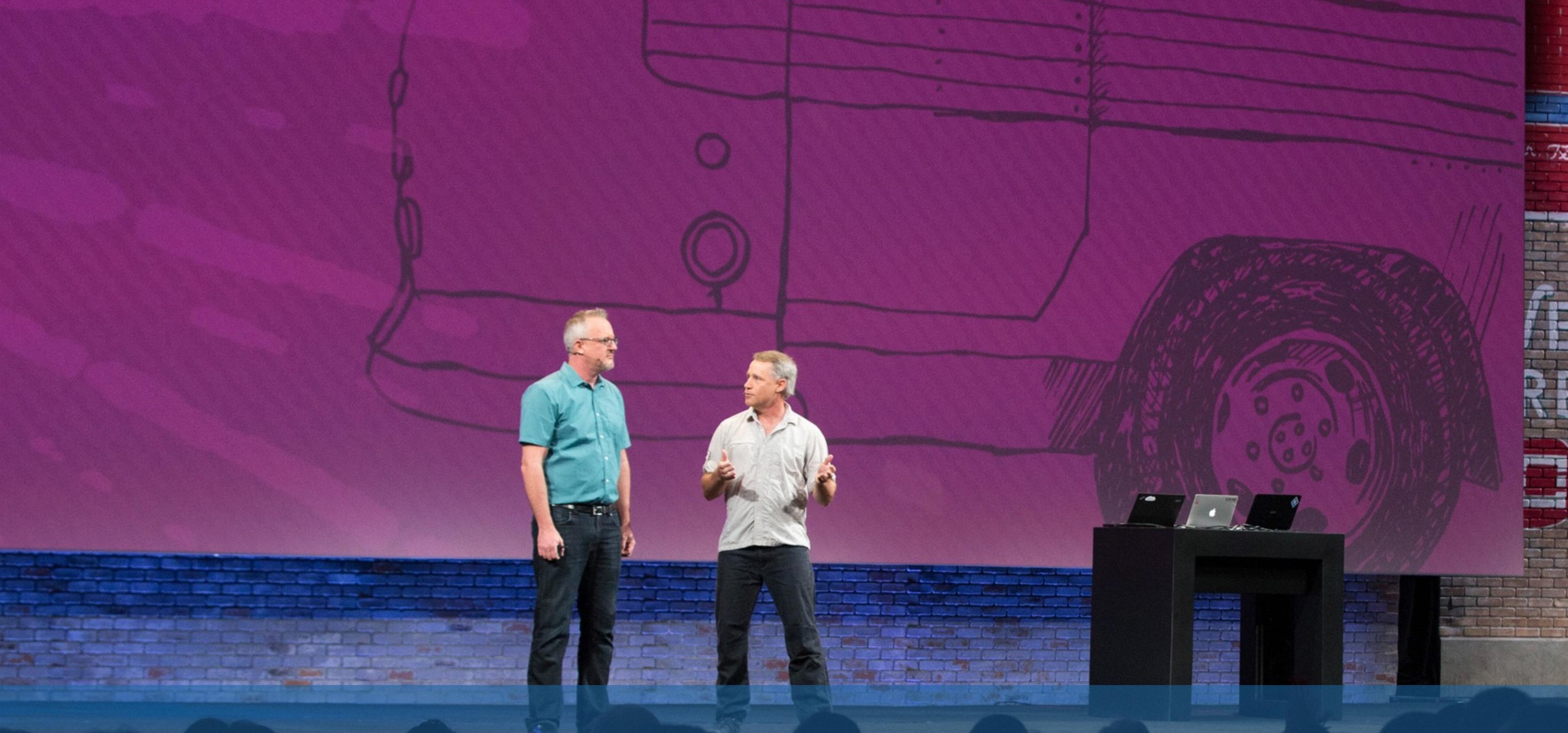
PHP

what will be the

LAMP

STACK OF CLOUD ?





TIM PLETCHER



JAKUB PAVLIK & KOBY HOLZER



CRAIG MCCLUCKIE & ALEX POLVI

COLLABORATE

OR DIE

OpenStack Days

OpenStack Days bring together hundreds of IT executives, cloud operators and technology providers to discuss cloud computing and learn about OpenStack. The regional events are organized and hosted annually by local OpenStack user groups and companies in the ecosystem, and are often one or two-day events with keynotes, breakout sessions and even workshops. It's a great opportunity to hear directly from prominent OpenStack leaders, learn from user stories, network and get plugged into your local community.

There are more than **22 OpenStack Days** scheduled for 2016 - find an upcoming OpenStack Day in your region!

UPCOMING EVENTS

HOST AN OPENSTACK DAY

Upcoming OpenStack Days

May 05, 2016

OpenStack Days Australia

Sydney, AU,

More Details



May 31, 2016

Openstack Days Istanbul

Istanbul, TR,

More Details



Jun 02, 2016

OpenStack Days Tel-Aviv

Tel-Aviv, Israel,

More Details



Jun 06, 2016

OpenStack Days Budapest

Budapest

More Details



[HTTPS://WWW.OPENSTACK.ORG/COMMUNITY/EVENTS/OPENSTACKDAYS](https://www.openstack.org/community/events/openstackdays)



OCTOBER 25-28, 2016

Spain BARCELONA



WEEK OF MAY 8TH, 2017

United States

BOSTON

Australia

SYDNEY

WEEK OF NOVEMBER 6TH, 2017

