



# HPE Helion開発チームをマージした SUSEのOpenStack 戦略とは？

**Alan Clark**  
Alan.Clark@suse.com

**Ryo Murakawa**  
Ryo.Murakawa@suse.com



# SUSE OpenStack Cloud

Private Cloud for Enterprise Business

Alan Clark  
[Alan.Clark@suse.com](mailto:Alan.Clark@suse.com)

## Trends

- ☐ IoT, IIoT
- ☐ Edge Computing
- ☐ Digital Economy, Digital Technology Platform
- ☐ Blockchain, Digital Assets
- ☐ Analytics / Big Data
- ☐ AI, Machine/Deep Learning, Cognitive
- ☐ Micro Services
- ☐ Software Defined \*

**Select 1 out of Infinity**



CONFUSED ??





**There are lots of new squirrels! be bold and stay focused**

Where are we going?

The image is a composite graphic with a blue color scheme. At the top, a world map is shown with glowing white lines representing global connectivity or data flow. Below the map is a silhouette of a city skyline with various skyscrapers. In the foreground, there are silhouettes of several people sitting around a table, appearing to be in a meeting or collaborative work environment. The text "Empower Humans With Technology" and "Any Place - Any Time" is overlaid in white, bold, sans-serif font across the middle of the image.

**Empower Humans With Technology**  
**Any Place - Any Time**



## Customers now expect:

- Instant services & solutions
- On-demand, mobile access
- Security & reliability

Change is everywhere.

The 4th INDUSTRIAL REVOLUTION is here

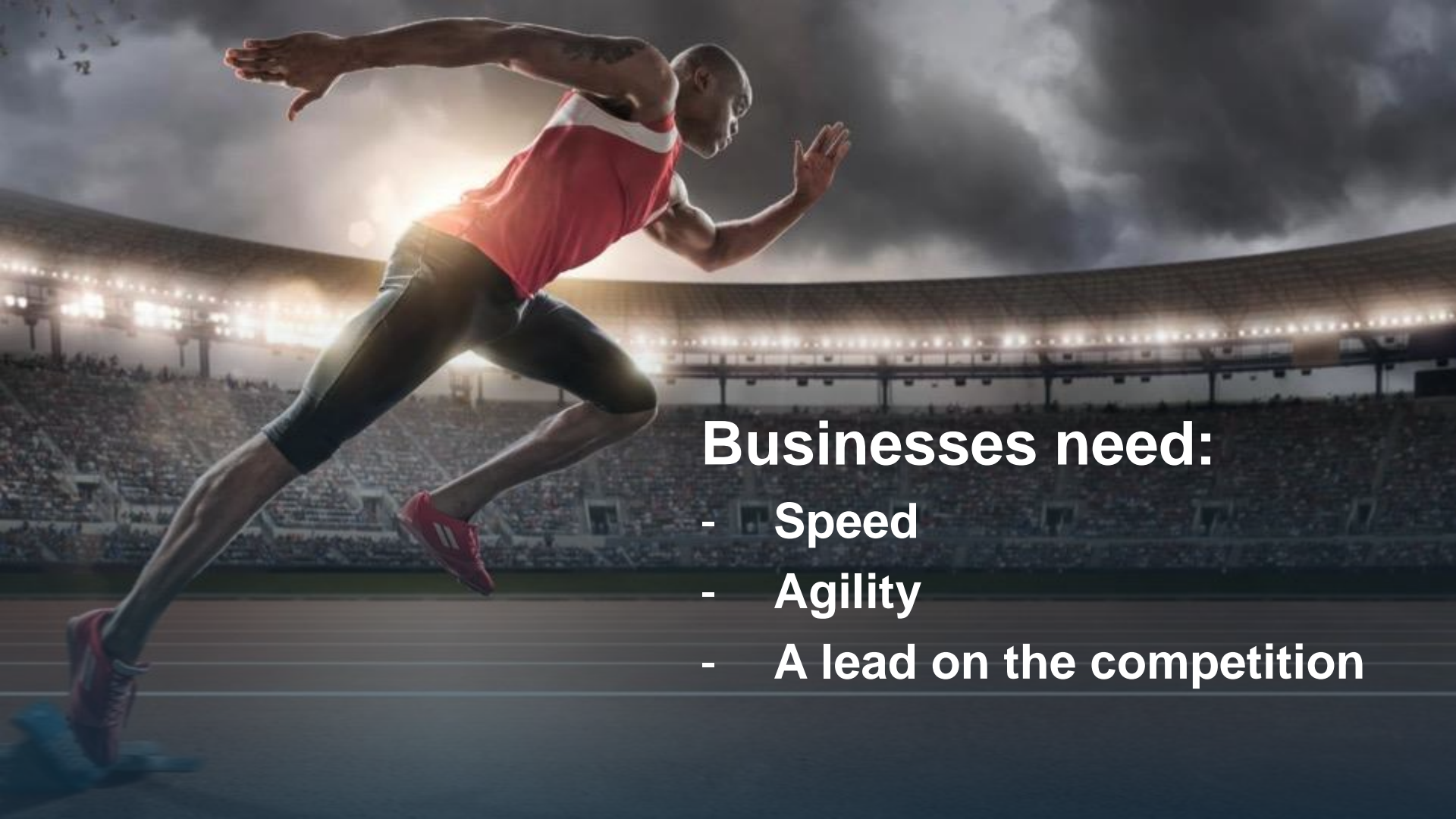


There will be winners and losers.  
Dealing with change is the greatest  
threat facing big business.



# What's on the CTO / IT Managers / LOB Desk?





## **Businesses need:**

- **Speed**
- **Agility**
- **A lead on the competition**

# Top corporate data centre challenges



## Faster response to:

- Needs of the business
- Customer requirements
- Market changes
- Competitive challenges



## Tighter budgets

- Lower TCO
- Faster ROI
- Reduce licence costs
- Rebalance Opex/Capex



## Data Centre Transformation

- Next level of automation
- Manage more with less
- Better utilization
- Resource provisioning & flexibility

# IT Transformation is Required to Meet Changing Business Demands

## IT Infrastructure



Datacenter



Hosted / Managed



Cloud

## Application Deployment



Physical Servers



Virtual Servers



Containers

## Application Architecture



Monolithic



N-Tier



Microservices

## Development Process



Waterfall



Agile



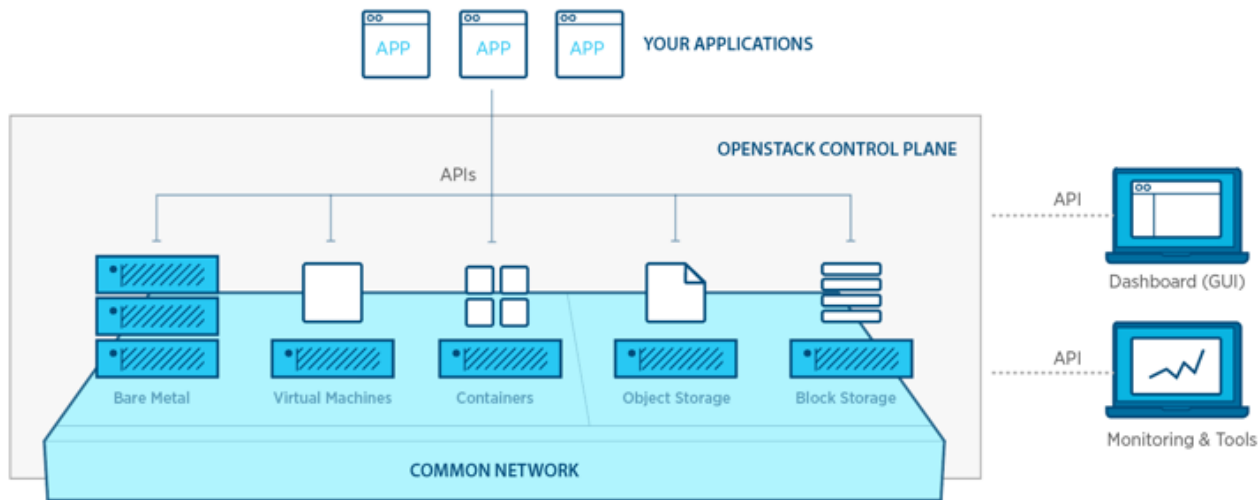
DevOps

# The Cloud is here to help

- 95% of businesses now use cloud computing
- 72% of enterprises are using Private Cloud
- “Cloud-first” strategies will become the norm in 2017



## The Platform For The Next Decade and Beyond



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

SUSE  
Empowers  
Transformation



# SUSE's history with OpenStack

- Founding member and platinum sponsor of OpenStack Foundation
- First to launch an “enterprise-grade” OpenStack distribution in 2012
- Focused on making SUSE OpenStack Cloud the best private cloud solution for enterprise business



# OpenStack Private Cloud Bridging the Two Worlds of IT



**Agile IT  
(Revolutionary )**

**Traditional IT  
(Evolutionary)**

# SUSE OpenStack Cloud

## Delivering the full value of OpenStack



### Traditional IT Evolution

- Rock solid reliability
- Highly available, non-disruptive upgrades
- Business oriented release cycle / longer support
- Widest hypervisor support & interoperability
- Leading enterprise support for entire platform



### Agile IT Revolution

- OpenStack Newton release
- Kubernetes as a Service
- Software defined infrastructure
- Unified storage for production workloads
- Fastest deployment, easy management

# SUSE OpenStack Cloud

## Taking the pain out of OpenStack

"OpenStack is...consistently recognized as overly complex to configure, deploy and upgrade."  
451 Research Feb 2015

"The value proposition for using a distribution writes itself."  
451 Research Q3 2016

SUSE OpenStack Cloud gives you:

- A pre-built solution you can start driving now
- Quality, reliability and performance
- Top class service, maintenance & support
- Excellent value



# SUSE OpenStack Cloud

Answers all the data center challenges

## SUSE OpenStack Cloud delivers:

- Flexibility to respond quickly & easily to new demands
- Increased agility, speed and efficiency
- An elastic platform for increased innovation
- Lower costs, faster ROI
- Greater control and security
- Self-service capabilities
- High quality services



# SUSE OpenStack Cloud 7 New Features

New Feature	Why It's Important
<b>Built on OpenStack Newton code release</b>	Timely access latest cloud technologies in areas where innovation is occurring at a rapid pace
<b>Kubernetes as a Service</b>	Helping customers build new cloud-native containerized applications fast and supporting their DevOps initiatives
<b>Delivery of non-disruptive upgrade capabilities</b>	Avoid downtime and service interruption when migrating to new OpenStack releases
<b>Integration of OpenStack shared file service with CephFS, delivered via SUSE Enterprise Storage</b>	Giving customers a unified storage system for block, object and file access for production workloads
<b>Improved scalability across multiple data centers</b>	Enable users to access, manage and control multiple private clouds through a single user interface

# SUSE Software-Defined Infrastructure

Our Open, Flexible Infrastructure Vision



## Management

### Operations, Monitor and Patch

- SUSE Manager
- openATTIC

### Cluster Deployment

- Crowbar
- Salt

### Orchestration

- Heat
- Kubernetes

## Application Delivery



### Custom Micro Service Applications

Kubernetes / Magnum



### Platform as a Service

Cloud Foundry



### Containers

SUSE CaaS Platform



### Private Cloud / IaaS

SUSE OpenStack Cloud



### Public Cloud

SUSE Cloud  
Service  
Provider  
Program

## Software Defined Everything



### Virtualization

KVM, Xen, VMware,  
and z/VM



### Storage

SUSE Enterprise  
Storage



### Networking

SDN and NFV



### Operating System

SUSE Linux Enterprise Server

**Physical Infrastructure:** Server, Switches, Storage

**Private  
cloud?**  
**Don't go  
it alone.**

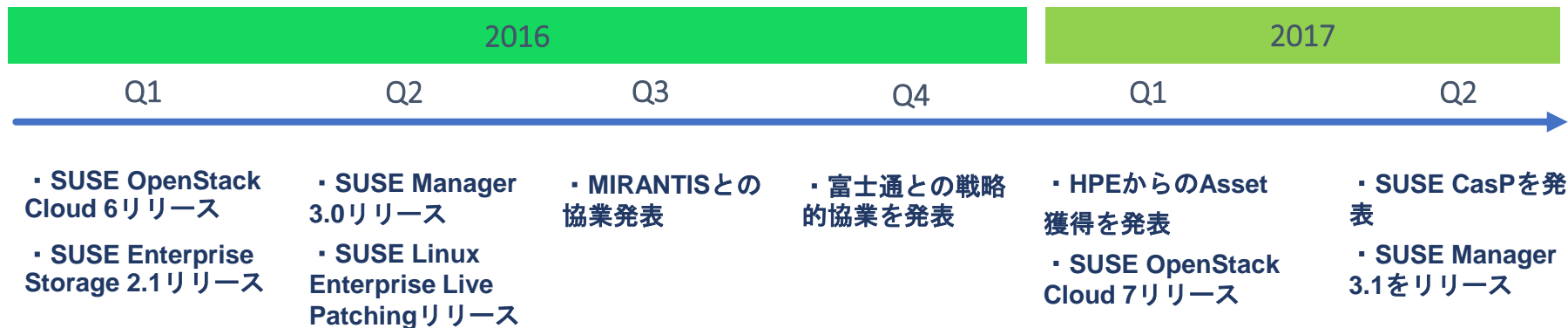
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with SUSE  
OpenStack  
Cloud.  
[suse.com/smile](https://suse.com/smile)



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# SUSEのHPE Asset獲得までの流れ

# 2016年からの動き



# SOC&Hellionについて

# 富士通との戦略的協業

PRESS RELEASE

2016年11月16日

富士通株式会社

SUSE Limited Liability Company

## 富士通とSUSE、オープンソース製品開発・サポートで戦略的に協業

### ハイブリッドクラウド対応製品、ミッションクリティカル、将来のコンテナ技術の3分野で共同開発

富士通株式会社（本社：東京都港区、代表取締役社長：田中達也、以下、富士通）とSUSE Limited Liability Company（本社：ドイツ ニュルンベルク、CEO：ニルス・ブラウクマン、以下、SUSE）は、このたびハイブリッドクラウド対応製品・ミッションクリティカルサポート・将来のコンテナ技術の3分野においてオープンソースコミュニティにおける開発からマーケティング・販売まで戦略的に協業します。

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# 協業の第一弾

May 8, 2017

**SUSE Unveils SUSE OpenStack Cloud Monitoring to  
Simplify and Manage OpenStack Cloud  
Deployments**

# HPE社からAssetの買収

March 9, 2017

**SUSE Completes Acquisition of OpenStack IaaS and  
Cloud Foundry PaaS Talent and Technology Assets  
from HPE**

# Innovation That is Open for All

SUSE + HPE : 戦略的提携

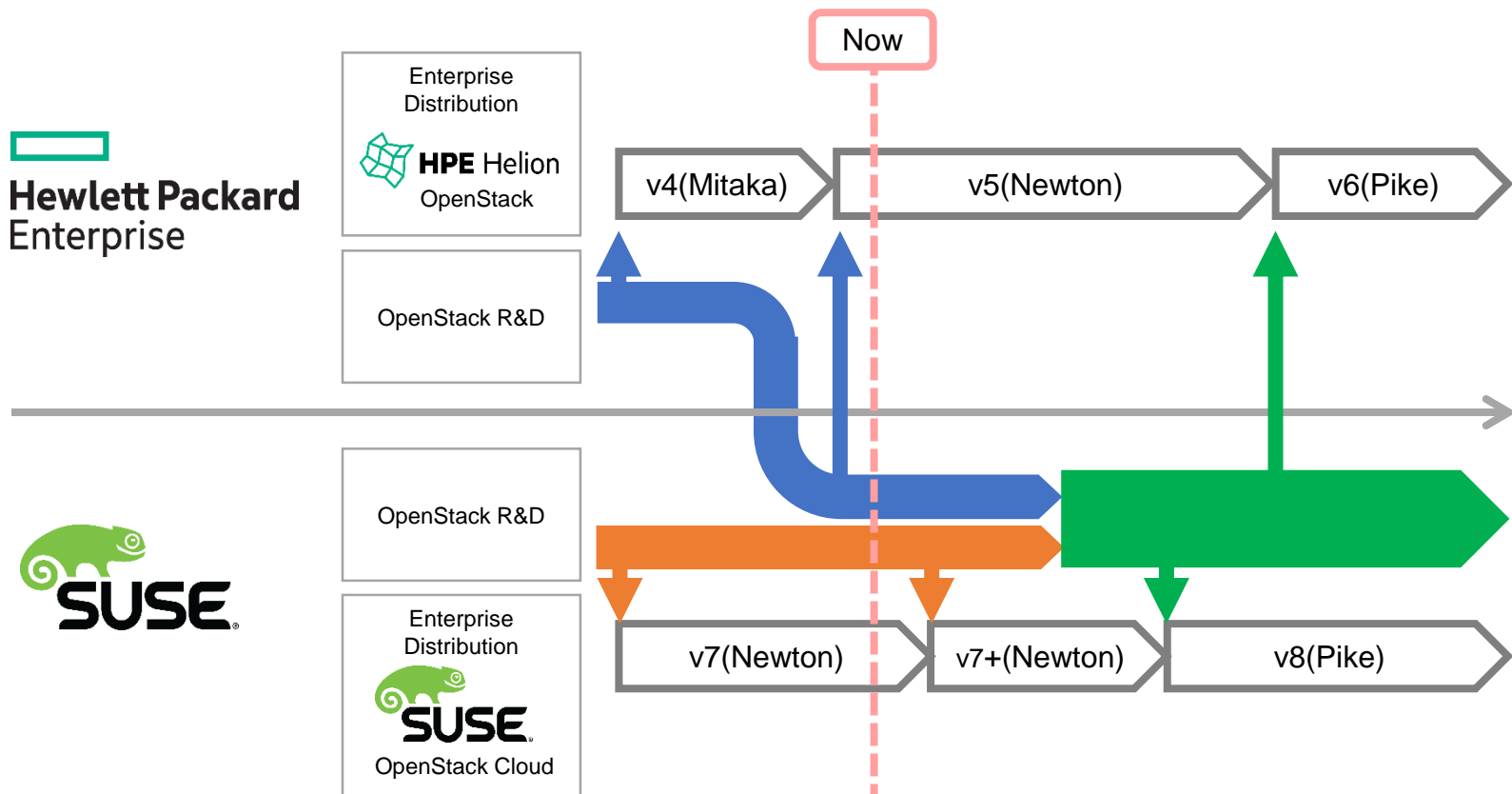
- ・OpenStackおよびStackato(CaaS+Cloud Foundry)  
関連人材/アセットのHPE→SUSEへの移譲
- ・HPEはSUSEソリューションをOEM展開



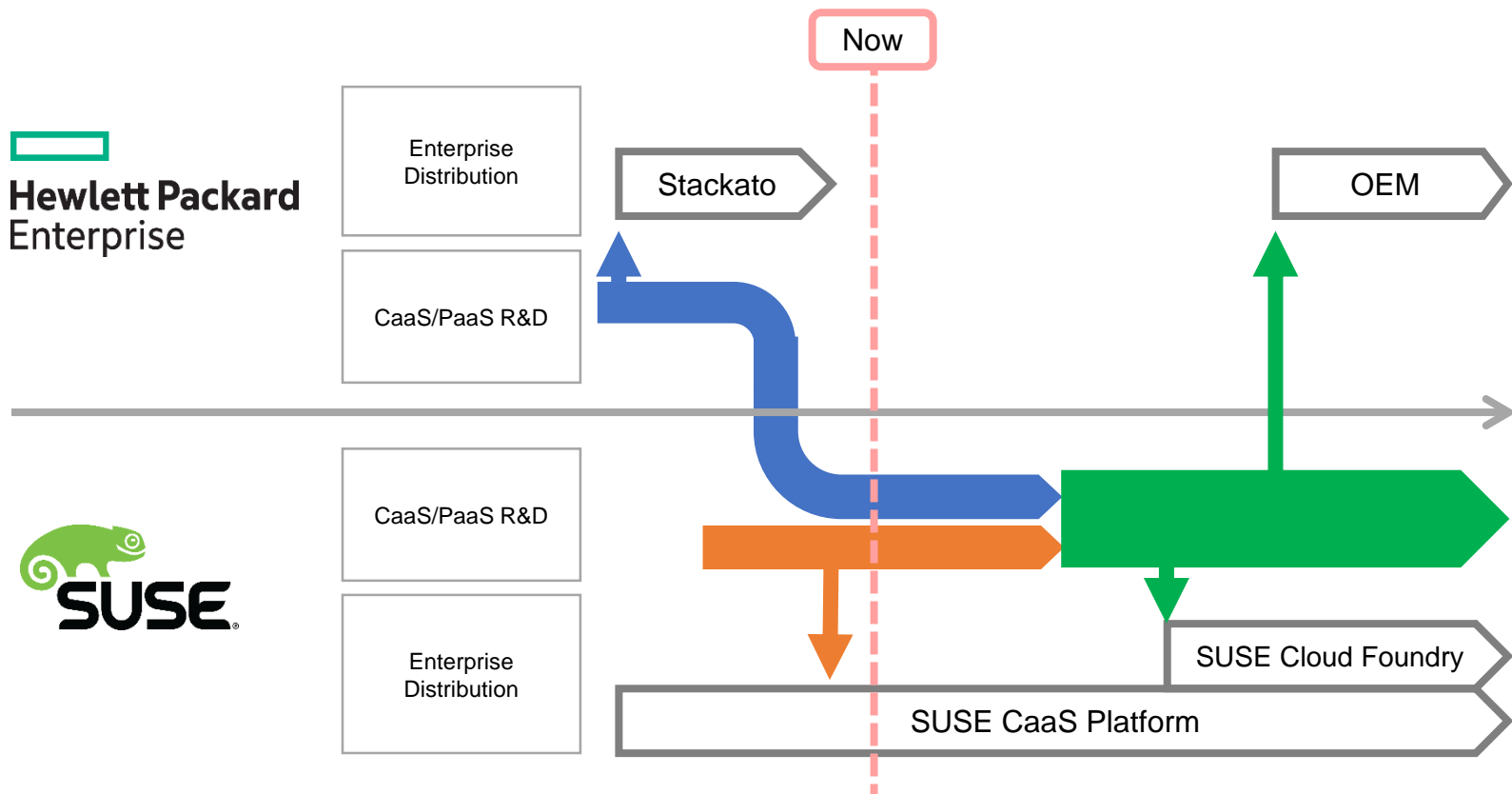
**SUSE :**  
IaaS/CaaS/PaaSのソリューション強化

**HPE:**  
エンタープライズ市場へのさらなるコミットメント

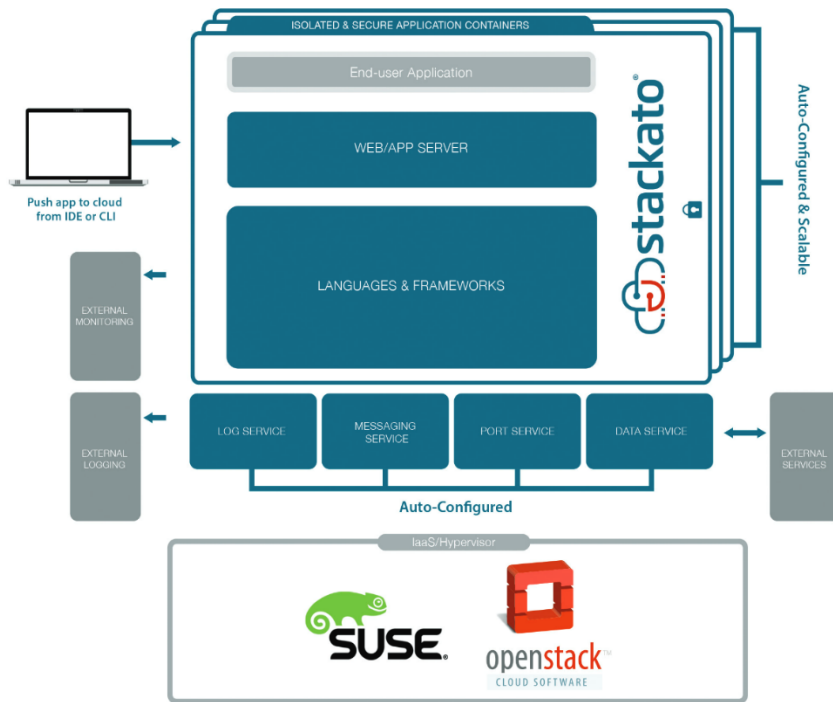
# SUSE + HPE : OpenStack



# SUSE + HPE : CaaS and Cloud Foundry

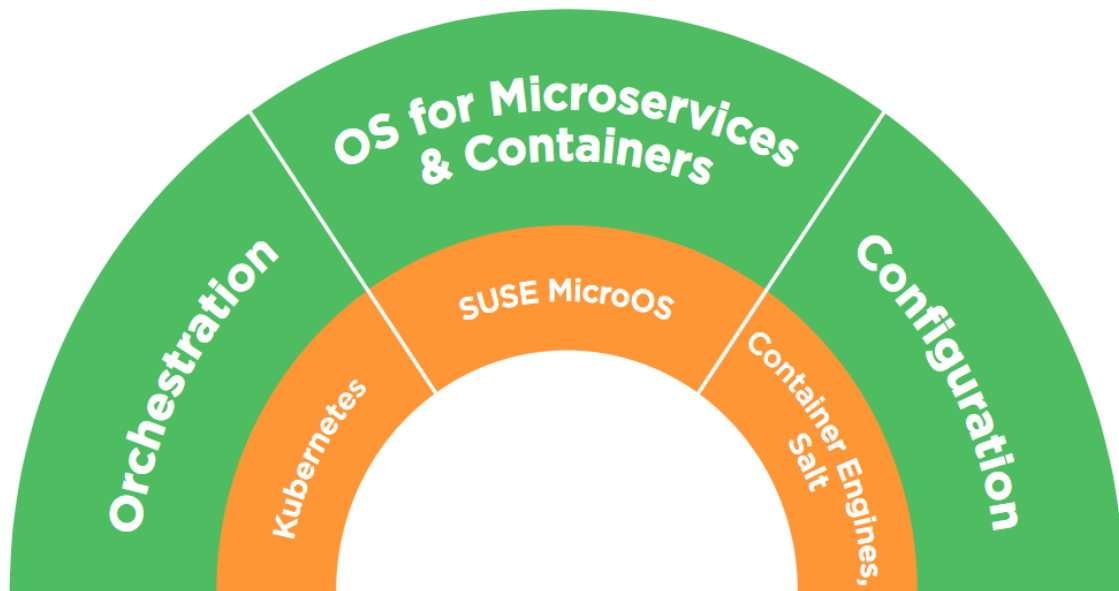


# SOC+Stackato



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# SUSE CasPとは



**SUSE CaaS Platform**



Save the date:

# SUSECON 2017 PRAGUE, CZECHIA

September 25-29, 2017 • #SUSECON

<http://www.susecon.com/>

## Why attend SUSECON 2017?

- Technical training from the source – from engineers who *create* the solutions
- 100 hours of hands-on training
- Inspiring keynotes from industry leaders
- Unparalleled access to SUSE executives and technical staff
- Complimentary certification exams on Linux, OpenStack cloud and Ceph storage
- More fun than you *should* have at a tech conference!

# SUSE / HPE による OpenStack 実践セミナー

**日時** 2017年 9月14日 木  
15:00~17:30 [14:30~ 受付開始]

**受講料** 無料 (事前登録制)

**対象** OpenStackに興味をお持ちの  
ユーザー企業、およびパートナー企業の皆様  
※お申し込み多数の場合ユーザー企業を  
優先させていただきますことをご容赦願います。

**主催** SUSE (ノベル株式会社)  
日本ヒューレット・パッカード株式会社



〒107-6329 東京都港区赤坂5-3-1 赤坂Biz タワー29階

詳細情報や、  
ご登録はコチラ!



プログラム詳細は右記のWebサイトにてご確認ください。

<http://www.suse.com/openstack-tokyo/>



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