



# 5 доводов в пользу облаков с ОТКРЫТЫМ КОДОМ

**Андрей Соснихин**

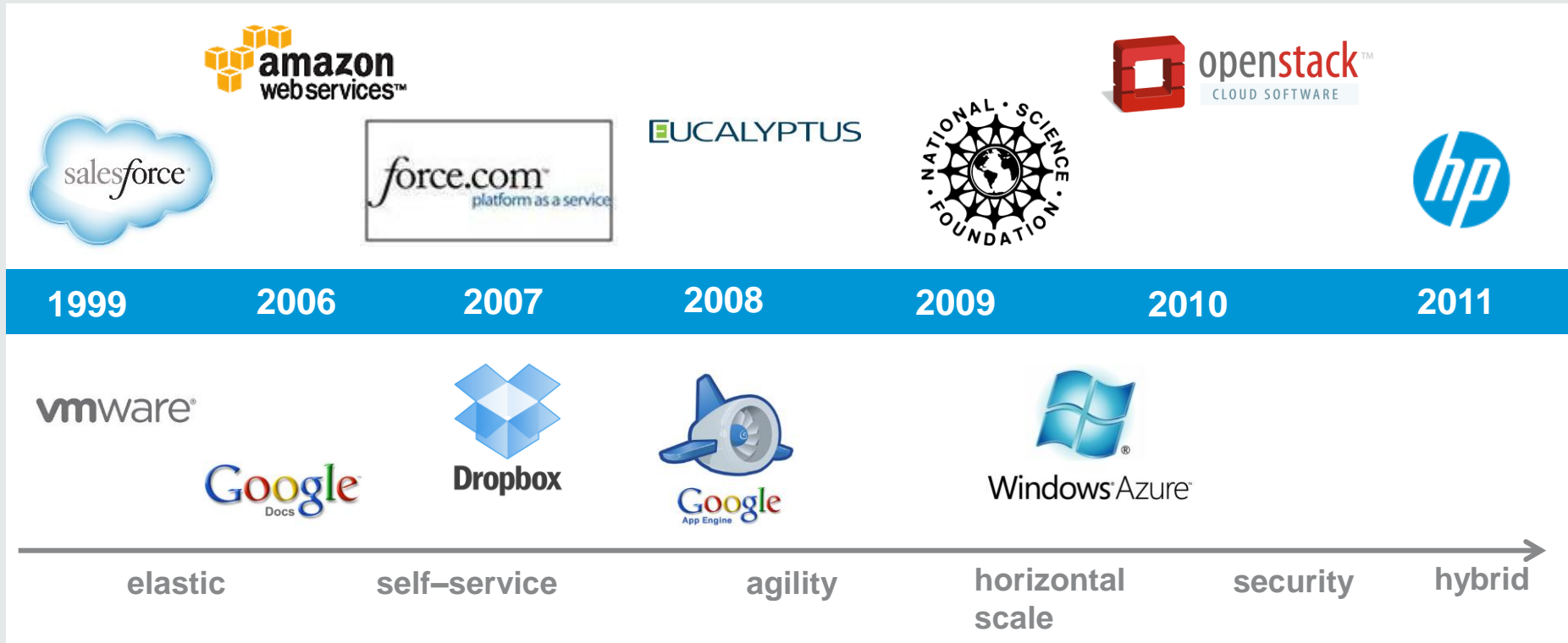
**Руководитель направления облачных вычислений**

**HP Россия**

**Looking back...**



# Growth of Cloud Computing

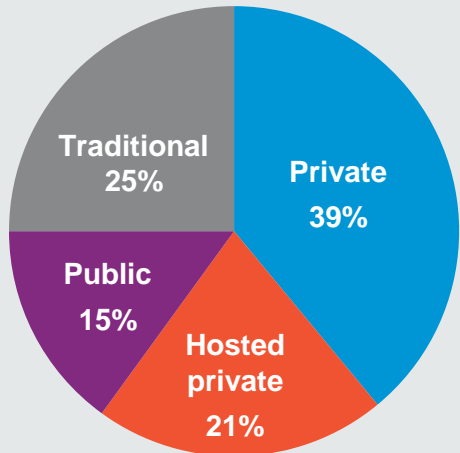


# Bridging enterprise requirements and The Cloud



# Hybrid growth and OpenStack® deployments

## IT delivery by 2016 <sup>1</sup>



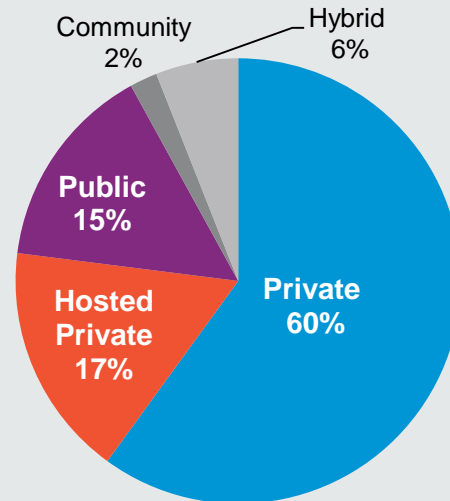
***“..nearly half of large enterprises will have hybrid cloud deployments by the end of 2017”***  
– Gartner <sup>2</sup>

<sup>1</sup> Source: Coleman Parkes Research by HP, May 2013

<sup>2</sup> Gartner Press Release: "Gartner says Cloud Computing Will Become The Bulk of New IT Spend By 2016", Goa, India, October 24, 2013.  
<http://www.gartner.com/newsroom/id/2613015>

<sup>3</sup> OpenStack User Survey: October 2013. <http://www.openstack.org/blog/2013/11/openstack-user-survey-october-2013/>

## OpenStack® Deployments <sup>3</sup>



***59% of Executives say that cloud computing must evolve to an open platform <sup>1</sup>***



# Open Source and the infrastructure of the cloud



# Fastest growing global Open Source

CC

## Countries

131

## Individual members

12,999

## Total developers

1,483

## Regular developers

354

## Companies

282

## Top 10 company contributors

Red Hat, HP, Mirantis, IBM, Rackspace, SUSE, DreamHost, eNovance, Canonical, Intel

## Code contribution (Havana release)

20,000+ commits  
910 contributors



# Who's using OpenStack® today?



**PayPal™**

workday™

HubSpot



**CISCO™**

**IBM®**



eNovance  
Cloud & Managed Services Provider



**CLOUDSSKY**  
The Sky Of Open Clouds!

Seagate 

**suse**

**WIPRO**  
Applying Thought

**rackspace®**  
the open cloud company

**SONY**

**comcast®**

**cloudup**

Source: <http://www.openstack.org/user-stories/>





# Drivers for an Open Source cloud

## Drivers



Cost savings



Open standards



No vendor lock-in



Portability



Flexibility

## Concerns



Lack of support



Security



Ecosystem



Integration



Maturity

# OpenStack® is the foundation of HP's Cloud Platform

## Platform



Portability  
Manageability  
Scalability

### OpenStack®

Open platform:  
Fastest growing open source project  
Rapid innovations from a community of thousands  
HP is a top contributor

### HP Value add

Tested and hardened at scale  
Converged Infrastructure enhancements & integration  
Security focus  
Enterprise grade

### HP Cloud OS

Enterprise-ready hybrid cloud platform  
Automated patch and release mgmt  
Standards based infra and app modeling  
Cost effective from small to massive scale



# Make Hybrid Real with HP Cloud Today!

- 1 Try HP Cloud OS [www.hp.com/go/cloudos](http://www.hp.com/go/cloudos) now!
- 2 Download the **Cloud Accelerator Pack**  
[www.hp.com/go/acceleratorpack](http://www.hp.com/go/acceleratorpack)
- 3 Find a **HP solution partner** that works with our Hybrid cloud on our Cloud Partner Navigator Tool: [www.hp.com/go/cloudnavigator](http://www.hp.com/go/cloudnavigator)
- 4 Follow us **@hpcloud** on Twitter



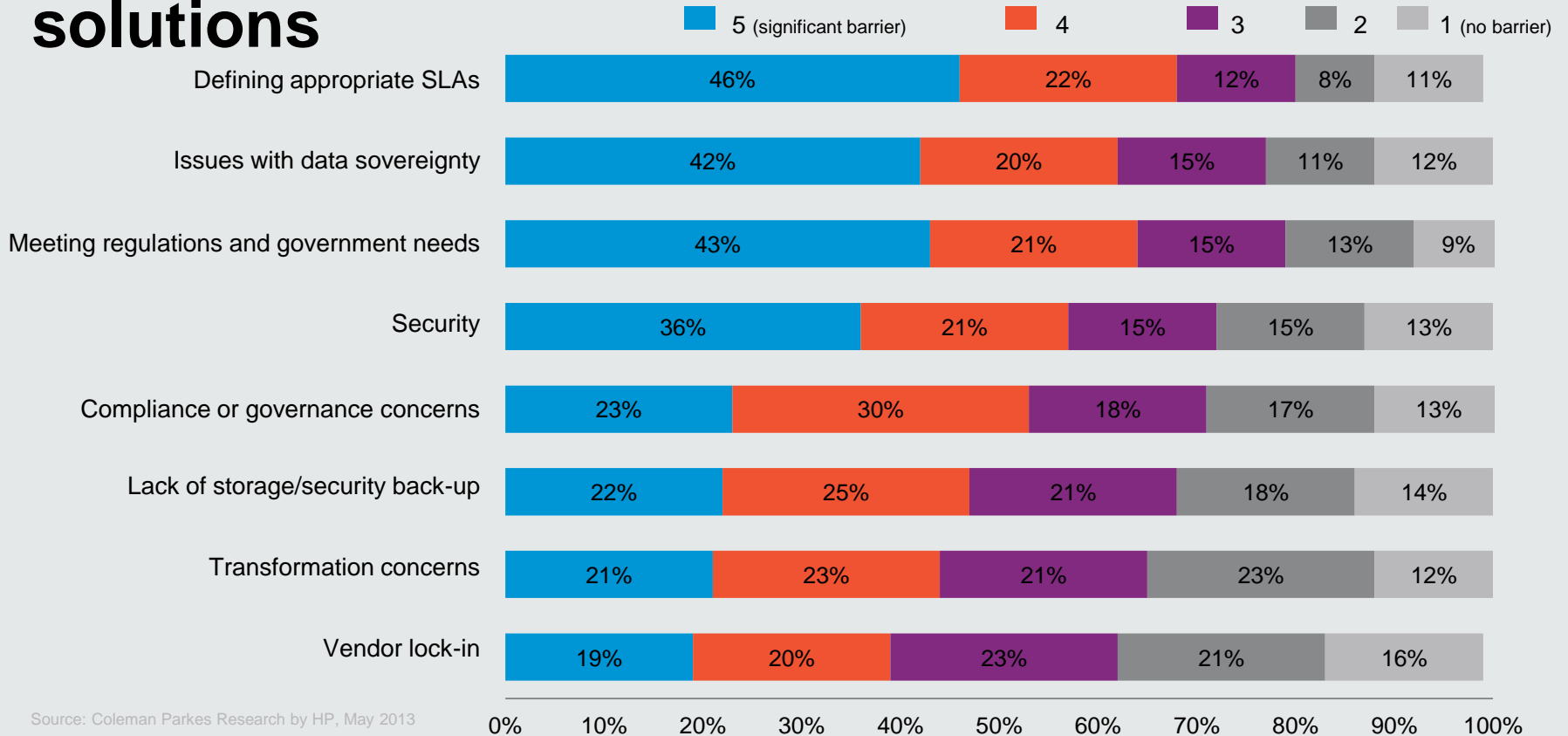


**Спасибо!**

# 10 things learned when building HP Cloud

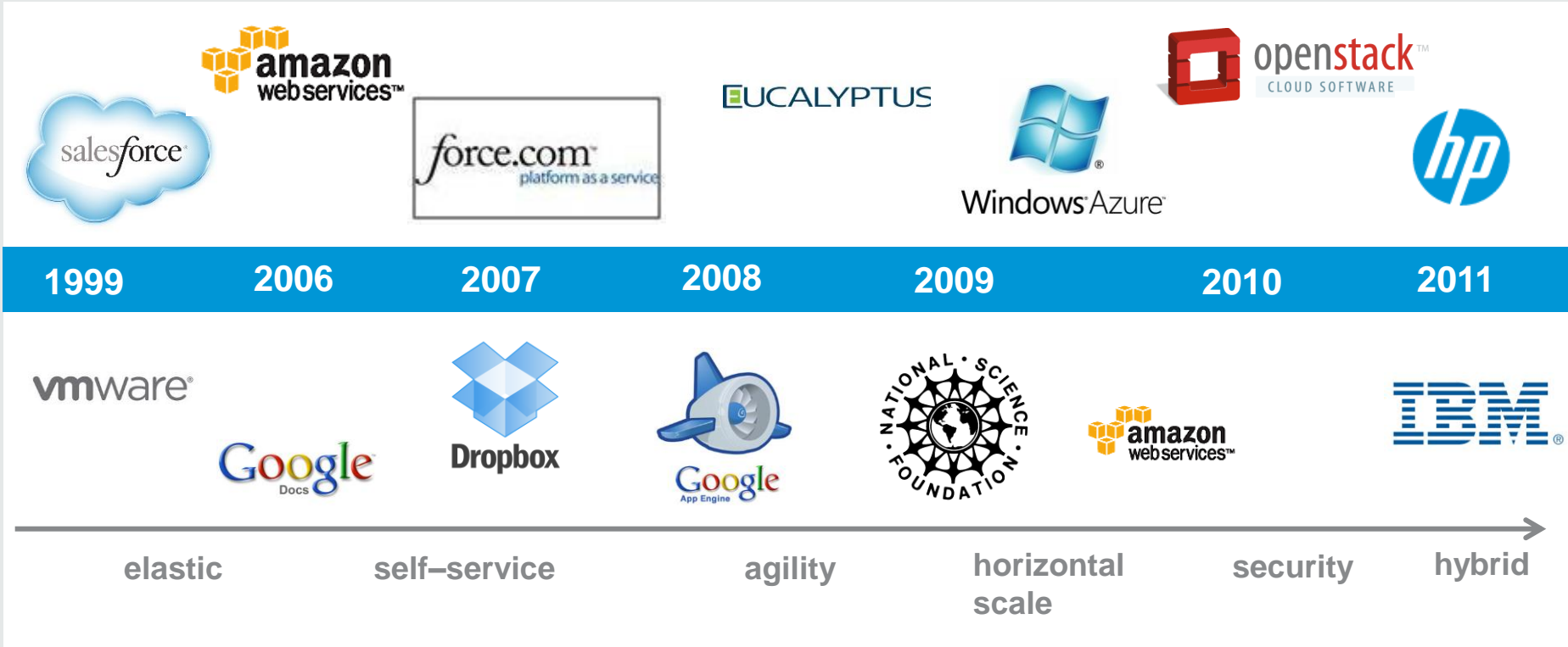
- 10 Open Source is a community not a spectators sport
- 9 Some assembly required
- 8 Scalability does not equal stability
- 7 Updating clouds in-flight is a nightmare but a reality
- 6 It's public! Security is a non-negotiable
- 5 24x7x365? It has to be simple to operate
- 4 Just say no to 2 am support calls and lengthy war-rooms
- 3 Well tuned cloud makes for happy customers
- 2 Version updates? Got API compatibility?
- 1 All workloads are not created equal

# Top barriers to the adoption of Cloud-based solutions



Source: Coleman Parkes Research by HP, May 2013

# Growth of Cloud Computing



# Learn more about this topic

Use HP's Augmented Reality (AR) to access more content

1. Launch the **HP AR** app\*
2. View this slide through the app
3. Unlock additional information!



\*Available on the App Store and Google Play





# Thank you

