

Открытые стандарты для создания облачных решений, OpenStack и не только.

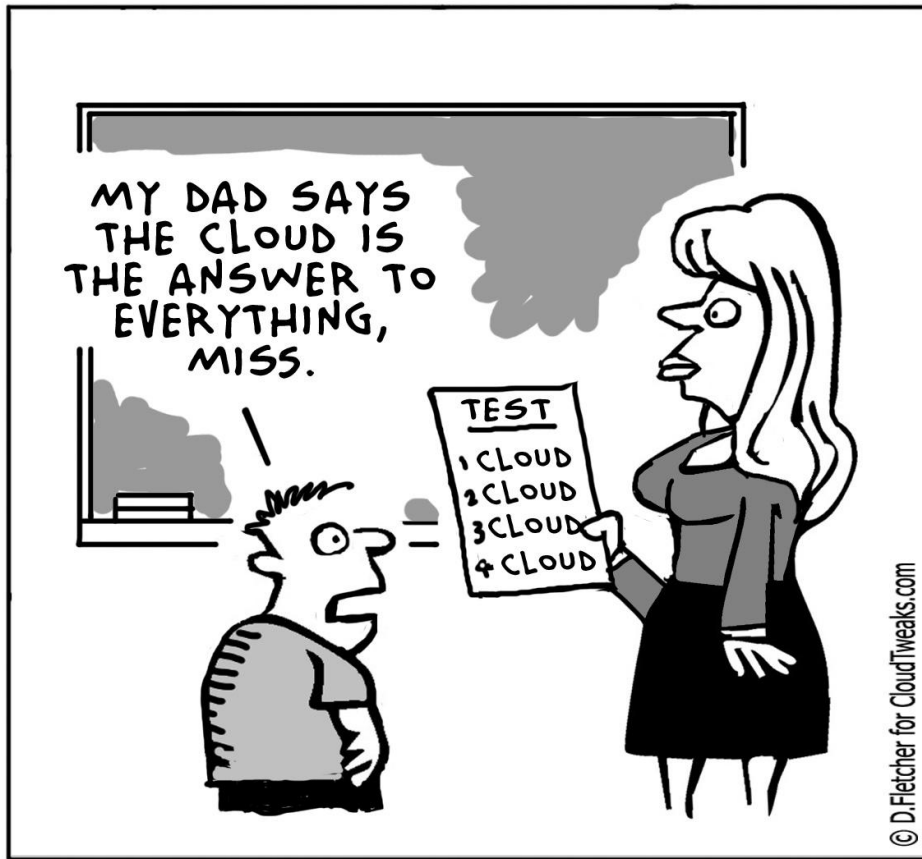


Андрей Соснихин

Руководитель направления облачных вычислений

andrey.sosnihin@hp.com

+7-916-6350712



Source: CloudTweaks.com



HP Cloud powered by HP Cloud OS

On-demand, pay-as-you-go



Marketplace



PaaS



HP Cloud DNS

Authoritative Domain Services for VM hostname management



HP Cloud Relational Database for MySQL

On-demand, scalable access to application data.



HP Cloud Application Platform as a Service

Multiple language dev., deployment, and management of applications



HP Cloud Load Balancer

Network load balancing across VMs with selectable routing algorithms



HP Cloud Messaging

Guaranteed message delivery boosting availability, scalability, and performance



HP Cloud Monitoring

Real-time VM health and performance metrics

IaaS



HP Cloud Compute

On demand compute instances to handle unique workloads.



HP Cloud Object Storage

On-demand scalable storage capacity for archiving and data backup.



HP Cloud Block Storage

High-performance, highly available local VM storage solution.



Подход HP Converged Cloud

Build & operate cloud services



Best-in-class components

- Cloud & Automation software
- Security Intelligence software
- Converged Infrastructure – servers, storage and networking

Integrated solution

- CloudSystem

Consume cloud services



Managed cloud

- Enterprise Cloud Services
- HP SaaS
- Autonomy Marketing Cloud
- Partner offerings

Public cloud

- Infrastructure services
- Platform services
- Application dev platform
- Partner offerings

HP Cloud OS (as common architecture)

www.hp.com/go/cloudos



Professional services & financing

To help you on your cloud journey

Advisory • Strategy • Applications transformation • Design • Implementation • Operation • Education • Financing

Представляем новое поколение HP CloudSystem

Accelerate innovation with the easiest path to cloud



HP CloudSystem Enterprise

- Advanced IaaS, PaaS, SaaS

HP CloudSystem Foundation

- Simple IaaS

Existing CloudSystem environments can easily take advantage of new functionality and Cloud OS pools

New face of cloud

- New service marketplace and designer
- New admin console – seamless w/ HP OneView

Open and Scalable

- Architecture powered by HP Cloud OS – HP's implementation of OpenStack
- New bursting capabilities to Azure and Arsys

Easy on ramp

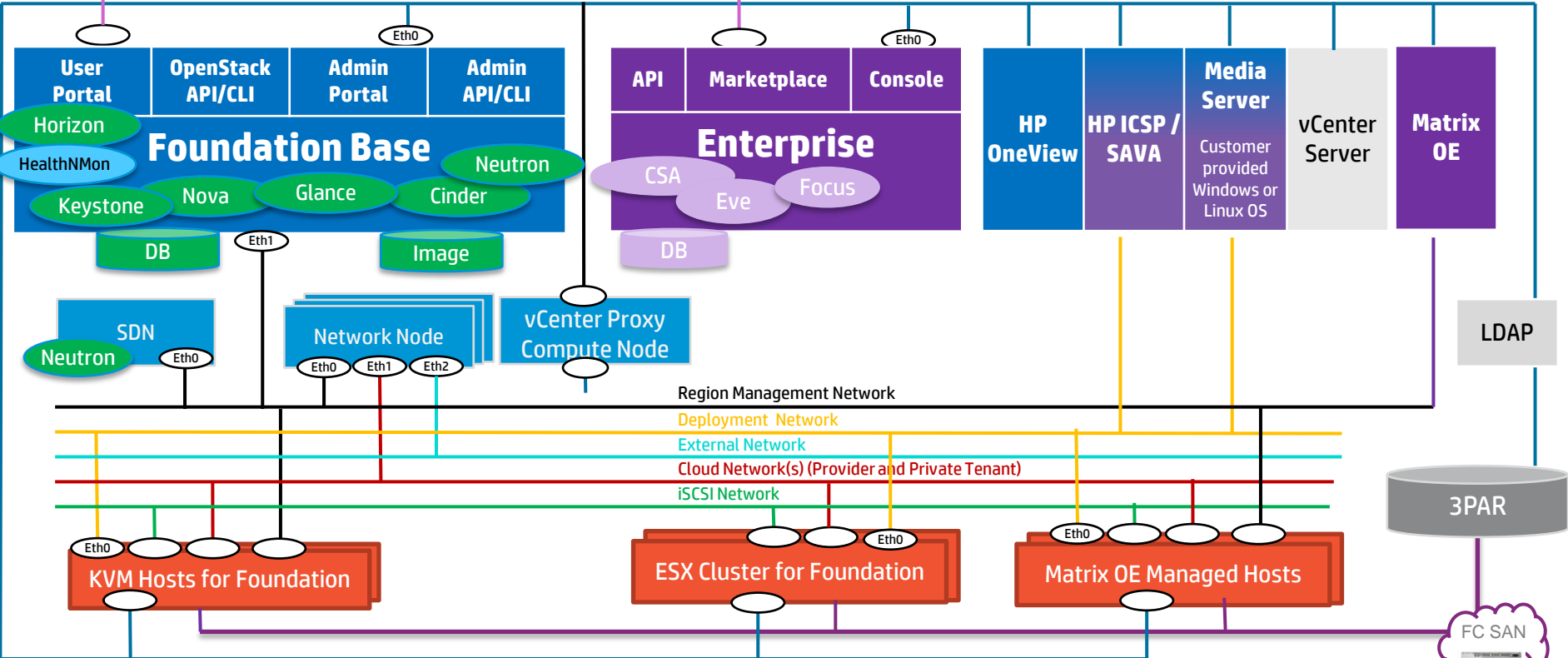
- Easy installation & set up
- Fast Delivery as integrated HP Converged System solutions



Архитектура нового поколения HP CloudSystem

Access Network

Data Center Management Network



Эра ускоренных инноваций

Навсегда меняются принципы взаимодействия потребителей и поставщиков IT услуг

Growing Internet of Things (IoT)



Pervasive Connectivity

Smart Device Expansion

Explosion of Information

2013

416,340 tweets

23,148 apps downloaded

400,710 ad requests

60 sec



2000 lyrics played on Tunewiki

1,500 pings sent on PingMe

208,333 minutes Angry Birds played

By 2020

30 Billion⁽¹⁾ Devices

40 Trillion GB⁽²⁾

DATA

10 Million⁽³⁾ Mobile Apps

... for 8 Billion⁽⁴⁾



A new style of IT required for IoT solutions

(1) IDC Directions 2013: Why the Datacenter of the Future Will Leverage a Converged Infrastructure, March 2013, Matt Eastwood ; (2) & (3) IDC Predictions 2012: Competing for 2020, Document 231720, December 2011, Frank Gens; (4) <http://en.wikipedia.org>



HP Moonshot - сервер, оптимизированный для определенной нагрузки

Workloads

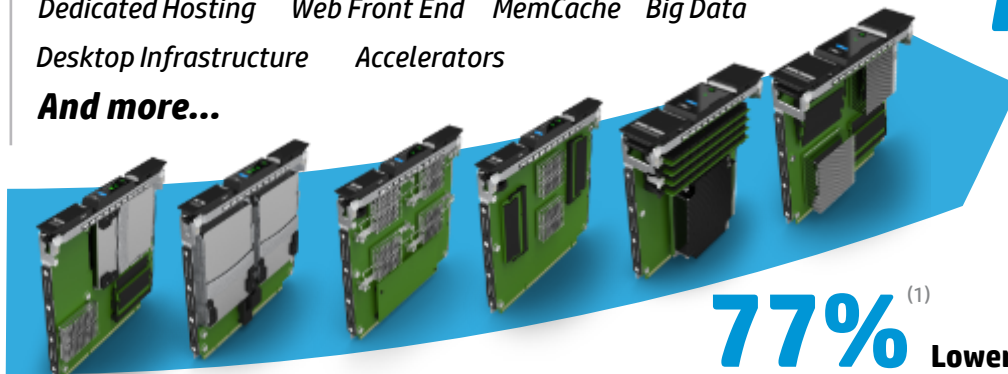
Dedicated Hosting *Web Front End* *MemCache* *Big Data*

Desktop Infrastructure *Accelerators*

And more...

Advanced

Optimized



77%⁽¹⁾ Lower TCO for dedicated hosting

Revolutionary cartridge design enabling business breakthroughs

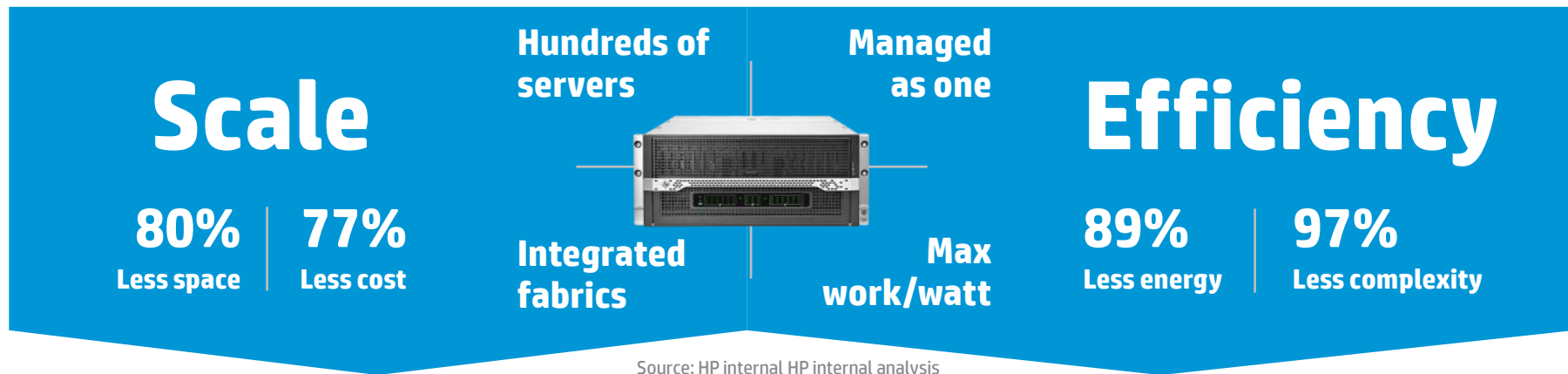
Source: HP internal analysis

8 © Copyright 2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice.



Инновации и беспрецедентная эффективность

Архитектура Moonshot – необходимый фундамент для будущего IT



Source: HP internal HP internal analysis

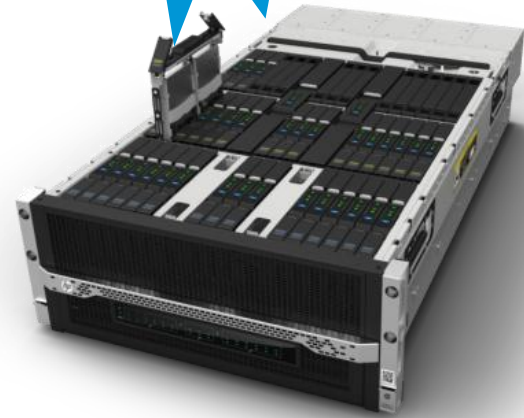
(1)

(2)



HP ConvergedSystem 100 for Hosted Desktops

The industry's highest density system for hosted multimedia desktops



All-in-one compute, storage and networking system delivers 180 desktops for Citrix XenDesktop environments

- Up to **44%** better TCO and **63%** less power*
- Up to **90%** faster deployment*
- Up to **6x** faster graphics frames per second*

No compromises

- **Users** won't miss their PC
- **No complicated sizing** calculations
- **No bottlenecks** for user performance **
- **No virtualization layer or SAN** to manage

*Compared to traditional PC desktops

**Compared to standard VDI environments



СПАСИБО ЗА ВНИМАНИЕ!

