



All about OpenStack

Avoiding cloud lock-in



Why are we here?

We're explaining OpenStack:

what

why

who

how

when

(and how much)?

On our Regcast today

Colin I'Anson HP

Dale Vile Freeform Dynamics

Tim Phillips The Register

Fragmentation and disjoints

Systems

- Rigid dedicated stacks

Teams, processes & tools

- Server, storage, networking, applications, security

Funding and governance

- Departmental budgeting, ownership and accounting



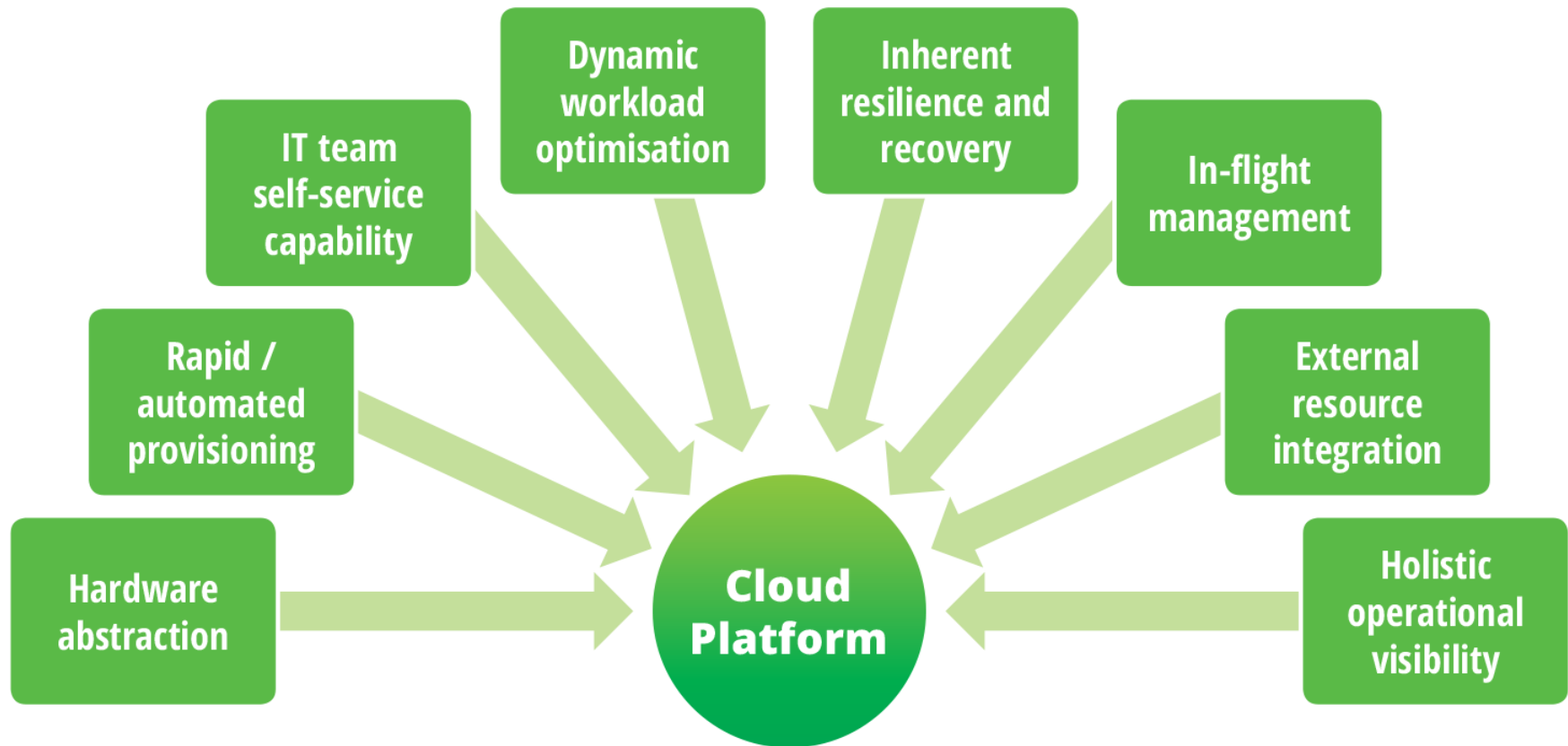
Migrating everything to the public cloud is not seen as the answer

- Selective use: **YES**
- Wholesale move: **NO**
- Hosted cloud services seen as a tactical convenience
- The data centre remains the strategic hub

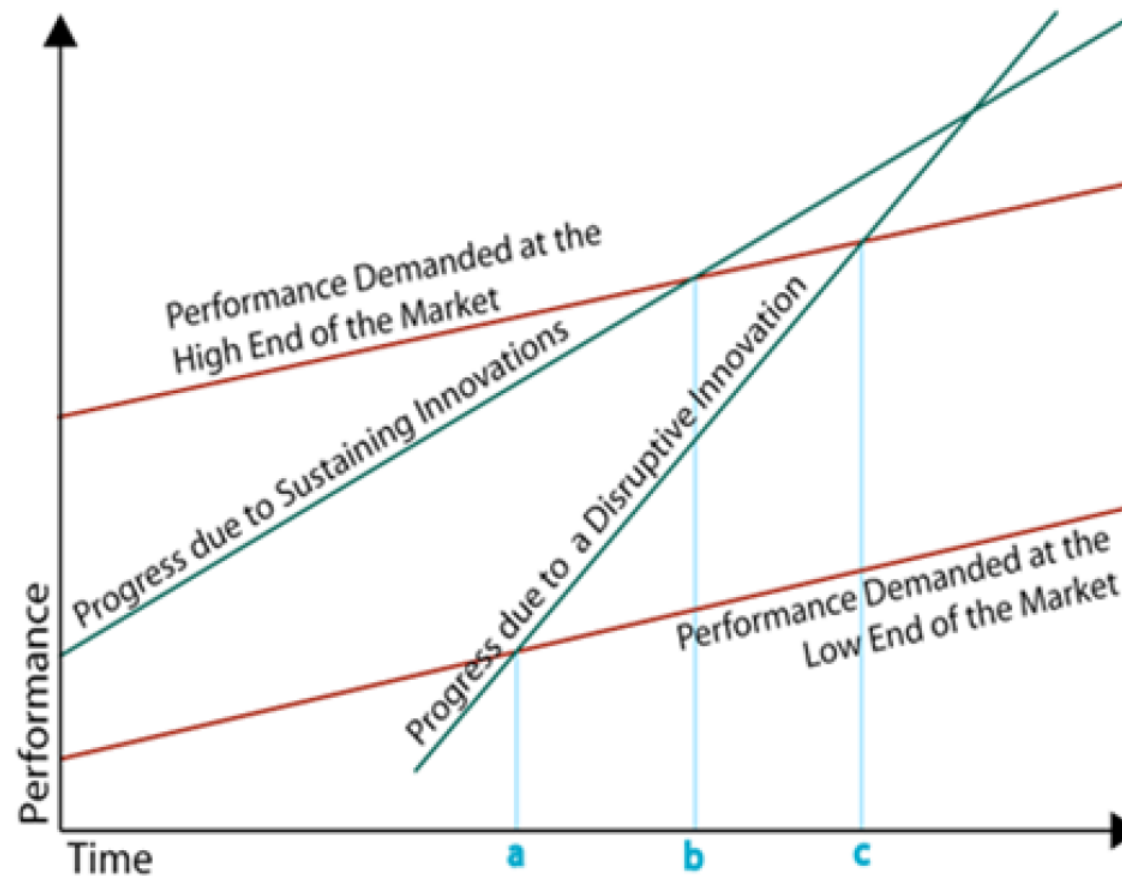


Cloud platform

(a.k.a. 'Software Defined Datacentre', 'Next Generation Datacentre', 'Cloud Operating System')



OpenStack disruptions



40,000ft rationale for OpenStack

**Total proprietary
architecture**

VS

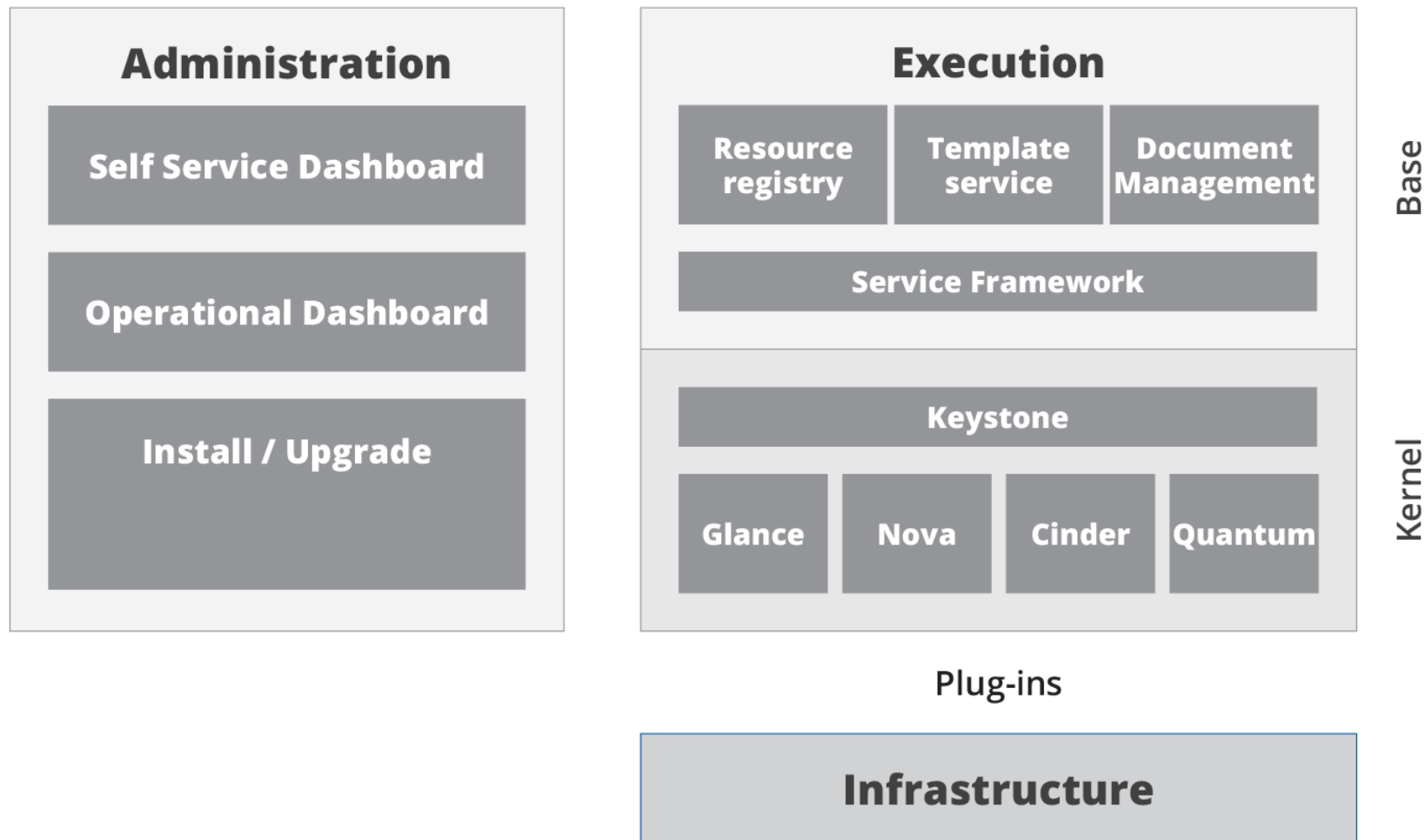
**OpenStack
foundation**

Vendor enrichment

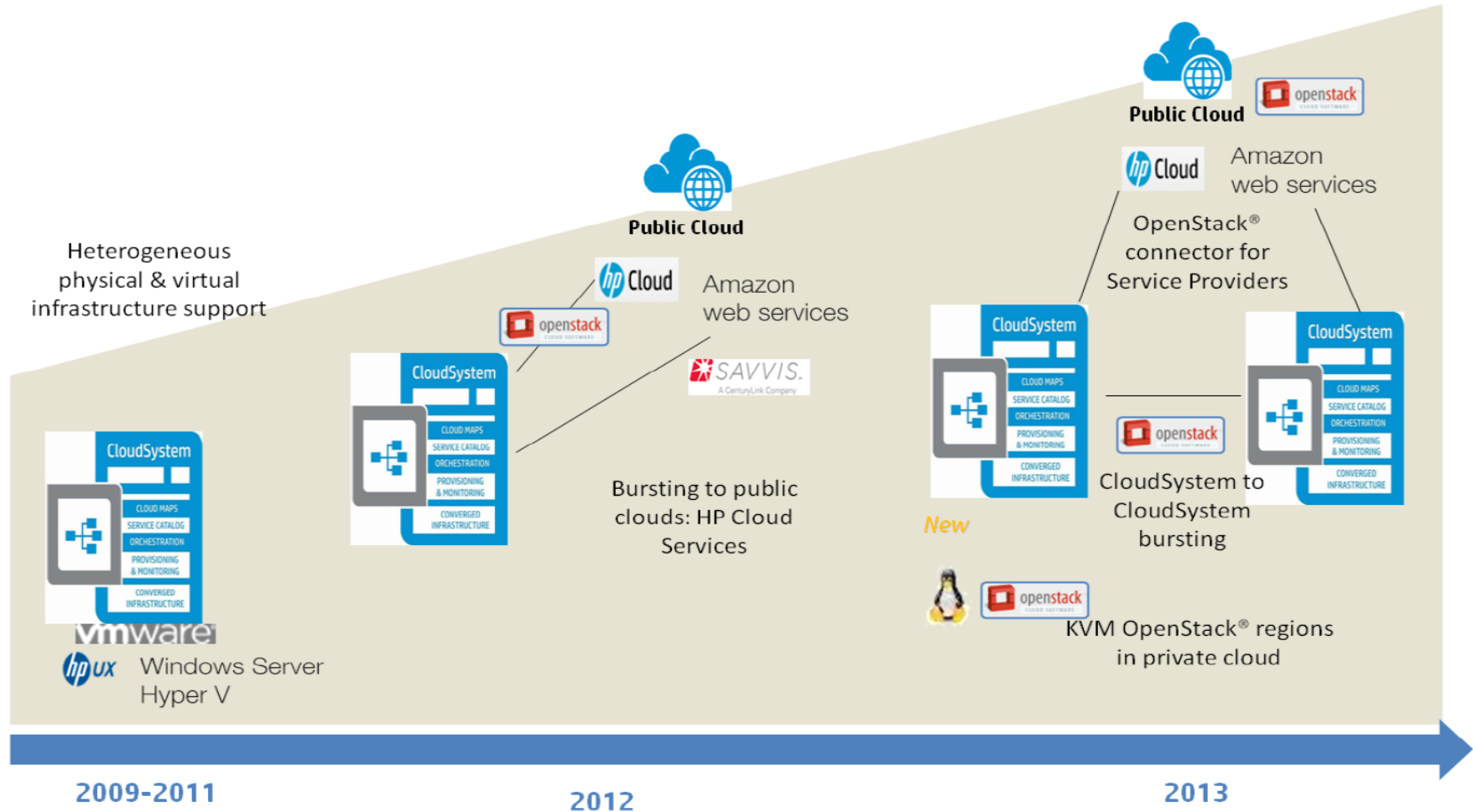
Overkill for many, can be
daunting from a skills and
commitment perspective

Opportunity to start with
industry standard core, and
build-out as required

HP Cloud OS 1.0



HP CloudSystem expanding integration with OpenStack®



Cloud OS

Common architecture for Converged Cloud

Common architecture for Converged Cloud

Embedded in existing products and deployed

Embedded in new innovations to expand portfolio

HP Cloud OS "Sandbox"

Based on OpenStack

Fastest growing open source project

Rapid innovations from a community of thousands

HP is a top contributor in OpenStack

Open and extensible cloud technology platform

Internal OpenStack distribution by HP

HP installer

Automated patch and OpenStack release management capability

Standards based infrastructure and application modeling capability

Enables seamless hybrid delivery

Private Cloud



Managed Cloud



Public Cloud



Moonshot with HP Cloud OS



Simplicity Small footprint, easy and fast to install



Confidence Future-proofed design and streamlined, multi-project administration/self-service dashboard



Speed Image library for management of bare metal boot images

Further reading, videos and tools

HP and the Open Cloud - HPCS and OpenStack Technology

<http://bit.ly/1aHO3UR>

HP Converged Cloud brings OpenStack to the Enterprise

<http://bit.ly/14sP26V>

HP Converged Cloud: HP Cloud OS Whiteboard Demo

<http://bit.ly/1aHOa2U>

HP Cloud Assessment Tool

<http://bit.ly/11Wa4aM>

HP Converged Cloud Solution Brief

<http://bit.ly/14le2fL>

Thanks for joining us



An archived version of today's events will be made available on The Register in the near future.
