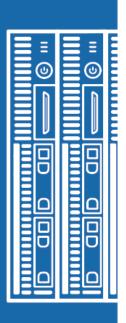
The A Register®



Manage your blades

Simplify and control data centre development







Why are we here?

Blades are not a new idea, but they can solve today's sprawl and management problems – as long as they are deployed correctly







On our Regcast today

Julian Keetch, HP

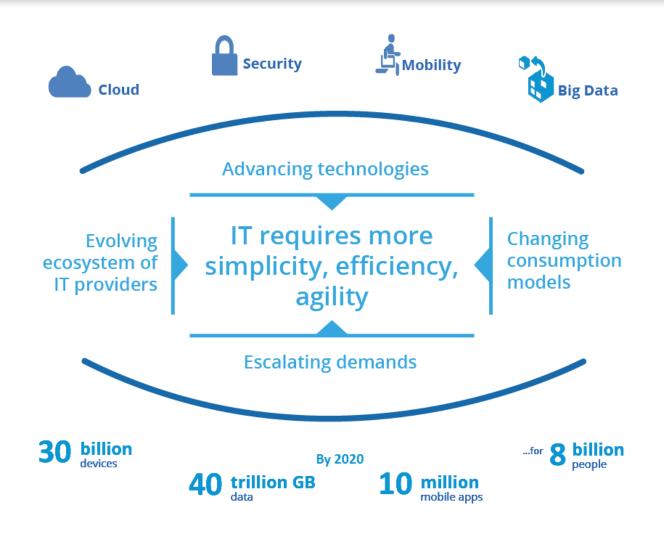
Tony Lock, Freeform Dynamics

Tim Phillips, The Register





Accelerating pace of change requires a new style of IT

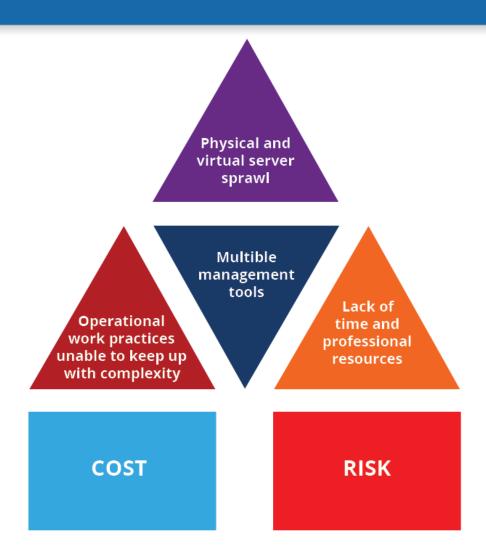








Today's challenges



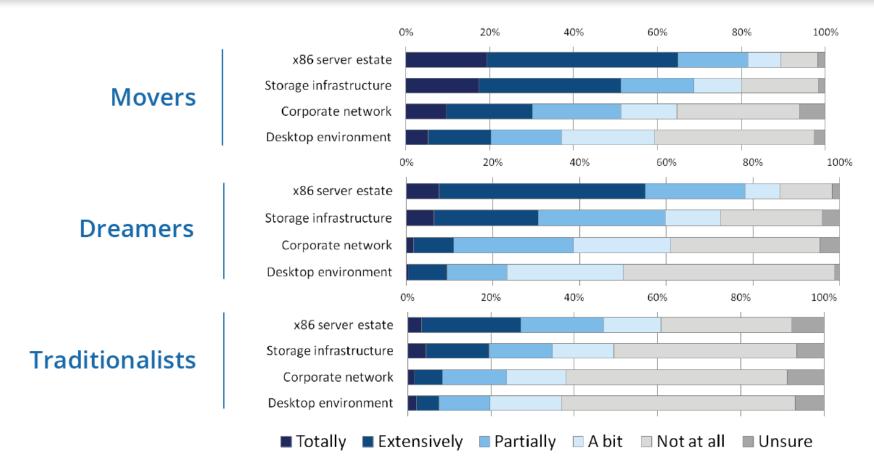








How much have you virtualised the following elements of your IT landscape?



Online survey, 481 respondents A Vision for the Data Centre (Research Report), December 2012







How much do the following apply in your environment?

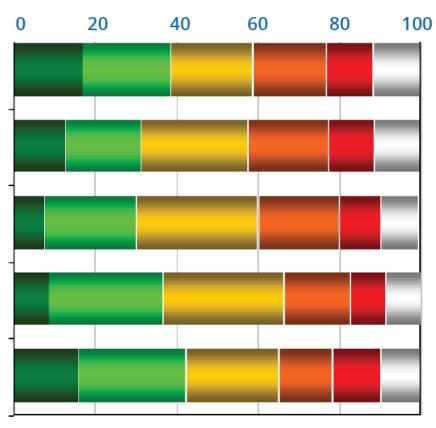
Ops teams are well integrated across different disciplines (servers, storage, networking, security, etc)

Ops/management processes are well integrated across the different domains

The tools we use for managing servers, storage, security, etc. work well together

> The tools we use for infrastructure management are capable and fit for purpose

The concept of business services is central to our IT delivery culture



















Unsure or N/A

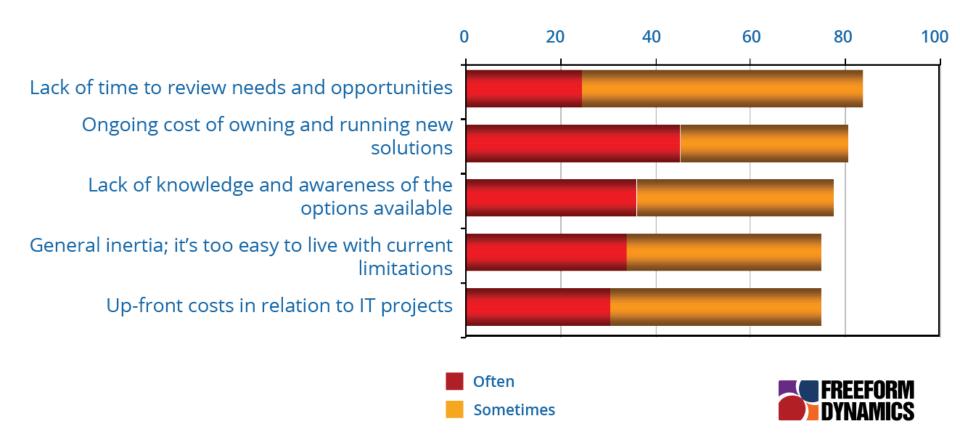








When considering how to meet new and evolving needs in relation to IT systems, how often do the following get in the way of making progress?



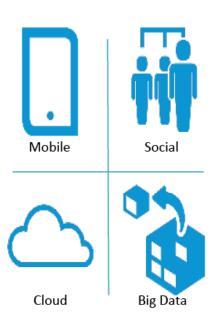


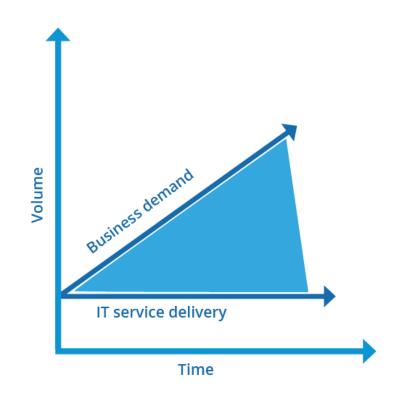




The IT gap Business demand is outpacing IT delivery

Business requirements





Siloed Infrastructure

Siloed Management

Non-standard, manual processes

Incomplete, overly complex automation



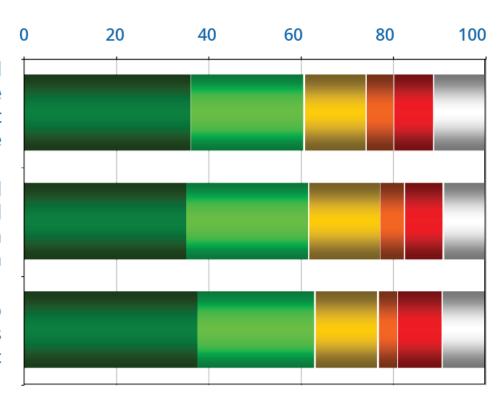


OPERATIONS & MANAGEMENT (Perfect IT Vision)

We'd be able to provision workloads and new systems capacity on our private clouds with a few clicks on a management console

Automation would mean that shared resource usage was continually optimised as demands fluctuate, with no human intervention

We'd be taking a unified approach to operations and management across servers, storage, networking, security, etc

















Unsure or N/A

intel







ORGANISATION & SERVICES (Perfect IT Vision)

Server, storage, networking, security and other specialists would be working together seamlessly as part of a fully integrated ops team

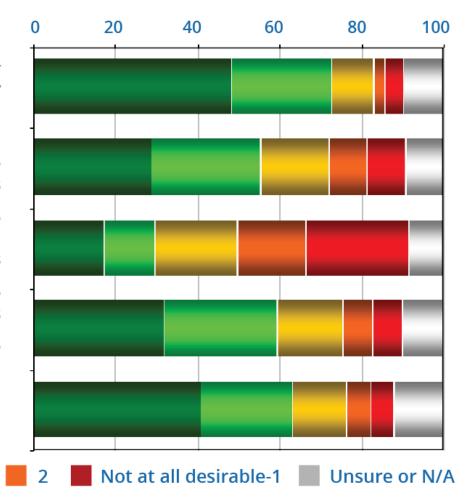
Other IT teams (developers, testers, support staff, departmental IT, etc) would have self-service provisioning capability to obtain IT resources

Non-technical users would have self-service provisioning capability for new applications and services

IT activity and investment would revolve around the concept of business services rather than systems

We would be able to easily and accurately charge or report IT costs back to the business based on activity or consumption

Highly desirable-5









HP BladeSystem- The Power of One

Convergence to lower data center costs

Federation to maximize availability

Automation to increase agility



- Compute, Network, Storage,
 & Virtualization
- Managed by one platform
- Choice of any fabric



- One infrastructure
- Any workload in any chassis
- Safety with contained fault domains



- Automated provisioning
- · Proactive health monitoring
- VM failover

Transform business economics by accelerating service delivery







HP Virtual Connect

The simplest way to connect servers to networks and storage



Wire-once server connectivity

Simplifies provisioning Enables server adds, moves and changes in minutes





Simplified Infrastructure

Eliminates up to **95%** of network sprawl with **65%** less cost Converges and collapses fabrics







Management Dilemmas

- Management tools are often only acquired along with new systems
- Organisations have multiple tools, usually one or more for each hardware platform, servers, storage and networking
- People lack time to get to grips with multiple solutions
- Multiple tools → Risk escalation as IT staff are the integration point







Converged management is key to closing the gap

Industry Problem

Siloed domain expertise

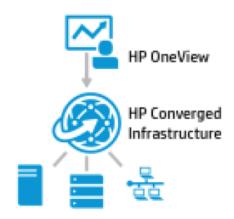


- Special purpose tools
- Multiple manual hand-offs
- Difficult to automate
- Slow, error-prone IT service roll-outs



HP OneView

Converged Management



- One tool instead of many
- Design once, execute many times
- Standards-based automation
- Faster, more reliable IT service roll outs







Moving forwards









The system journey

Racks, Storage, Network

- **** **** **** **** **** **** **** **** **** **** **** **** **** **** 1 *** * * * C C ****
- · Individual parts

HP BladeSystem with HP OneView



· One federated system of blades

ConvergedSystem Virtualization



- · Workload targeted system
- · One sku, pre-integrated





- Converge Cloud
- · Workload deployment through Cloud Maps

- Individually ordered





Further reading

HP BladeSystem http://reg.cx/2bxd

IDC whitepaper, Business value of Blades http://reg.cx/2bxe

HP Virtual Connect http://reg.cx/2bxf

HP OneView http://reg.cx/2bxg







Thanks for joining us



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



