Scaling new heights: Reaching new peaks of performance with Cloud principles

5. PRIVATE CLOUD

- Seamless virtual environment
- Automated provisioning with reconciliation
- Fully orchestrated service management
- Business requirements focused IT ops

4. DYNAMIC INFRASTRUCTURE

- Highly virtualised workloads
- Automated workload provisioning
- Exception based service management
- Service transaction and project focused ops

3. UNIFIED INFRASTRUCTURE

- Widespread virtualisation of workloads
- Holistic workload management
- Joined up change management and SLAs
- Integrated teams and tools

2. RESOURCE POOLING

- Shared infrastructure
- Manual workload management
- Service monitoring and KPIs
- Separate teams and tools

1. STATIC VIRTUALISATION

- Targeted consolidation
- Server efficiencies and provisioning
- Fragmented management
- Contained impact on infrastructure operations

BASE CAMP: PHYSICAL IT

- Individual systems
- Long lead times on physical kit
- Manual management and change control
- Overstretched IT operations staff

Do you generally agree or disagree with the following statements?

Progress of x86 server consolidation	Those with little/no virtualisation	Those that are well into it	Those that have gone as far as makes sense
Traditional virtualisation skills provide a firm foundation for moving onto private cloud			

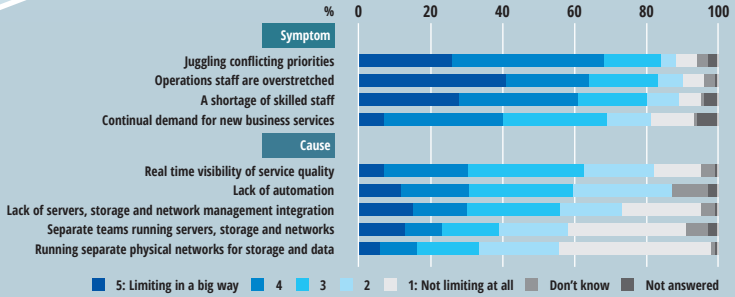
Strongly Agree | Agree | Disagree | Strongly Disagree

How much has your x86 server virtualisation activity had a positive or negative impact in the following areas?

Progress of x86 server consolidation	Those with little/no virtualisation	Those that are well into it	Those that have gone as far as makes sense
Hardware costs – servers & storage			
Ability to respond to change requests			
Resilience / availability / operational risk			
IT operational overhead			
Business stakeholder satisfaction			
Networking costs			
Software costs – including tooling, platforms & apps			
Software licence management			

Little or no net impact | Some positive impact | Big positive impact

What is limiting your ability to better manage your virtual IT infrastructure?



Have you faced any of the following challenges with your server virtualisation activities?

Progress of x86 server consolidation	Those with little/no virtualisation	Those that are well into it	Those that have gone as far as makes sense
High cost of licences for virtualisation solutions			
Some business stakeholders reluctant to give up their kit			
Management of virtual servers more difficult than anticipated			
Virtual machine sprawl has become difficult to contain			
Project costs higher than originally budgeted			
High cost of ISV licences for applications running virtualised			
Consolidation ratios not as high as envisaged			
Projected cost, space or power savings not achieved			

Minor Problem | Intermediate Problem | Major Problem