Six Considerations When Moving Storage-Intensive Workloads to the Cloud

What's Causing the Accelerated Switch to the Cloud

Global Pandemic

Forced Resource Shortages

Booming Economy & Supply Chain Shocks

Economic Instability & Cyberattacks

Virtually every organization on the planet is considering whether to move some – or all – of their operations to the cloud, in the hope of driving down costs and accelerating innovation. Ensure cloud success by tackling these six challenges before migrating your high-speed database and analytics workloads to the cloud.

A STORAGE ARCHITECT'S CHECKLIST TO THE CLOUD

1. Cloud Performance Limits

   - Ensured native cloud storage performance
   - Cloud-based storage performance

2. Be Persistent

   - Cloud-native storage doesn't offer the same level of persistence and data protection. Instead, choose storage that offers performance equivalent to local flash, but with persistence and data protection across availability zones.

3. High-Performance Comes at a Cost

   - High-performance IOPS with consistent low latency
   - Building IT budgets for unpredictable, high-demand workloads

4. Essential Data Services Become Paid Extras

   - Avoid budget busting, ad hoc essential data services with software that has data services included in the license.

5. A Question of Provisioning

   - Storage is often over-provisioned to account for uncertain demand. If you under-provision, you risk delivering a poor end-user experience. A software-defined option that scales with your business and offers thin provisioning included in the license can be a better budget-friendly option.

6. Additional Contributors to an Accelerated Datacenter Digitalization

   - Data growth is outpacing resource availability
   - Shrinking IT budgets eliminate over-provisioning for unpredictable business demands
   - On-premises architecture wasn't built to support today's cloud-native applications

Enabling a better experience for migrating storage-intensive workloads to the cloud

- High-performance IOPS with consistent low latency
- Avoid budget-busting, ad hoc essential data services with software that includes data services in the license
- Storage is often over-provisioned to account for uncertain demand. If you under-provision, you risk delivering a poor end-user experience. A software-defined option that scales with your business and offers thin provisioning included in the license can be a better budget-friendly option.

Make the switch and migrate your storage-intensive workloads to the cloud with Lightbits.

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