

HEXAWARE

Creating Smarter Storage Solutions with Azure Migration for SAP HANA

Total IOPS across all VMs reduced to less than 40 disks, with dramatic improvements in disk read/write operations and faster provisioning of servers for development and testing.

Case study



Client

- | Client
- Challenge
- Solution
- Benefits
- Summary

The client is a large business unit within a publicly traded multinational conglomerate operating in the Asia-Pacific region, with a market value near \$9 billion



Challenge

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Azure Migration And Storage Optimization

As a construction leader, the client manages complex projects requiring reliable and scalable IT systems. However, they faced significant challenges, including:

- Reduced system availability and frequent unplanned downtimes
- Lack of highly available infrastructure
- Long provisioning times for systems
- Very low Input/Output Operations Per Second (IOPS) impacting performance
- Extended system refresh cycles

These issues hindered their ability to fully leverage SAP applications critical for their operations.



Solution

Client

Challenge

| **Solution**

Benefits

Summary

Optimized Peak Performance

Hexaware, a Microsoft Gold Certified Partner, collaborated closely with the client and Microsoft Azure teams to design and implement a customized Azure Infrastructure as a Service (IaaS) solution optimized for SAP HANA workloads.

Key elements of the solution included:

- Migration of SAP HANA workloads to the Azure cloud to leverage enterprise-class performance and global reach
- Customized Azure IaaS setup with a refresh strategy for Azure environments
- Implementation of a clear authentication mechanism to enhance security
- Optimization to eliminate IOPS bottlenecks and improve virtual machine (VM) performance



Benefits

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Benefits

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Improved Application Performance, Agility, And Operational Efficiency

The Azure migration and storage optimization delivered significant business and technical benefits:

- Dramatic reduction in processing times for SAP applications
- Faster provisioning of development and test environments, accelerating deployment cycles
- Significant improvement in disk read/write operations on SQL VMs, with total IOPS across all VMs reduced to less than 40 disks
- Enhanced system availability and reduced unplanned downtimes
- Increased agility and better overall application performance



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Hexaware enabled a leading construction industry business unit to overcome critical IT challenges by executing a SAP HANA on Azure migration strategy. Addressing issues like low system availability, frequent downtime, and poor storage performance, Hexaware implemented a customized Azure IaaS solution focused on storage optimization and eliminating IOPS bottlenecks. The migration delivered faster SAP HANA processing, reduced provisioning times, and dramatically improved disk read/write speeds, with total IOPS across all VMs dropping to fewer than 40 disks. This transformation enhanced system availability, agility, and deployment speed—empowering the client’s growth and digital transformation through effective cloud migration.



To learn how we can help optimize your cloud infrastructure and drive business growth, reach out to us marketing@hexaware.com

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world.

We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate. With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at www.hexaware.com.

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