

Modernizing IT Infrastructure with Hybrid Multicloud: A C-Suite Guide

Executive Summary

Hybrid multicloud adoption is a strategic C-suite imperative for organizations that are navigating the complex landscape of applications, including traditional VMs, databases, containers, and AI/ML workloads.

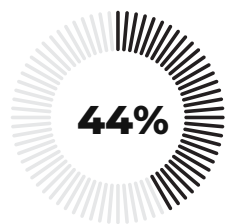
A hybrid multicloud platform enables seamless management of data, applications and workloads across on-premises, public and private clouds, and edge locations. This promotes data security and compliance while leveraging the scalability, agility and cost-efficiency of the public cloud for greater flexibility and optimized performance.

Key Insights



Market Trends

According to the Gartner Magic Quadrant for Distributed Hybrid Infrastructure (2024)¹, **50% of enterprises are exploring alternatives** to replace their VMware-based on-premises deployments. The recent Nutanix Enterprise Cloud Index report² reveals that GenAI and application containerization are driving infrastructure modernization.



Strategic Alignment

The best hybrid multicloud strategy aligns the integrated control, flexibility and efficiency of IT with core business objectives. Notably, **44% of cloud buyers³ prefer a single software platform** that runs consistently across multiple hardware infrastructures.

Challenges

Complexity

Managing multiple dissimilar cloud environments can increase complexity due to tooling incompatibilities, interoperability challenges, data-sharing difficulties, and differences in APIs.

Operational Efficiency

C-Suite executives and their businesses face further challenges managing throngs of disparate platforms – both legacy and modern – which can result in a detrimental impact on workload access.

The Value Proposition

Accelerate Cloud Adoption

Nutanix simplifies infrastructure modernization by providing tools and expertise that facilitates application and data migration. Nutanix solutions deliver efficiency across on-premises, cloud and edge while streamlining management via a unified operating model.

Increase Cloud Efficiency

Nutanix maximizes hybrid multicloud efficiency and performance with intelligent workload placement and optimized sizing. Advanced disaster recovery and backup capabilities help to protect against data loss.

Simplify Operations

Leverage existing IT skillsets and maintain a consistent operating model across hybrid multicloud environments. From one unified management console, Nutanix provides visibility and control over operations, security and costs.

Nutanix Delivers Better Business Outcomes

Leveraging the Nutanix Cloud Platform software-defined hybrid multicloud solution empowers businesses to accelerate and simplify cloud adoption. This enables seamless migration of applications and data to the cloud without vendor lock-in.

Nutanix enables IT to manage workloads across on-premises, cloud and edge while prompting faster innovation and the potential for cost savings through optimized resource utilization. Our flexible, scalable hybrid multicloud infrastructure evolves with your business needs well into the future.

“After the switch to Nutanix, we experienced 100% uptime and a high degree of cost efficiency. We were also able to service the platform in normal business hours, since then we have not had any complaints from our customers on the core deliverables of our platform.”

Jeppe Klestrup
CEO Stratu

¹ Nutanix Named a Leader in 2024 Gartner® Magic Quadrant™ for Distributed Hybrid Infrastructure

² Seventh annual Nutanix Enterprise Cloud Index report, 2025

³ IDC InfoBrief Thriving in a Multicloud World (sponsored by Nutanix, Inc.)

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