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Solution Brief

Hybrid Cloud for Supply Chain Resilience

How to Mitigate Hardware Price Risk with Nutanix Cloud Clusters (NC2)

Across the industry, CEOs and CIOs are raising red flags about the escalating volatility in the hardware supply chain. Memory prices are rising, CPU lead times are continuing to increase, and component shortages are pushing hardware fulfillment windows from weeks to over 12 months. Meanwhile, analysts expect on-premises hardware prices to rise by up to **40%** in 2026, placing significant and unexpected pressure on IT budgets and delaying modernization plans.

At the same time, IT leaders have more choice than ever in how they run enterprise workloads. The growing ecosystem of OEM servers, expanded bare-metal offerings from hyperscalers, and evolving cloud economics make hybrid architectures a strategic hedge—especially since cloud bare-metal pricing is not projected to experience the same upward spike, given how hyperscalers forecast and lock in demand.

For organizations navigating the next several quarters, this moment requires a deliberate strategy to reduce exposure to hardware cost shocks, avoid supply-chain-related project delays, and preserve both operational continuity and modernization momentum.

This guide outlines how Nutanix Cloud Clusters (NC2) can help decision-makers mitigate hardware risk, accelerate transformation, and enable continuous innovation while maintaining infrastructure flexibility across on-premises and public cloud environments.

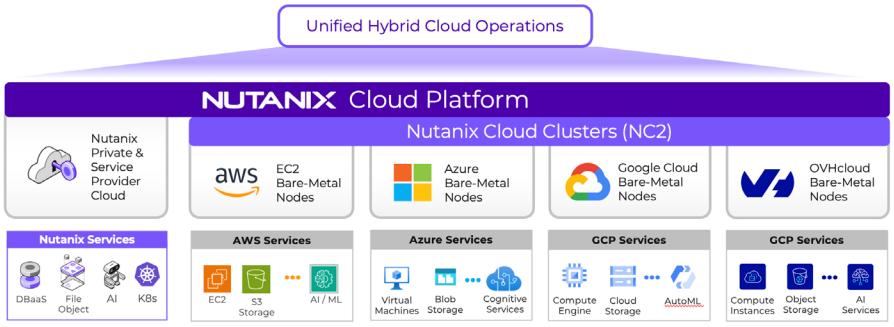

Figure 1. Nutanix Cloud Platform with NC2

Key Benefits

- **One Platform:** A unified, secure, AI-enabled hybrid multicloud platform delivering consistent operations across on-premises, edge locations, and in public cloud.
- **Mitigate Risk:** Reduce exposure to rising hardware costs and delays by shifting targeted workloads to stable cloud bare-metal infrastructure.
- **Speed to Value:** Accelerate migrations without refactoring while leveraging Nutanix services and integrating with native cloud services for rapid modernization.
- **Simplify Operations:** Standardize operations with familiar Nutanix workflows for consistent management, governance, and security across all environments.
- **Increase Efficiency:** Optimize performance and costs with intelligent workload placement that minimizes waste, reduces latency, and maximizes resource utilization.
- **Manage TCO:** Use hyperscaler and Nutanix savings plans to help offset migration costs and achieve efficient and cost effective cloud expansion.
- **Future Ready:** Maintain long-term flexibility, hybrid control, and consistency as NC2 becomes the backbone for continuous modernization and innovation.

How NC2 Helps Address Today's Hardware and Supply-Chain Challenges

To maintain modernization momentum despite these pressures, organizations need an infrastructure approach that is flexible, cloud-ready, and insulated from hardware volatility. Nutanix Cloud Clusters (NC2) provides a powerful pathway that helps IT teams accelerate momentum, protect budgets, and avoid supply-chain bottlenecks.

NC2 enables organizations to seamlessly migrate workloads to public cloud bare-metal infrastructure quickly, without rearchitecting applications, minimizing risk. This can eliminate dependency on volatile hardware supply chains and allow teams to modernize on their own schedule. Because cloud bare-metal pricing is expected to remain stable, NC2 offers a practical way to bypass the hardware cost spikes projected over the next several quarters while proactively planning for future innovation.

By delivering a unified hybrid multicloud platform, NC2 brings operational consistency across on-premises data centers, edge locations, and public cloud regions. Teams gain one platform for compute, storage, networking, and management—reducing silos and simplifying operations. Intelligent workload placement ensures apps and data run in the most optimal, cost-efficient location, improving both performance and resource utilization.

NC2 also accelerates time-to-value. Migrations can be completed rapidly without refactoring, enabling organizations to advance digital transformation initiatives even when hardware procurement stalls. In addition, it provides flexible modernization options with Nutanix AI, Kubernetes, and database offerings, as well as integration with public cloud services, providing a clear, flexible path to transformation using the cloud services customers already rely on.

Finally, customers may be able to take advantage of Nutanix and hyperscaler savings plans that offset migration and deployment costs, which could the move to NC2 cost-neutral—or better. With long-term flexibility, hybrid control, and consistent management across any environment, NC2 becomes the strategic foundation for resilient, future-ready cloud operations.

> "After migrating a portion of our database workloads onto Nutanix, we saw immediate cost savings of 30% from our recurring cloud spending. This gives us the flexibility to reinvest back into the business."
>
> Simran Singh
> VP, Cloud Engineering, HighRadius

See what Nutanix Cloud Clusters can do for you.

Learn more at www.nutanix.com/nc2, request a FREE TCO & Cloud Assessment, or experience NC2 firsthand with a FREE Test Drive.

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