

CDW IN PARTNERSHIP: NUTANIX

An introduction to hyper-converged infrastructure

About Nutanix

Nutanix delivers an enterprise cloud platform that natively converges compute, virtualisation and storage into a resilient, software-defined solution with rich machine intelligence. The world's most advanced enterprise data centers rely on Nutanix technology to power their mission-critical workloads at any scale.

Nutanix is the leader in hyper-converged infrastructure. Built with advanced web-scale engineering and consumer-grade design, Nutanix solutions eliminate the cost and complexity of traditional SAN and NAS storage infrastructure, while delivering enterprise-class features and unprecedented levels of availability, performance and cost savings to customers.

What is hyperconverged infrastructure?

Hyperconverged infrastructure natively integrates compute and storage into a single x86-based server deployed in scale-out clusters. It reduces power and space, and dramatically eliminates storage complexity.

How will your business benefit?

- **Lower Costs:** 40-60% reduction in overall Capex and Opex
- **Limitless Scalability:** Scale non disruptively as workloads grow and evolve, with predictable results.
- **Faster Time-to-Value:** On average an 8x faster time to value in buying, deploying, and managing
- **Smaller Footprint:** Up to 90% reduction in power, cooling, and space with a 2U form factor
- **Time for IT Innovation:** Free your IT resources to focus on important business initiatives and true innovation

Webscale at any scale

Nutanix brings the benefits of web-scale infrastructure within reach at any scale and for all workloads.

- **Hyper-converged** - Seamlessly integrates server and storage resources to simplify data centres.
- **Intelligence in Software** - 100% software-defined with no reliance on special purpose hardware for resilience, performance, etc allowing for new capabilities without hardware upgrades.
- **Distributed Everything** - All data, meta data and operations distributed across the entire cluster, eliminating resource contention and enabling predictable scalability without limits.
- **Self Healing** - Designed to tolerate component failures through fault isolation and automatic recovery without bringing down the overall system.
- **Automation & Rich Analytics** - Extensive automation and rich system-wide monitoring for data-driven efficiency, and REST-based programmatic interfaces for integrated data centre management.

If you think you may have an opportunity or want to talk further with an expert, contact the CDW Nutanix Team

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