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.

Background
Nutanix was founded in 2009 and is headquartered in San Jose, California. Since shipping its first Virtual Computing Platform in 2011, revenue growth has surpassed nearly every other data centre infrastructure company in IT history. Nutanix is positioned as a market leader in a total addressable market opportunity of over sixty billion dollars.

Nutanix has sales and marketing presence throughout North America, Europe, Asia Pacific and Japan, and Latin America. Nutanix has support centers in the United States (East & West Coast), Australia, Japan, the Netherlands, and the United Kingdom to provide around the clock support.

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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