NUTANIX | CXO Focus

Modernize On-Premises Infrastructure for Business Resilience and Agility

Introduction

As digital disruption reshapes multiple industries, today's CIOs must grapple with a plethora of challenges. IT is evolving dramatically, influenced by a surge in application proliferation, a massive surge in data, increasingly stringent security mandates, and a skills shortage. This has prompted the hiring of IT generalists instead of relentlessly searching for hard-to-find specialists.

At the heart of this transformation, four key factors underscore the urgency for modernizing on-premises infrastructure:

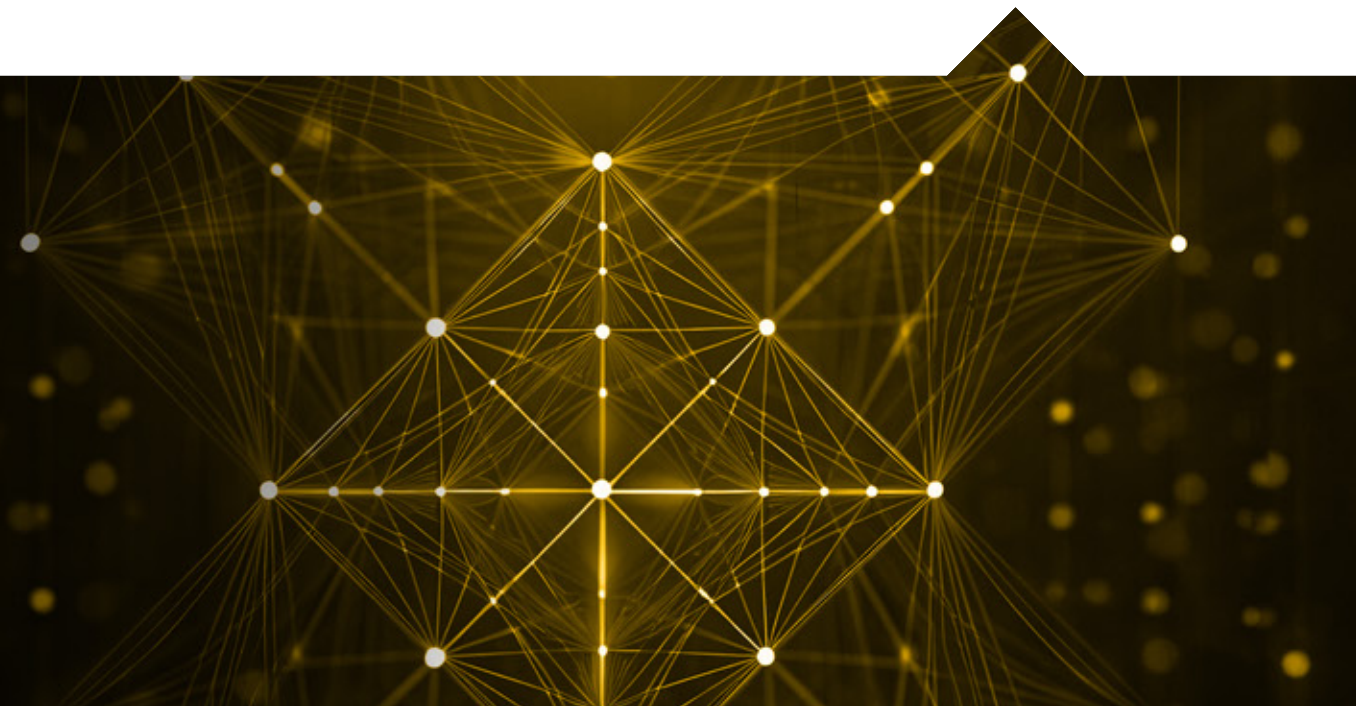| **#1**	**#2**	**#3**	**#4**
Business resilience and agility	Security	Sustainability	Driving innovation and leveraging AI

To successfully navigate this complex landscape and maintain competitiveness, organizations need a strategy that addresses these challenges and anticipates future needs.

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Infrastructure Modernization:
An Investment in Growth and Flexibility

The break-neck pace of IT demands that leaders adapt and evolve to stay competitive. As data volumes skyrocket and operations become more complex, legacy SANslack the flexibility, efficiency and scalability needed to keep up with rising demands.

Modernizing on-premises infrastructure isn't just about survival. It's about driving innovation to gain a competitive edge and unlocking opportunities for growth. It necessitates a shift towards a more cohesive, agile and efficient IT model that bridges the gap between existing resources and the evolving digital landscape. AI should also be accessible and adaptable so that IT can buy, build and modify machine learning models and data sets from any source and run them anywhere.

This is where Nutanix steps in, paving the way for an sustainable, agile and secure infrastructure that embodies all the benefits of modernization. By integrating compute, storage and networking into one unified, software-defined platform, Nutanix removes operational silos while simplifying and automating system operations.

With predictable performance, automated security and exceptional agility, Nutanix meets the dynamic needs of business and government organizations and reduces operating costs and management complexity. Nutanix empowers IT organizations to modernize their on-premises infrastructure so they can keep up with the changing times and stay several steps ahead.

The Benefits of Choosing Nutanix for Infrastructure Modernization

- **Power of Simplicity:**
  Nutanix eliminates complexity, enabling you to focus on driving your business forward without retooling, retraining or refactoring apps for any cloud.

- **Freedom of Choice:**
  With Nutanix, you have the freedom to choose your clouds, your apps, your technology stack, and keep the tools you love.

- **One Unified Platform:**
  Nutanix provides a single, consistent platform that enables you to run apps and data anywhere to maximize performance, reduce costs and minimize risk.

- **Customer Delight:**
  Nutanix offers worldwide support and services and scores consistently high in customer satisfaction, with a seven-year average Net Promoter Score (NPS) of 90+.

Unleash Performance by Harnessing Next-Generation Technology

Built on hyperconverged infrastructure, Nutanix provides a comprehensive solution tailored for business-critical apps and databases across datacenters, public clouds and at the edge. Combining strong security and exceptional agility, Nutanix delivers consistent performance and high availability to meet constantly changing business requirements and support workloads without complex silos of custom-tuned infrastructure for each one.

By consolidating compute, storage and networking into software-defined pools, Nutanix efficiently delivers block, file and object storage from a single unified platform. Automated system operations, proactive alert responses and non-disruptive upgrades simplify IT staff maintenance cycles.

The inherent data protection capabilities in Nutanix reduce unplanned downtime by up to 97%.

It's a resilient, flexible platform that supports legacy and modern business apps wherever they're deployed – on-premises, in the cloud and at the edge. This efficient solution is trusted by tens of thousands of organizations worldwide, Nutanix dramatically simplifies infrastructure modernization while enabling scale and agility as needs evolve.

Nutanix Stands Out with Several Key Differentiators

- **Cost-Efficiency:**
  Converge your apps and workloads into one unified platform and dramatically improve your bottom line.

- **App Performance:**
  Elevate the efficiency and performance of your apps by as much as **30%**, facilitating consistent and high-quality service to your customers and stakeholders.

- **Streamline Operations:**
  Simplify management processes to cut maintenance cycles and boost daily management efficiency by up to **43%**, while freeing up resources for more strategic tasks.

- **Strategic Storage Management:**
  Optimize app storage management, enjoy cost savings and increase IT storage management efficiency by up to **41%** to greatly improve operational agility.

- **Reliable and Secure:**
  A trusted software-defined platform that proactively detects and mitigates cyberthreats and data loss, ensuring business continuity and safeguarding your reputation.

Modernize On-Premises with Nutanix Cloud Platform

Nutanix Cloud Platform (NCP) unifies compute, storage and networking and provides agility, security, resiliency, and sustainability in a scalable foundation that modernizes on-premises infrastructure and extends to public clouds and the edge.

With the Nutanix Cloud Platform, you have access to enhanced features such as:

Nutanix Unified Storage:
Delivering enterprise storage services to help manage file, object and block data on one platform to reduce IT complexity and enhance operational efficiency.
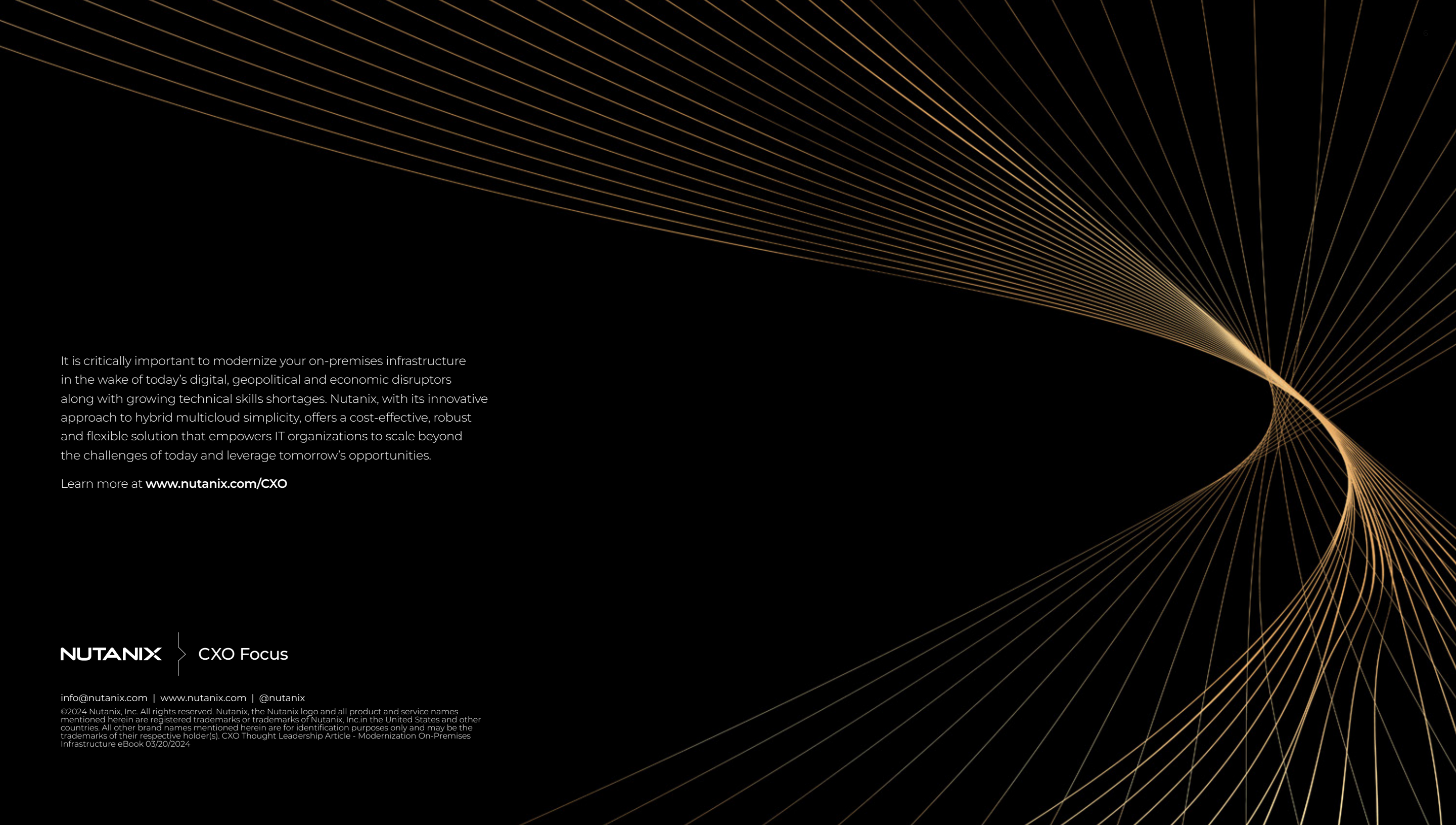
Nutanix Database Service:
Unlocking capabilities that make database provisioning and management simple and fast to support agile app development, while efficiently and securely protecting and patching your entire database estate. NCP helps you to meet database performance, availability and cost requirements.

Nutanix Cloud Manager:
A unified control plane that makes it easy to manage private and public cloud costs, intelligent operations, self-service, orchestration, security compliance, and visibility. It extends your infrastructure to the cloud as needed for disaster recovery, workload bursting or to maintain another copy of data.

It is critically important to modernize your on-premises infrastructure in the wake of today's digital, geopolitical and economic disruptors along with a growing technical skills shortages. Nutanix, with its innovative approach to hybrid multicloud simplicity, offers a cost-effective, robust and flexible solution that empowers IT organizations to scale beyond the challenges of today and leverage tomorrow's opportunities.

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Learn more at **www.nutanix.com/CXO**

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