

# Nutanix Enterprise Cloud Platform

Nutanix delivers solutions to elevate IT to focus on the applications and services that power business. At the heart is the Nutanix Enterprise Cloud Platform that natively converges several aspects of the datacenter infrastructure through a software-defined solution with rich machine intelligence.

Public cloud services are driving IT teams to re-think datacenter design to reduce cost and complexity, and deliver IT services with cloud-like agility and scale. Businesses love the fractional consumption and pay-as-you-grow economics of the public cloud, delivering on-demand infrastructure with zero operational overhead. However, many enterprises are struggling to achieve:

- Balance between owning and renting infrastructure as workload needs change
- Keeping sensitive data and services locally
- Tailor SLAs for specific applications
- Provide flexibility and choice

## WHAT IS ENTERPRISE CLOUD

Nutanix provides the benefits of both public and private clouds. The Nutanix Enterprise Cloud Platform delivers the frictionless agility, simplicity and fractional consumption of public cloud services while providing platform choice, performance, security, and control within their datacenter.

With Nutanix Enterprise Cloud Platform, customers get

- Full-stack IT infrastructure and platform services
- Pay-as-you-grow economics
- One-click operations
- Application mobility

## FULL-STACK IT INFRASTRUCTURE AND PLATFORM SERVICES

Nutanix combines compute, storage, and virtualization in a hyperconverged platform leveraging industry-leading Intel-based servers from Nutanix, Dell, Lenovo, Cisco and more.

The platform integrates an enterprise-grade hypervisor, Nutanix AHV, so virtualization no longer has to be separately purchased and managed. Storage is delivered as a set of software-defined services—including VM storage supporting almost any virtualized workload, block storage for bare-metal and external applications, file storage for end-user files and virtual desktop deployments, and persistent storage for container-based applications. The solution also includes resiliency, native data protection and disaster recovery to enable high application availability.

Nutanix Enterprise Cloud Platforms are built on **web-scale engineering** principles: software-defined, fully distributed with no single point of failure, and built-in self-healing. With a comprehensive infrastructure stack, administrators can finally focus on the applications that power their businesses as opposed to disparate pieces of infrastructure.

**“Nutanix is a valuable partner. Their technology has enabled Toyota to further simplify its datacenter infrastructure, improve performance and lower costs. We are discovering transformative benefits through web-scale infrastructure as our Nutanix footprint continues to grow”**

— Ned Curic  
CTO, Toyota Motor Sales, USA

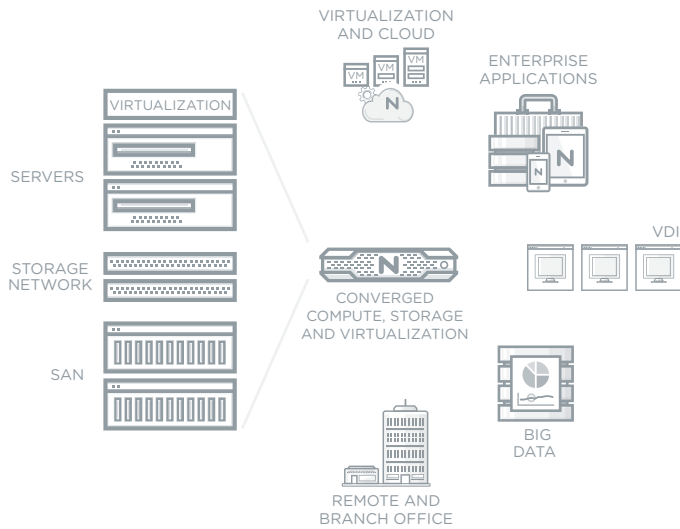


Figure 1: Built on the industry's leading hyperconverged infrastructure, leveraging web-scale engineering

### PAY-AS-YOU-GROW ECONOMICS

Nutanix Enterprise Cloud Platform starts small and scales to keep in lockstep with business needs. This predictable pay-as-you-grow scaling eliminates upfront overprovisioning, idle spare hardware, and painful forklift upgrades.

Capacity can be added on-demand with a single click and no disruption to production applications. Linear scaling yields predictable performance and capacity as resources are added.

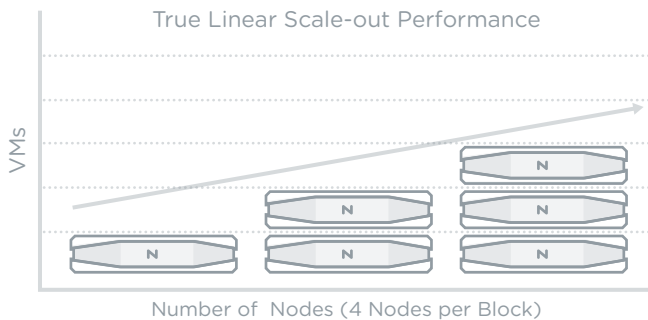


Figure 2: Start small, linearly scale without limits

### ONE-CLICK OPERATIONS

Nutanix Enterprise Cloud Platform provides simple, powerful management spanning across private and public clouds through Nutanix Prism. An intuitive interface and comprehensive set of REST APIs enables

complex operations to be either automated or accomplished with one-click across the entire stack.

With consumer-grade simplicity, IT administrators are immediately productive; managing everything from compute, VM operations, storage, data protection and disaster recovery -- across a single or multiple sites.

The Nutanix Enterprise Cloud Platform becomes smarter over time with patented machine-learning data-drive algorithms, reducing reliance on everyday administrator intervention.

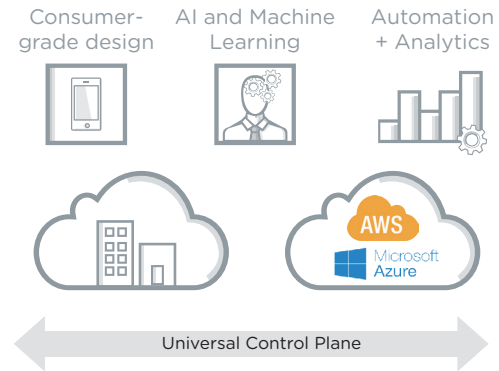


Figure 3: Centralized Management with Nutanix Prism

### APPLICATION MOBILITY AND CHOICE

The Nutanix Enterprise Cloud Platform is built with a technology agnostic architecture, enabling IT teams to select the right hypervisor, hardware platform and cloud to meet the IT and business requirements for every application. Datacenter managers are free to choose between a wide range of virtualization and cloud stacks including Nutanix AHV, VMware vSphere and Microsoft Hyper-V within their own datacenter and AWS and Microsoft Azure in the public cloud. With support for one-click migration, workloads can seamlessly move across different infrastructure platforms providing true application mobility.

When applications and administrators are not bound by the constraints imposed by infrastructure, enterprise IT is free to leverage the best attributes of public and private clouds thus optimizing IT's business benefits

The world's most advanced enterprises rely on Nutanix technology and solutions to power their most demanding workloads at any scale. Want to know more about the Nutanix Enterprise Cloud Platform? Find out about what we do and register for a live 15-minute demonstration.



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