

# Nutanix in 3 Minutes



## Why Nutanix?

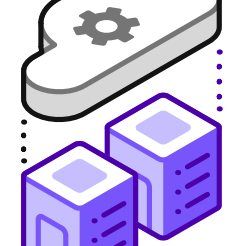
Thanks to digital transformation, an avalanche of new applications—especially AI and cloud native apps—and the resulting data explosion across distributed hybrid environments, IT landscapes have become infinitely more complex.

Traditional, siloed operating models and tools just can't keep up with the increasing push to develop innovative new products and services and get them to market as quickly as possible.

What enterprises need today is a unified platform that makes it easy to run applications and manage data across datacenters, edge locations, and public and managed clouds.

Nutanix pioneered hyperconverged infrastructure (HCI) to break down legacy silos by merging compute, storage, and networking into a single, easy-to-use datacenter platform. Today, we're breaking down silos again—this time between datacenters, clouds, and the edge. We call this a hybrid multicloud platform.

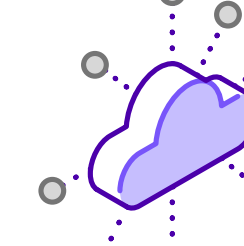
## A hybrid multicloud platform allows users to:



Operate a single platform, leveraging streamlined tools and expertise



Move apps and data across environments with ease based on business requirements



Seamlessly manage and secure datacenters, clouds, and edge locations as one

## Only Nutanix makes hybrid multicloud simple and cost effective.

### Any workload, any app

- Enterprise apps
- Cloud native apps
- AI / ML
- Databases
- Desktops

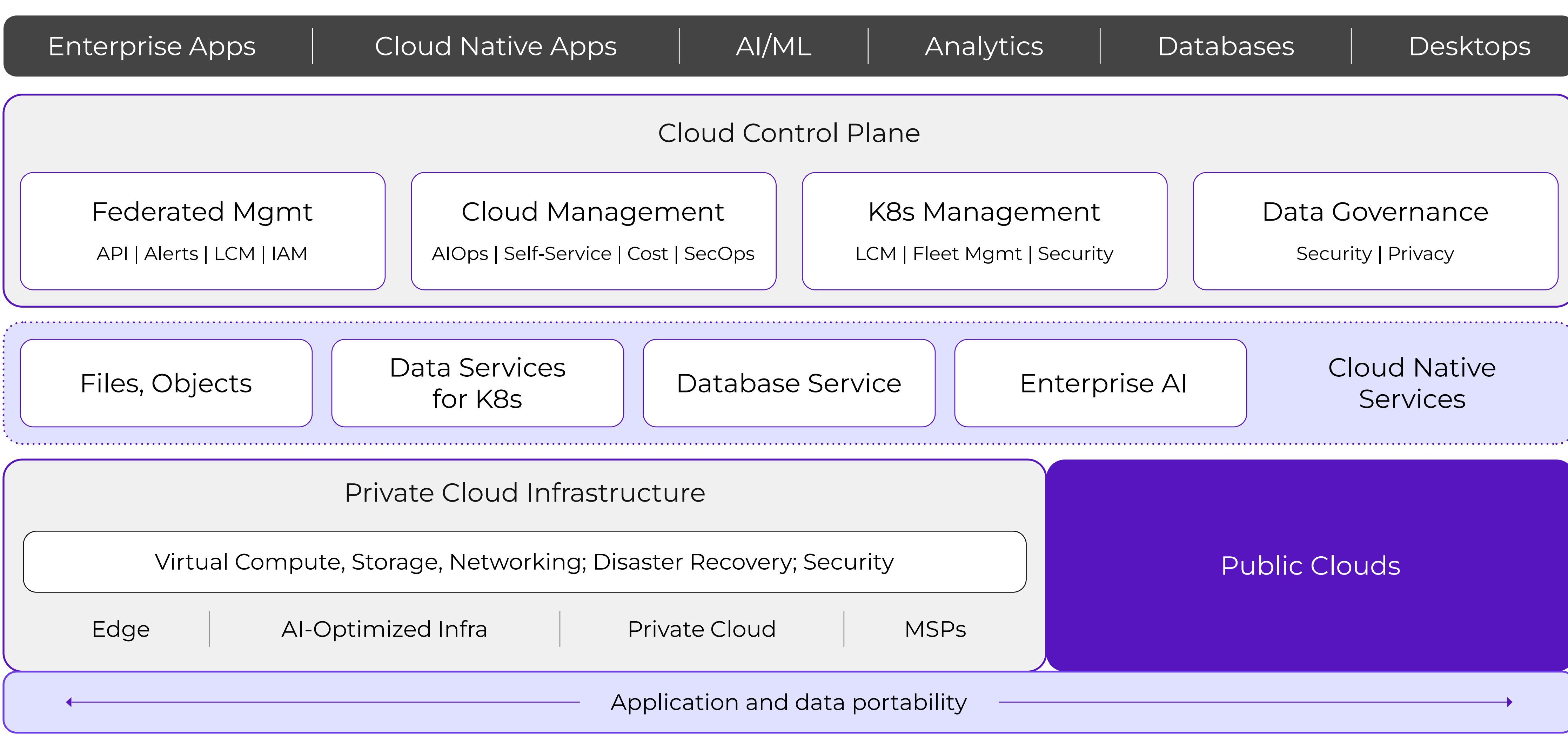


### Run anywhere

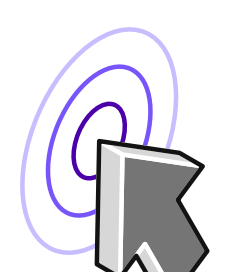
- Data Centers
- Public Clouds
- Service Provider Clouds
- Edge Locations

## What is Nutanix Cloud Platform?

The Nutanix Cloud Platform (NCP) solution brings together infrastructure and management, enabling businesses to securely run applications—in VMs or containers—and manage data at any scale and across any cloud. The platform offers the performance and reliability to replace traditional SAN environments with an architecture and capabilities to power modern AI and cloud native applications. This enables organizations to seamlessly build, innovate, and grow.

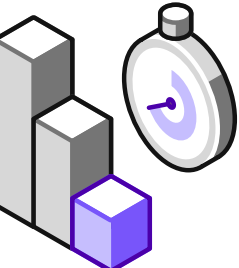


## Nutanix Cloud Platform delivers:



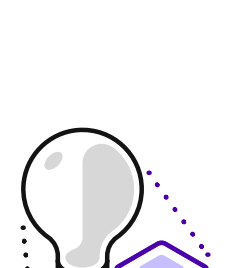
### Simplicity: One-click ease of use and life cycle management

Quickly and non-disruptively set up and manage your infrastructure from Day 1, while delivering your critical applications, data, and services across private and hybrid clouds. With one-click upgrades, you can continuously improve and patch your environment—without unnecessary downtime. Freed-up resources and cycles can be repurposed to focus on higher-value business tasks.



### Performance: Certified for your most demanding data and applications

A powerful distributed cloud architecture delivers SAN-like performance for your organization. The platform is certified to run even the most demanding enterprise applications and databases from SAP, Oracle, PostgreSQL, Microsoft, Splunk, Citrix, and many others.



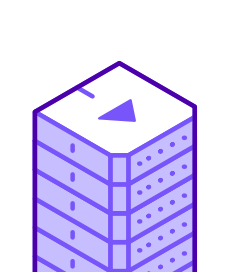
### Intelligence: An optimized and secure platform for the hybrid multicloud

Built-in AI and adaptive machine learning help deliver optimal application performance, data-driven resource planning, and automatic detection and resolution of slowdowns and security events. Self-service operations enable you to automate and distribute hybrid cloud provisioning without complex workflows—making it easy to build and run your cloud on your terms.



### Resilience: Always-on architecture

A self-healing architecture protects data and keeps your organization running without heavy intervention, supported by automated replication as well as one-click failover and disaster recovery. Efficient built-in snapshots and replication enable per virtual machine recovery point (RPO) and time objectives (RTO), reducing risk when compared to a non-integrated approach.



### Data-Centricity: Seamless support for all storage protocols

Advanced database automation and streamlined data management—including in Kubernetes® environments—across datacenters, clouds, and the edge help you optimize your data and infrastructure to meet modern demands more effectively and efficiently.

## What does Nutanix Cloud Platform include?

Nutanix Cloud Platform starts with HCI, which combines compute, storage, virtualization, and networking in a single hardware footprint. Nutanix has created a software-defined storage fabric to make your hardware deployment easy to manage while providing choice:

**Your choice of hardware**  
including Cisco, Dell, Fujitsu, HPE, Lenovo, Nutanix, and others.

**Your choice of hypervisor**  
including the Nutanix AHV, VMware ESXi, and Microsoft Hyper-V hypervisors

**Your choice of cloud**  
including leading public clouds (AWS and Microsoft Azure) and service provider clouds

**Your choice of Kubernetes platform** including Nutanix Kubernetes Platform, Red Hat Open Shift, AWS EKS, Microsoft AKS, Google Kubernetes Engine, Rancher, and others

These choices empower you to build the optimal environment for your workloads, including virtualized applications, container-based applications, and bare-metal services.

## Nutanix Cloud Platform builds on choice by providing critical services to create a complete hybrid multicloud solution:

**Nutanix Cloud Infrastructure (NCI)** is the foundation of Nutanix Cloud Platform and your hybrid cloud, delivering core software-defined data services, security, recovery, and virtualization/cloud native features.

**Nutanix Cloud Manager (NCM)** is the one-pane-of-glass hybrid cloud solution for managing your operations, data, workload security, self-service capabilities, planning, chargeback, and governance across clouds.

**Nutanix Unified Storage (NUS)** provides data services and security across Nutanix Cloud Platform including structured data (files), unstructured data (objects), and block storage. The Nutanix Data Lens solution provides a SaaS-based cyberstorage solution offering ransomware resilience and global data visibility for unstructured data on the NUS platform.

**Nutanix Database Service (NDB)** is a database-as-a-service solution to procure, deploy, backup, and patch your databases without complex management operational focus or long-downtimes that can lead to data outages.

**Nutanix Kubernetes Platform (NKP)** helps organizations succeed with Kubernetes by simplifying the process of managing fleets of clusters across datacenters, public clouds, and the edge, including integration with existing deployments so you can standardize on a common Kubernetes platform.

**Nutanix Enterprise AI (NAI)** makes it easy to operate, monitor, and adapt AI models (LLMs) with enterprise resiliency, Day 2 operations, and security.

## What benefits does Nutanix provide?

Nutanix helps you solve the business and technical challenges of today and tomorrow by enabling you to leverage the simplicity, flexibility, and agility of public clouds combined with the security and control of an on-premises infrastructure. The Nutanix platform provides capabilities to extend workloads to the security clouds with a common operating model and consistent data services—allowing hybrid cloud operators to burst or migrate applications across clouds, without rearchitecting or retooling for each environment. Here are just a few of the benefits Nutanix customers have experienced after adopting our cloud platform:

**Accelerate Time to Value and Increase ROI<sup>1</sup>**  
Deploy a full-stack solution in hours and recover your investment in as little as 12 months.

**Improve Resiliency, Productivity, and Quality<sup>1</sup>**  
Benefit from less unplanned downtime, more IT efficiency, and more productive application development.

**Deploy a Modern Infrastructure for AI and Cloud Native Applications**  
Drive AI initiatives and empower developers across clouds with a robust Kubernetes platform and data services.

**Reduce IT Risk and Waste**  
Start with what you need and scale as you grow. Nutanix can help reduce datacenter footprint (up to 36% lower infrastructure costs) and optimize workloads for economic and sustainability goals.

<sup>1</sup> IDC: The Business Value of Nutanix Cloud Platform, October 2022

## Start solving your toughest cloud challenges today

Trusted by companies worldwide, Nutanix offers a single platform to run your apps and manage data across multiple clouds while simplifying operations and reducing complexity—enabling you to focus on innovations and business outcomes.

Visit [Nutanix.com](https://www.nutanix.com) to learn how you can accelerate your cloud journey. While you're there, be sure to take a [free Test Drive](#) to experience Nutanix for yourself!