

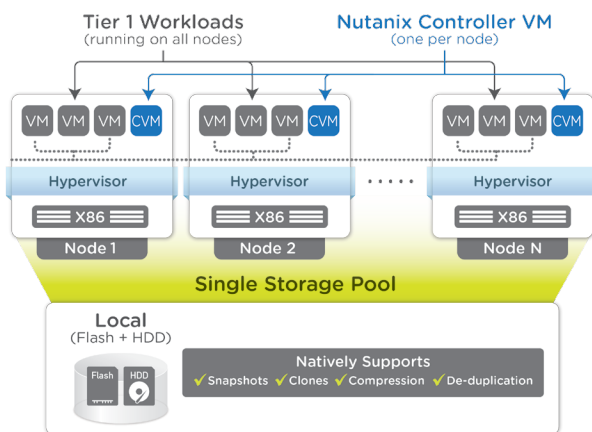
Accelerate Your Journey to the Cloud with Nutanix

The explosion of virtualized workloads in today's datacenters has given rise to the need for a more intelligent approach to virtualization and infrastructure management. Virtualization vendors such as Microsoft, VMware, and others are delivering on their vision of technologies and products to enable IT to turn datacenter into a flexible and scalable corporate asset. However this is only part of the solution. The virtualization trend has also put the focus back on to the IT infrastructure, requiring it to be better aligned with the needs of the virtualization stack.

Nutanix Virtual Computing Platform

The web-scale Nutanix Virtual Computing Platform is the ideal IT infrastructure for your private cloud deployments. Using a converged architecture that integrates compute and storage resources into a single appliance, Nutanix empowers both large and small IT organizations to efficiently consolidate and run all virtualized workloads on a single system. This includes enterprise applications, such as Microsoft Exchange™, Microsoft SharePoint®, Microsoft SQL Server®, Oracle® databases, and SAP® applications, development operations environments, and virtual desktop deployments—running virtually on your choice of either VMware vCloud suite with vSphere and vCAC or Microsoft cloud solution with Microsoft Windows Server 2012 R2 with Hyper-V® technology, System Center, and Azure Pack or Linux KVM.

The patented Nutanix Distributed File System (NDFS) uses a software-defined, shared-nothing, scale-out approach to storage that eliminates the need for you to deploy a separate SAN along with its performance bottlenecks and scalability limitations. NDFS leverages local SSD for fast VM performance, and consolidates high-capacity HDDs for cost-effective storage capacity. Application data is intelligently placed in the appropriate storage tier to balance performance and storage capacity needs. Your environment's noisy VMs on different hosts won't impact the performance for any workloads—fulfilling key performance requirements for cloud deployments.



Smart small and scale easily your private cloud with Nutanix.

On the deployment and scalability front, NDFS will enable you to:

- Deploy a complete solution in hours versus the days or weeks it takes with traditional storage and servers.
- Scale infrastructure the same way you would scale your business—without complex upfront estimations that can result in wasted capacity.
- Expend practically none of your IT administrator's time, and incur zero end-user or application downtime when you need to dynamically grow or shrink your environment.

Key Benefits

Make your transition to cloud infrastructure a reality with Nutanix web-scale solutions. With Nutanix you can:

- Respond quickly to growth: Start small and linearly scale your IT infrastructure in minutes enabling you to pay as you grow as your needs change, without the scalability shortcomings of traditional servers and storage.
- Deliver performance for all: Service all of your virtual desktops, critical applications, and development operation environments on one platform with excellent VM performance using both local and remote flash as needed.
- Improve availability: Meet service level agreements by keeping key VMs protected and running, with innovative VMcaliber backups and disaster recovery, along with non-disruptive upgrades.
- Reduce operational complexity: Support on-demand provisioning of VMs using API integration with cloud orchestration solutions and reduce administrative overhead by hundreds of hours per year using intuitive, consumer-grade management, VM-centric operations, and unprecedented insight into infrastructure performance.
- Be successful with the right partner: Benefit from world-class services, education, and proactive support to reduce time to production and operate at peak efficiency.

"Nutanix lets us expand linearly in a simple grow-as-you-go model. It removed the whole storage piece from the equation and by doing so eliminated the see-saw nature of sizing storage and servers as project scopes change. It allows us to immediately start deploying VMs and eliminates the pain points of dealing with I/O patterns that become increasingly random, causing SAN performance to decrease as the hosts handle more workloads."

Jonathan Lasley, Enterprise Architect,
Anthelio Healthcare Solutions

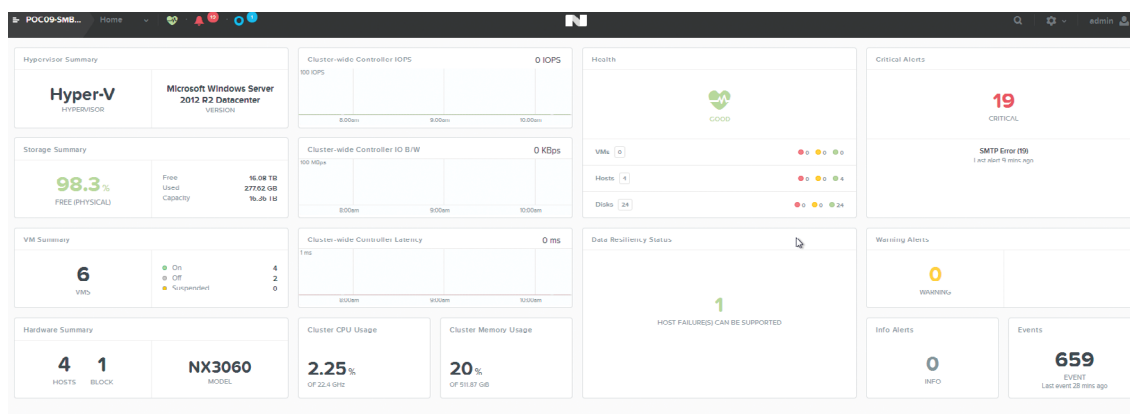
anthelio
A higher aim. A newer standard.

The Cloud Made Simple

The Nutanix Prism management framework intuitively organizes and presents information at-a-glance for one or multiple Virtual Computing Platforms. Complementing both VMware vCenter and Microsoft System Center Virtual Machine Manager, Prism provides actionable information on performance, utilization, and events for individual VMs and all aspects of the infrastructure. You can also take advantage of built-in analytics to correlate related events, enabling you to troubleshoot complex problems in minutes versus hours or days with traditional methods.

Nutanix integration with both VMware and Microsoft management stacks also helps improve your team's productivity. You can leverage efficient Nutanix VMcaliber cloning integration with either VMware VAAI and VCAI or Microsoft offloaded data transfer (ODX) to quickly deploy high-performance clones of VMs for tasks such as development and testing.

You can also leverage the Nutanix Windows Powershell toolkit and Prism APIs to create your own custom scripts for tasks such as automated deployment, reporting or even failover. Nutanix also supports integration with provisioning and automation tools such as VMware vCAC, vCloud Director, and Windows Azure Pack, empowering you to create on-premise private cloud deployments.



Improve your productivity with an actionable view of all your Nutanix systems

Availability for All

The software-defined storage approach of NDFS uses a shared-nothing model to eliminate any single point of failure in your infrastructure. You could continue to operate with no data loss even with the loss of a single node. It further addresses the chance of data loss with checksums and tunable redundancy within a Nutanix system.

Nutanix Virtual Computing Platform also takes a unique VMcaliber approach to data protection and disaster recovery for different workloads. You can take an unlimited number of space-efficient VM-centric or VMcaliber snapshots of individual or groups of VMs using pre-defined or custom schedules. The snapshots can be crash- or VM-consistent because of the Nutanix integration with Microsoft Volume Shadow Copy Service (VSS). These snapshots can be efficiently replicated over the WAN to another Nutanix system for disaster recovery using set policies.

"Nutanix has turned out to be a great platform to run Hyper-V on and has greatly simplified our datacenter without compromise. In fact, we've enhanced the stability of our environment, added full redundancy, increased performance, and can now easily scale the system up when needed – and we achieved all of this while actually decreasing our costs."

Tyson Mock, IT Director,
Cochise County, AZ

Getting Started

Nutanix is committed to making your journey to the cloud a success. Working closely with Microsoft and VMware, Nutanix continues to create validated solutions to take the deployment risk out of your virtualization and cloud projects. Nutanix also offers a variety of services delivered by Nutanix or our partner network to help you assess, plan, and deploy a private cloud with VMware vCloud suite or Microsoft Hyper-V, System Center, and Azure Pack.

For more information about our solutions for private cloud, visit nutanix.com or contact your local Nutanix representative or authorized reseller.



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