

# vArmour Virtual Security for Nutanix

Secure, simple data centers, from infrastructure to virtualization to applications.

## At-a-Glance Overview

Nutanix and vArmour enable simple and secure data center infrastructure by delivering converged compute and storage, with security as an easy to manage distributed system for enterprise and web-scale applications.

## Simple and Secure Infrastructure

Together, Nutanix and vArmour support today's agile enterprises with secure, hyperconverged infrastructure that includes:

**Distributed Everything:** Nutanix and vArmour are both built on an architecture that is 100% software-defined, distributing all data, security, and operational resources for web-scale extensibility and performance.

**Security at Every Layer:** Security is built into the Nutanix and vArmour stack, from the platform to the workload. vArmour delivers application-level visibility and control on top of Nutanix's hardened and self-healing platform, with SaltStack and STIG, delivering a highly secure environment for even the most sensitive workloads.

**Securely Share Infrastructure:** Micro-segmentation from vArmour, coupled with compute and storage from Nutanix, allows enterprises to run multiple business-critical applications on a single platform. Applications are independent of the underlying hypervisor or hardware, and can easily scale out to support performance demands while maintaining necessary security requirements.

## Data Center Transformation Use Cases

With Nutanix and vArmour, enterprises are able to take advantage of the following key use cases for data center transformation:

**Simpler Virtualization:** Simplify your virtual environment with a secure, hyper-converged data center infrastructure built on consolidated compute and storage resources from Nutanix and distributed security from vArmour on a single, logical appliance.

**High-Performance Enterprise Applications:** Deliver high-performance enterprise applications by elastically scaling performance, capacity, and security with shared resources from Nutanix and vArmour.

**Secure Private Cloud:** Rapidly deploy secure private clouds with validated turnkey designs for vSphere and KVM-based environments. With vArmour, security is built into the fabric of Nutanix workloads and can be automatically deployed at the same speed as new VMs being created.

## KEY BENEFITS



### Move Faster

vArmour security is quickly deployed on top of Nutanix, decreasing IT resource deployment time from hours to minutes and freeing IT to innovate faster, without security gaps.



### Increase Utilization

Consolidate all workloads on the same infrastructure—even the most sensitive applications—for greater capacity utilization, without impacting performance or sacrificing security.

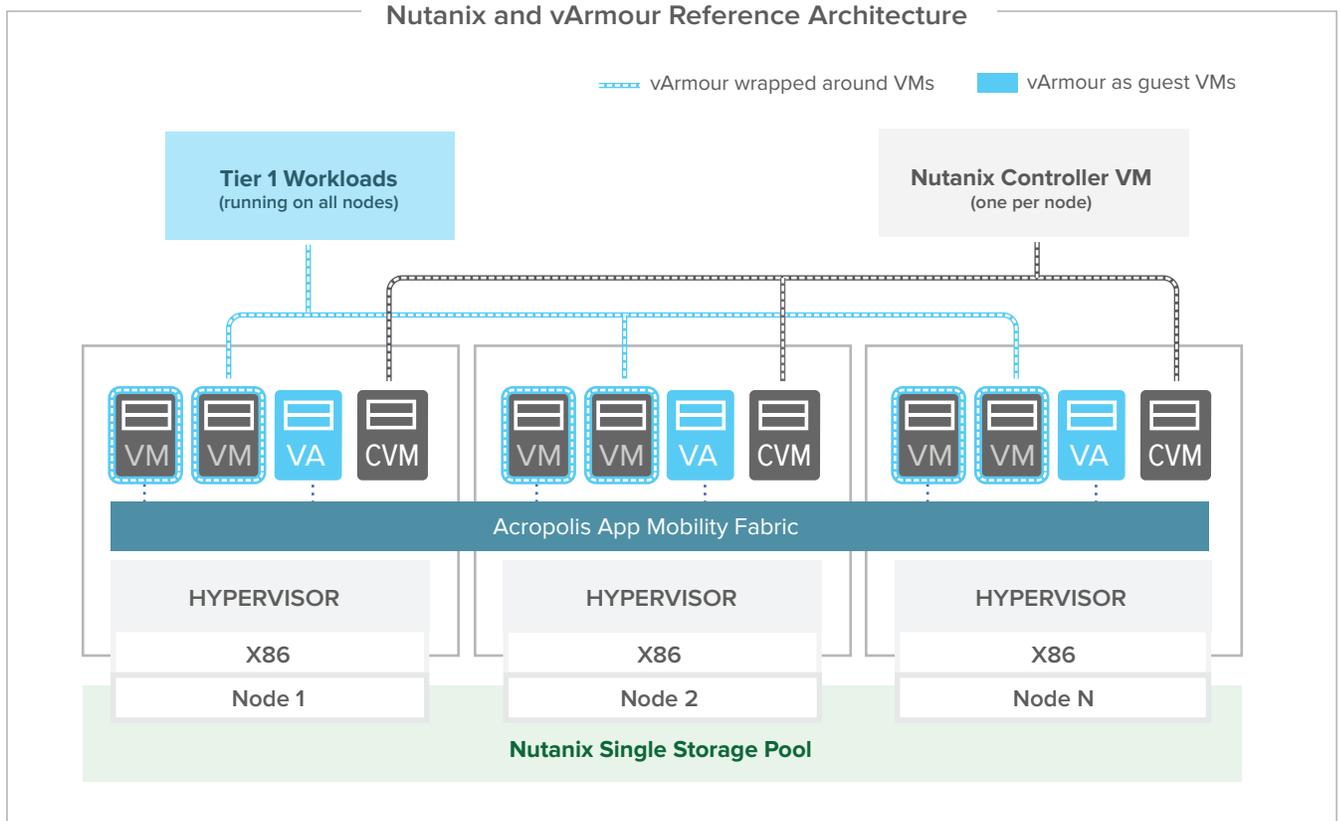


### Radically Reduce Costs

By sharing all resources, from compute to storage to security, as well as following a "pay as you grow" purchasing model, vArmour and Nutanix can lower capital and operational costs by up to 70%.

**Technology Powering IT Transformation**

Nutanix and vArmour today form a software-defined solution with secure, scalable, converged compute and storage infrastructure for virtualized applications. Guest virtual machines running on Nutanix nodes are micro-segmented by vArmour Enforcement Points (EPs). The combined cluster is configured and operated through the Nutanix Prism console, and security policies are managed centrally through the vArmour Director. Security is seamlessly maintained as workloads are created and dynamically moved around the cluster. Patterns of communication between workloads are analyzed and visualized through vArmour, enabling operators to quickly detect and block security incidents and compromise.



*"We have been so impressed with the cost savings and ease of use that the Nutanix hyper-converged compute and storage architecture has provided our enterprise customers. By joining forces with vArmour, we are excited to now be able to extend these benefits to security - and provide our customers the best of both worlds when it comes to next-generation data center and security delivery models." - Yuan Wang, Practice Lead, Enterprise Vision Technologies*

**About vArmour**

vArmour delivers the first distributed security system that transforms how organizations protect their virtualized and cloud assets in a world without perimeters. vArmour micro-segments every application in the data center by wrapping protection around every workload, delivering fine-grained visibility and control in dynamic cloud environments. The vArmour Distributed Security System is a single logical system composed of multiple autonomous, distributed sensors and enforcement points that are connected by an intelligent fabric. Learn more at [www.vArmour.com](http://www.vArmour.com).

**About Nutanix**

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. By natively converging server and storage resources into the turnkey Xtreme Computing Platform that is easy to deploy and manage, Nutanix has helped large and small IT organizations simplify their data center and gain predictable performance, linear scalability, and cloud-like infrastructure consumption. Learn more at [www.Nutanix.com](http://www.Nutanix.com).