

Nutanix & Array Networks vAPV

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 datacenter and gain predictable performance, linear scalability, and cloud-like infrastructure consumption.

Array Networks improves application availability, performance and security – optimizing the delivery of traffic from any cloud or data center to any user, anywhere while minimizing cost and complexity. Array load balancing and application delivery solutions are recognized by leading cloud providers and enterprises for next generation technology and unmatched price-performance.

■ SOLUTION OVERVIEW

The Array Networks vAPV solution delivered on a Nutanix invisible infrastructure ensures performance and availability across infrastructure and application layers. Together, Nutanix and Array Networks help deliver end-to-end solutions for scaling and optimizing applications. Benefits of the joint solution include:

- One platform for all: Consolidation on to a single solution with predictable scalability delivered by Nutanix's web-scale architecture
- Easy to design and deploy: Leverage sizing tools and reference designs to go from concept to production as much as 30X faster than traditional approaches
- Integrated networking and security: Host application availability (load balancing), performance and security functions directly on Nutanix infrastructure

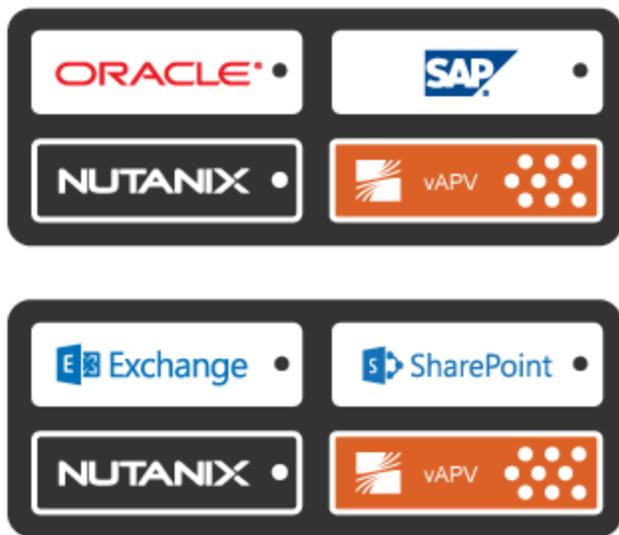
KEY BENEFITS FOR BUSINESS AND IT

- ✓ Get as much as 30X faster time to value from concept to production
- ✓ Eliminate under-utilized infrastructure silos, using up to 80% less space and 50% lower CapEx.
- ✓ Get fast VM related compute and storage performance
- ✓ Collapse essential networking and security functions onto Nutanix VMs to streamline management and conserve space and power
- ✓ Ensure 24/7 availability for applications and services running on Nutanix infrastructure via integrated load balancing
- ✓ Optimize application performance via integrated caching, compression and traffic shaping
- ✓ Provide a first line of defense via a reverse proxy architecture, Web application firewall and DDoS protection

■ HYPER-CONVERGED STORAGE, COMPUTE & NETWORKING

Nutanix solutions natively converge server and storage resources enabling a 100% software-defined infrastructure that comes ready to run all enterprise applications, at any scale. Built on a distributed web-scale architecture, a single Nutanix hyperconverged appliance can simultaneously run different workloads, including enterprise databases and applications, VDI, and big data workloads.

With Nutanix Ready validated solutions from Array Networks, IT organizations can deploy load balancing and application delivery functions directly on Nutanix infrastructure to streamline data center operations. The joint solution ensures application availability, performance and agility for applications that require Layer-4 through Layer-7 services.



- Integrated local and global server load balancing, link load balancing, caching, TCP multiplexing, compression, IPv6, DDoS protection and Web application firewall
- Multi-level security including a hardened OS and reverse-proxy architecture
- Software SSL offloading, and optional hybrid virtual/dedicated hardware SSL offloading
- Achieve 99.999% application availability, 5x application acceleration and multi-layer application security
- Nutanix Ready product
- Certified for leading applications such as Microsoft, Oracle, IBM, SAP, VMware and Citrix

Array Networks vAPV Virtual Application Delivery Controller on Nutanix Infrastructure

In addition to virtual load balancing and application delivery running directly on Nutanix infrastructure, Array Networks also supports stand-alone physical application delivery controllers validated to work in conjunction with Nutanix for use cases where a higher degree of scalability, performance and offload are required. Whether running virtual or physical, Array's load balancing and application delivery functions include:

- **Availability** – Server load balancing, link load balancing, global server load balancing, session persistence, advanced health checks, content transformation and custom policies
- **Performance** – Connection multiplexing, SSL acceleration, caching, compression and traffic shaping
- **Security** – Reverse-proxy architecture, Web application firewall, packet filtering, ACLs and DDoS protection

Moreover, Array application delivery solutions are certified by leading providers of enterprise applications including Microsoft, Oracle, IBM, SAP, VMware and Citrix, and include validated deployment guides for ensuring rapid deployment of optimized applications.

PARTNERING FOR SUCCESS

“Our partnership with Nutanix is aimed squarely at IT organizations adopting cloud and Web-scale principles in their data centers. Deploying Array application delivery on Nutanix, businesses benefit from management and cost efficiencies that span storage, compute and networking.”

- Paul Andersen, Director of Marketing, Array Networks

EASY TO MANAGE & DEPLOY

The Nutanix and Array solution is simple to deploy. Each Nutanix appliance contains all of the compute resources required for a complete deployment and Array on Nutanix can be up and running in less than 30 minutes – significantly reducing deployment times for business-critical applications. Multi-hypervisor support provides the flexibility to choose the right virtual infrastructure, and virtualization makes it easy to deploy and manage Array load balancing and application delivery solutions alongside virtual server workloads and VDI services with no impact on performance.

NUTANIX READY



Nutanix Ready identifies recommended applications and solutions that are trusted to enhance the Nutanix Delivery infrastructure. All products featured in Nutanix Ready have completed verification testing, thereby providing confidence in joint solution compatibility. Leveraging its industry-leading alliances and partner eco-system, Nutanix Ready showcases select trusted solutions designed to meet a variety of business needs. Nutanix Ready demonstrates current mutual product compatibility, continued industry relationships and interoperability.

GET STARTED

Nutanix and Array Networks are committed to our customers' success. We offer a wide range of services, around design, deployment, and optimization, as well as custom services tailored to customers' needs. Get started today by contacting Nutanix or Array Networks.

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[About Nutanix](#)

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. Using Nutanix, customers benefit from predictable performance, linear scalability and cloud-like infrastructure consumption. Learn more at www.nutanix.com or follow up on Twitter @nutanix.