Hewlett Packard Enterprise | vmware®

ADVANCE YOUR HYBRID CLOUD JOURNEY WITH INTEGRATED HPE VSAN READYNODES

Reduce IT complexity, virtualize storage, and build high-performing infrastructure for the next stage of your digital transformation.

- **On-premises storage continues to impede agility:** 92% of enterprises wait a month or more for new capacity, but they also waste 40–50% of their server capacity.[1]

- **The cloud revolution is here:** 90% of companies are in the cloud, and 60% of workloads are now cloud-based. 80% of organizations are planning to move to hybrid cloud within two years.[2]

- **A shift from storage arrays to software-defined storage:** 25% of businesses plan to use software-defined storage solutions instead of buying shared storage arrays.[3]

HPE and VMware have a more than 20-year partnership, with solutions that span security, AI, VDI, hybrid cloud, storage, HCI, and more. Our integrated suite of flexible, scalable software, services, and solutions helps organizations build a truly digital business and deliver better customer and employee experiences.

IT'S TIME TO TACKLE STORAGE COMPLEXITY

Storage companies have been changing for decades, but organizations are often slow to change to different storage arrays due to risk concerns and comfort with their existing provider.

But that inertia comes at a cost, as most standard storage solutions aren't flexible or scalable enough to keep up with changing business demands—leaving many companies to continuously grapple with too much complexity and high costs.

To address these challenges, modern organizations need integrated, high-performing storage solutions that unify and simplify management across their environment and enable them to lower and more effectively control costs. With these purpose-built solutions, organizations can spend less time navigating provisioning and capacity management and more time driving transformation.

WHY INTEGRATED HPE VSAN READYNODES

Running on HPE ProLiant servers and Synergy, vSAN provides an HPE-engineered, VMware-certified HCI solution with the choice of a hypervisor version, management tools, and options to match customer workload requirements.

vSAN ReadyNodes have been certified for HPE firmware, software, and drivers, and come factory installed with HPE Integrated vSAN ReadyNodes. The solution offers a consistent management plane for hybrid cloud and provides enterprise-grade capabilities for running traditional VMs and next-generation container-based workloads.

Effective Integration, Faster Provisioning, and Simplified Management
VMware vSAN™ is a foundational piece for companies in the early stages of digital transformation. vSAN is the only storage virtualization integrated with VMware vSphere® for greater consolidation ratios and consistent performance.

USE CASES

Public
Cloud

Single Management Plane

Unify On-prem

ROBO/Edge Deployments

Run Mission-critical Apps

The solution provides a unified management platform for hybrid cloud that allows customers to seamlessly transition away from traditional storage systems. With vSAN, customers benefit from automated storage management, accelerated VM provisioning, and integrated storage policies that optimize storage for their VM workloads.

Agility and Scalability

Customers can easily and efficiently scale storage on demand and create a compliant, developer-ready infrastructure to modernize apps, effectively manage microservices, and meet new business requirements.

They also can scale at their own pace. They can add a single node or drive to existing nodes to easily scale and reconfigure workloads or integrate HPE external storage with VMware vSphere® Virtual Volumes™ (vVols) using VMware Cloud Foundation™ (VCF) for consistent management. Customers also can share vSAN capacity with any vSphere-virtualized server with HCI Mesh™.

Lower Cost with Hyperconverged Infrastructure

vSAN enables customers to reduce their data center footprint and unify on-prem and cloud environments. Running on HPE servers, the solution becomes a hyperconverged infrastructure that reduces storage costs 50% or more compared to a traditional server and storage architectures.

Stronger Enterprise Security

HPE and VMware server and storage solutions allow customers to create a secure path from server virtualization to a hyperconverged infrastructure toward a hybrid cloud architecture.

HPE's exclusive Silicon Root of Trust ensures hardware and firmware haven't been compromised from manufacturing to shipping. VMware HCI offers software-based encryption for data at rest and in transit, role-based access controls, support for vTPM 2.0, and automation to advance customers' security operations.

SIMPLIFY AND UNLOCK YOUR AGILITY WITH INTEGRATED HPE VSAN READYNODES

- **A storied partnership:** Selling more than 500,000 VMware licenses in the last five years, HPE is the global leader in server virtualization solutions based on VMware technology. HPE and VMware also share one of the largest joint channel partner communities.

- **Accelerating modernization:** With VMware workloads running on HPE infrastructure, customers benefit from optimized performance, deployment flexibility, and faster time to value.

- **Solutions that boost financial flexibility:** Our joint solutions help customers reduce and better manage compute costs as they adapt their workloads to support digital transformation initiatives. vSAN and HPE Compute have helped customers reduce their data center footprint to generate $800,000 in savings, lower CapEx costs by $1.6 million, and save $1.7 million on server and storage costs. Customers also can deploy vSAN on inexpensive x86 servers to easily reduce complexity and up-front costs.

- **Industry-leading experience:** The combined expertise of HPE and VMware delivers the industry's most complete portfolio of integrated virtualization, cloud, and HCI solutions and services. We also offer consistent support to help companies advance their transformation.

LEARN MORE AT OUR HPE AND VMWARE ALLIANCE SITE
https://www.hpe.com/us/en/alliance/vmware.html

Source:

1. Research conducted by 451 Research in 2019 of more than 1,000 enterprise IT decision-makers.

2. Cloud Adoption Statistics for 2020, Hosting Tribunal, 2020.

3. The 2020 State of Virtualization Technology, SpiceWorks, 2020.

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