Hewlett Packard Enterprise

Radically simple storage for the SDDC

VMware Virtual SAN Ready Nodes from Hewlett Packard Enterprise

Accelerate your journey to a software-defined, hyper-converged infrastructure by deploying complete solutions with the prescribed size and quantity of CPU, memory, networking, I/O controller, HDD, and SSD—backed by Hewlett Packard Enterprise.

Proven platform

Run your VMware Virtual SAN Ready Node with confidence, knowing that more customers run VMware vSphere on HPE ProLiant servers than any other platform.

Choice

Select the optimum configuration for handling your business-critical applications, client virtualization, disaster recovery target, and test/development and staging workloads.

Reliability

It's your virtualized IT environment, and you want the best. Choose HPE ProLiant servers—the platform world-renowned for reliability.

Support

Choose from a comprehensive range of HPE service and support options, tailored to your unique needs.

The IT evolution continues

Remain in lock-step with the changes

The IT evolution continues to gain velocity. While still a relatively new notion, the software-defined data center (SDDC) is expected to have what it takes to handle the monumental workloads of the idea economy—with 44 zettabytes of information and 24 billion IP-connected devices estimated by 2020.[1] In large part, the SDDC will be adopted due to the cost, efficiency, and productivity gains it provides.

Standing at the forefront of software-defined technology are Hewlett Packard Enterprise and VMware®. Together, we are delivering options to make the promise of the SDDC a reality—today.

Any true SDDC must include software-defined storage, which leverages automation and templates to dramatically simplify and streamline storage provisioning and management.

Hewlett Packard Enterprise and VMware have been working together to develop a series of turnkey, software-defined storage solutions for a wide variety of use cases and workloads.

We started with VMware® Virtual SAN™—part of the VMware vSphere® platform. Then, we added the prescribed memory, networking, I/O controller, hard disk drive (HDD), and solid-state drive (SSD)—all running on an HPE ProLiant server.

The result is a portfolio of VMware Virtual SAN Ready Nodes. These robust, innovative, and enterprise-grade hypervisor-converged infrastructure solutions are:

• Complete

• Easy to order as-is or for customization

• Fast to deploy

• Simple to manage

• Less costly to run

Your solution advantage

When you choose a preconfigured software-defined storage solution from Hewlett Packard Enterprise and VMware, you benefit from:

• A turnkey solution, fully tested and delivered on the leading server platform for VMware vSphere—HPE ProLiant

[1] TechSpot article, "**The road to 44 trillion gigabytes: Software-defined datacenters and seeding the cloud**," 11 August 2014

What can Virtual SAN Ready Nodes do?

Designed for specific workloads, VMware Virtual SAN Ready Nodes from HPE support:

- Business-critical applications (for example, Microsoft® Exchange, Microsoft SQL Server, and Oracle)
- Virtual desktop infrastructure
- Disaster recovery target
- Test/development and staging

Order now

The Ready Nodes are available on the **VMware Compatibility Guide**. Under "Ready Node Vendors," select "Hewlett Packard Enterprise" to obtain the list of VMware Virtual SAN Ready Nodes and corresponding HPE models.

Our solution partner

vmware®

- VMware's hypervisor-converged storage software, Virtual SAN, delivering enterprise-class, high-performance storage for virtualized applications, including business-critical apps

- A scale-out architecture that leverages HPE ProLiant x86 server technology and server-side flash memory to drastically lower overall storage total cost of ownership (TCO)

- Management savings through HPE OneView, which converges the management of servers, storage, and networking in both physical and virtual environments—from a single console

- The ability to granularly scale-up or scale-out your compute and storage environments

- A hypervisor-converged architecture that enables storage and compute to run in the same physical host with minimal overhead; with management made simple through the seamless integration of VMware Virtual SAN with the VMware vSphere® Web Client and VMware software stack

- Deployment choices:
  – Several preconfigured and ready-to-go Ready Node configurations available from Hewlett Packard Enterprise today
  – Hybrid and all-flash profiles for server and VDI workloads

- The capability to build your own Ready Nodes using whichever hardware components you prefer from Hewlett Packard Enterprise. Access the **Simple Configurator** and follow the steps outlined. For OEM: Choose "Hewlett Packard Enterprise," select the model, and then follow "Next steps."

Single-source support

To expedite deployment of VMware Virtual SAN Ready Nodes on HPE, HPE Services can act as your single-source provider for service and support. With HPE Services, you can harness the unrealized potential of your HPE and VMware environment.

Trust the experts at Hewlett Packard Enterprise to help you with everything from strategy and governance to technology, training, and process reengineering.

Working together for you

For more than 15 years, Hewlett Packard Enterprise and VMware have been delivering the industry's most complete portfolio of tightly integrated and jointly engineered systems—spanning the desktop and device to the data center, the cloud, and beyond.

When you choose a standards-based solution from Hewlett Packard Enterprise and VMware, your business benefits from:

- Faster application deployment
- Greatly improved performance
- Streamlined operations made possible through automation
- An innovative IT infrastructure that's easier to manage and less costly to own
- A better user experience, giving users the fast response time and continuous availability they need to do their jobs

Learn more at
hpe.com/partners/vmware

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