

# MODERNIZE YOUR DATA CENTER FOR DIGITAL TRANSFORMATION

Hewlett Packard Enterprise and VMware

## Providing a seamless transition to hybrid cloud

### Trust the HPE and VMware industry-leading partnership

- With a 75-year history of IT innovation, HPE and VMware have worked together to deliver game-changing results to our shared 200,000+ customers.
- The partnership has global scale, with more than 100,000 global partners and more than 25,000 solution experts.
- Selling more than 500,000 VMware licenses in the last 5 years, HPE is the global leader in server virtualization solutions based on VMware technology.
- HPE is the largest VMware Authorized Training Center™ with more than 90 training centers.
- HPE is the biggest and the most influential OEM partner for VMware.
- HPE and VMware share one of the largest joint channel partner communities.

Most enterprises are undertaking digital transformation. IDC expects that over the next four years, companies worldwide will spend up to \$6 trillion<sup>1</sup> on technologies and services that support and hasten digital transformation.

Why? By disrupting processes, organizations plan to obtain increased business value, including:

- Improved productivity and efficiencies
- Faster innovation
- Better customer experiences
- Competitive advantage

By intelligently incorporating software-defined infrastructure into your data center, Hewlett Packard Enterprise and VMware® can accelerate your journey to modernization. Our complete portfolio of joint solutions is orchestrated to work as one in your multi-cloud environment.

## GET GAME-CHANGING RESULTS

During their 20-year partnership, HPE and VMware have revolutionized infrastructure and services—from the data center to the cloud.

- HPE has the largest virtualized server share on VMware across all server vendors.
- VMware is the most prevalent virtualization platform for HPE products.
- HPE cloud and data center innovations are delivered with turnkey virtualization solutions from VMware.

- HPE and VMware's combined expertise delivers the industry's most complete portfolio of integrated virtualization, cloud, and mobility solutions and services.

## SEAMLESS TRANSITION TO HYBRID CLOUD

Working together as a collaborative team, HPE and VMware design and deliver joint solutions that enable you to overcome your key business challenges.

Some companies are already mixing public, private, and data center resources and thinking about a software-defined environment. They're trying to speed application development and IT services delivery while supporting DX efforts—but running into resource and IT capacity challenges, as well as increased IT complexity challenges.

In these cases, the right solution is [VMware Cloud Foundation™ \(VCF\) running on HPE Synergy infrastructure](#):

- VCF integrates VMware compute, storage, and network virtualization with management and automation, with security at every layer of the stack.
- As a composable infrastructure platform, HPE Synergy composes physical and virtual compute, storage, and fabric pools into any configuration for any application through a single interface.
- As an extensible platform, it easily enables a broad range of applications and operational models such as virtualization, hybrid cloud, and DevOps.

Together, HPE Synergy + VCF provides a single, consistent hybrid cloud experience. HPE Composable Infrastructure can be provisioned on the fly with VMware software-defined intelligence, allowing for optimal application development and performance. It logically pools resources—reducing both underutilization and overprovisioning—to create an agile data center.

HPE and VMware have tightly integrated VMware SDDC Manager and HPE OneView—enabling HPE Synergy to simplify management of composable infrastructure and the private cloud environment. By introducing the HPE OneView integration for SDDC Manager, HPE is the first vendor to deliver composable features on VMware Cloud Foundation.

### OPTIMIZE WORKLOADS

For companies at the early stages of DX and hybrid cloud, [VMware vSAN™ running on HPE's leading servers](#) is a smart steppingstone toward a fully modernized IT infrastructure.

Many companies have been using the VMware vSphere® virtualization platform on HPE ProLiant servers for decades. So, vSAN is a natural fit:

- Its storage virtualization software enables customers to manage compute and storage with a single platform
- It seamlessly joins all storage devices across a vSphere cluster into a shared data pool, allowing for easy scaling up or down as needs change
- Running on HPE servers, vSAN becomes a hyperconverged infrastructure that lowers storage costs 40% or more versus traditional server and storage architectures

Given their consistency and flexibility, HPE servers + vSAN provide the simplest path: from server virtualization to hyperconverged infrastructure toward a true hybrid cloud architecture.

### MOVE TO CONSUMPTION-BASED IT

To attain the public-cloud economics of scalability with on-premises infrastructure, customers can deploy HPE GreenLake, an IT consumption-based model that lets companies only pay for the IT infrastructure they use, on a pay-as-you-go basis. It's a perfect fit to support critical applications that must remain on-premises.

HPE GreenLake with HPE Synergy and VCF provides the perfect hybrid cloud, enabling companies to easily traverse between public and private clouds with an OPEX model. HPE and VMware are the only partners to provide this experience. Benefits include:

- Faster time to value with complete, curated solutions
- Flexibility to manage by change order, enabling you to add capacity in minutes instead of months
- Reduced CAPEX with a flexible and predictable pay-per-use model
- Simplified IT that is operated by you—freeing up resources to add greater business value
- Faster time to resolution with support across HPE and VMware, so you have one number to call for help

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