

# Transform to a hybrid infrastructure

## Hewlett Packard Enterprise and VMware

Employees and customers expect responsive services and positive experiences. Traditional IT models are struggling to keep pace. The time is now to transform to a hybrid infrastructure from HPE and VMware.

### Building the foundational steps for a hybrid infrastructure

- **Modernize** by building your virtualized environment on VMware vSphere 6.0 and HPE Converged infrastructure.
- **Automate tasks/orchestrate processes** using HPE OneView with VMware vRealize® Operations™ integration—a single platform designed from the ground up for converged infrastructure management.
- **Converge and hyper-converge** workloads on purpose-built systems that deliver a total-systems experience.
- **Run workloads in a hybrid cloud** that includes the right mix of traditional IT, private clouds, and public clouds. Leverage the power of open source technology to get more value from your current and future IT investments.

### Working together for you

#### Providing a next-generation infrastructure foundation

For 15 years, Hewlett Packard Enterprise and VMware have been building on the power of our combined expertise to deliver the industry's most complete portfolio of integrated cloud and data center innovations. Our jointly-engineered systems span from the device and desktop to the data center, cloud, and beyond.

Offering built-in flexibility, HPE and VMware solutions enable you to step up to a hybrid infrastructure on your timetable and terms. To ensure every system performs at its best right from the start, we test and validate our joint solutions in the lab and factory.

### Why a hybrid infrastructure?

#### Powering new applications and workloads

The concept of on-demand infrastructure has been around since the client-server era. But today's next-generation of applications, web services, and user experiences add new meaning to the words "on demand." These richer, more impactful, world-changing applications require a next-generation infrastructure to run on—and that platform must be truly on demand.

### Moving toward hybrid

#### Complete your journey one step at a time

Rather than a "one and done" procedure, building a hybrid IT infrastructure is a journey that includes four critical steps.

#### Step 1: Modernize

Designed to help you better compete in today's complex marketplace, VMware vSphere® 6.0 and an HPE infrastructure with HPE OneView create a proven foundation for the on-demand infrastructure. Simple, scalable virtualization and cloud-ready solutions from HPE and VMware:

- **Protect and optimize your current investments with Converged Architectures**—Get modular, repeatable, and scalable building blocks designed for your workloads. You can quickly have a fully integrated, optimized system including hardware, infrastructure management, support and service.
- **Offer a wide array of solutions from which to choose**—You can work with HPE and VMware to virtualize your servers, storage, and networking.
- **Deliver a phased approach to virtualization and the New Style of Business**—Work with the HPE Technology Services experts at every stage of your move to a modern on-demand infrastructure—from assessment to design, to implementation and support.

## Solution brief

### Servers

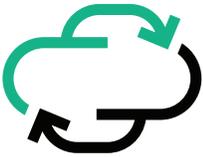
HPE ProLiant Gen9 server platforms offer the right compute for the right workload at the right economics. HPE ProLiant servers are the leading hardware platform for VMware-based virtualization.<sup>1</sup>

### Storage

Changing nothing in your storage environment may seem like the right choice. But without change you miss out on a lot: innovation; next-generation service delivery; simplified single-console management; easy integration with new technologies like VMware Virtual Volumes (VVOLS); increased virtual machine density; reduced capacity requirements; greater energy efficiency; and single-vendor service and support.

### Networking

HPE Networking and VMware solutions automate and unify your physical and virtual data center networks—enabling greater business agility, efficiency, and continuity.



### Make your IT more efficient

and agile through virtualization, convergence, and cloud.

<sup>1</sup>IDC Worldwide and U.S. Vendor Shares, June 2014

<sup>2</sup>Based on HPE internal testing

### Our solution partner



### Step 2: Automate tasks and orchestrate processes

By streamlining processes, incorporating best practices, and creating a new holistic way to work, HPE OneView with VMware vRealize Operations integration prepares your organization to deliver on the promise of converged infrastructure and the New Style of Business—greater simplicity, agility, and speed at a lower cost.

In fact, HPE OneView is the only platform that can provision, monitor, update, and scale resources without leaving the VMware vRealize Operations Manager™ Console—making IT management simpler, faster, and less expensive.

### Step 3: Converge and hyper-converge

The future of the converged data center builds upon industry-leading infrastructure innovation and a comprehensive virtualization solution from HPE and VMware.

- Leveraging HPE BladeSystem environments with HPE Virtual Connect FlexFabric, your organization can build an agile solution with VMware vRealize Operations.
- HPE ConvergedSystem 700 provides a complete, pre-configured, turnkey solution for general-purpose and application-specific virtualization environments. It is also ideal to accelerate deployment of VMware environments in remote and branch offices, as well as in mid-sized businesses.
- The HPE ConvergedSystem 250 system leverages the power of software-defined technology to tightly integrate compute, network, storage, and management resources. Tightly integrated with VMware software, HPE offers best-in-class hyper-converged platforms with choice and flexibility—enabling you to deploy a complete virtualized environment in less than 15 minutes.<sup>2</sup>

### Step 4: Cloud

To make your IT more efficient and agile through virtualization, convergence, and cloud—as well as to support the next generation of applications your business needs—HPE and VMware deliver cloud-based solution choices that leverage your existing infrastructure built on VMware vSphere.

By deploying a hybrid cloud environment built on HPE Helion, VMware vCloud® Suites®, plus vCloud Air™, or a combination of both, your organization benefits from:

- More flexibility
- Greater cost-efficiency
- Enhance productivity
- Greater control over resource deployment

### Getting the help you need

During your journey toward the New Style of Business, you will face both challenges and opportunities. To make sure you can capitalize on every opportunity and manage the changes with confidence, you can work with HPE and VMware service professionals to:

- Design a transformation strategy that meets your needs today and tomorrow
- Deploy new IT consumption models that enable you to transform today, integrate tomorrow, and prepare for whatever comes next
- Get answers to questions or problems with just a single phone call or email
- Choose a flexible financial service program that meets your needs and budget

Learn more at

[hpe.com/partners/vmware](http://hpe.com/partners/vmware)

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