

# 7 things you must know about HPE OneView

Infrastructure automation made easy

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## What is HPE OneView?



A breakthrough infrastructure management tool that simplifies hybrid IT and helps customers on the path to a composable infrastructure, HPE OneView is your infrastructure automation engine—transforming servers, storage, and networking into software-defined infrastructure. HPE OneView is designed to:

- Leverage a modern, standards-based API and a large and growing composable partner ecosystem to enable software developers to deploy infrastructure with a single line of code—an extensive composable ecosystem gives you confidence that you are investing in an architecture with solid support
- Increase the speed of IT delivery for new apps and services while still efficiently managing your traditional IT
- Use software-defined intelligence and a template-driven approach to provision, update, and integrate compute, storage, and fabric
- Manage across compute, storage, and fabric with a single easy-to-use interface

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## Key features



### Deploy infrastructure faster

- **Save time to stand up infrastructure**—From 50 hours to minutes.<sup>1</sup>
- **Rapidly provision servers with template-based automation at scale**—Requiring the same effort to deploy one server or thousands.
- **Instantly compose the industry's most comprehensive storage**—Across SAN, SDS, and DAS storage.



### Simplify IT operations

- **Liberate valuable resources by reducing administrative time by up to 73%**—Using template-driven firmware automation.<sup>2</sup>
- **Get near real-time visibility of the health and status of thousands of HPE servers and 3PAR storage with the HPE OneView Global Dashboard**—Delivering unified management of HPE BladeSystem c-Class, HPE ProLiant DL/ML servers, HPE Hyper Converged 380, HPE Synergy, HPE Apollo Systems, HPE 3PAR StoreServ, and HPE StoreVirtual VSA storage in a single view, with data center scale of up to 20 appliances and 12,800 servers.
- **Keep the business running with integrated 24x7 remote support for the infrastructure**—Providing monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. Additional features include the ability to turn off remote support at the device level for ease of maintenance and contract/warranty display on each device. Remote support for key features in HPE Synergy Composer and Image Streamer are now available.
- **Extended HPE platform support**—Now includes HPE StoreVirtual VSA iSCSI storage, HPE Apollo 2000, 4000, 6000 and HPE ProLiant ML350 Gen9 advanced management, as well as standard monitoring support for HPE Superdome X and the rest of the HPE ProLiant ML Gen 8 and Gen 9 server family.



### Increase productivity

- **Unified API**—Enabling developers and IT administrators to automate infrastructure deployment and updates without detailed knowledge of how the underlying hardware works.
- **53% reduction in average software build time**—Using a Docker container host.<sup>3</sup>
- **Elimination of thousands of lines of error-prone code and time-consuming custom scripts**—Using just a few lines of single code.
- **Deployment of HPE Synergy with HPE Helion CloudSystem 10**—Enabling you to run private cloud services and traditional apps on a shared infrastructure.
- **Maximum choice and flexibility with new partner integrations through the HPE OneView Composable Infrastructure Partner Program**—Now including Mesosphere, ServiceNow, Densify.com by cirba and Red Hat® OpenShift.

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## Why HPE OneView?



### Software-defined intelligence

enables infrastructure automation across servers and storage, reducing IT costs



### Global Dashboard

provides intelligence for faster decisions in managing thousands of HPE servers and storage across the globe



### A path to composability

enabled with bare-metal provisioning and single line of code provisioning



### Simplified IT lifecycle operations

reduces risk of human error with template-based automation of firmware and device driver updates; develop once and replicate many times



### Increased productivity

develops new apps and services faster with modern, open standards-based unified API to develop new apps and services faster



### Single infrastructure management tool

consolidates the need to use multiple tools to manage your compute, server and fabric with a single unified view of your infrastructure

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## Migration path

Simplify your day-to-day infrastructure management and hardware compliance with tool consolidation and a single interface to manage your servers, storage, and networking by migrating to HPE OneView.

HPE BladeSystem c-Class, ProLiant DL and ML, and Apollo servers; HPE 3PAR StoreServ and StoreVirtual VSA storage customers can deploy HPE OneView and accelerate time to value with a free Migration Assistance Assessment tool, HPE Migration support services, and HPE Education services. HPE Virtual Connect users can leverage the fast, in-service Virtual Connect migration feature in HPE OneView for zero downtime. To be eligible, your servers must be supported by HPE OneView 3.1; have an existing license for HPE iLO Advanced, Virtual Connect Enterprise Manager, or Insight Control; and be purchased before 2017.



### Services that accelerate adoption of HPE OneView

- **HPE OneView Installation and HPE BladeSystem c7000 Migration Service**  
For one enclosure (U1V79E and H6K68A1); up to four additional enclosures (H4W69E and H8Q65A1)
- **HPE OneView Implementation Services**  
(U1V78E and H6K67A1)
- **HPE Education Services**
  - H7H10S HPE OneView Quick Start (1 day)
  - H4C04S HPE OneView Administration (3 days)
  - H0LL8S Migrating to HPE OneView (1 day)
  - H4C04AAE HPE OneView V3.1 Overview (1 hour, self-paced WBT, free with purchase of HPE OneView Advanced)

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## HPE Composable Infrastructure

Not only does HPE OneView simplify the management of your hybrid infrastructure today, but it also ensures a smooth transition to a composable future. HPE OneView provides the software-defined intelligence and unified API you need to compose and manage infrastructure with a single line of code. With HPE OneView, you can optimize resources and enable them to be easily assembled, disassembled, and reallocated based on the needs of your business.



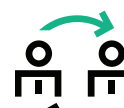
### Software-defined intelligence

Using template-driven, single-touch provisioning



### Unified API

A single line of code for your "Infrastructure as Code"



### Fluid resource pools

Effortlessly meeting changing application needs

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## Customer use cases

"We have a finite set of resources, and we are trying to provide the most impact to our researchers, our educators, and to the entrepreneurs that are on Hudson's campus. We do that with technology."

- HudsonAlpha



Porsche needed to ensure its business-critical apps remained highly available 24x7 and drive 100% accuracy of its business outcomes. The company chose HPE Synergy and HPE OneView to help them meet these goals.

- Porsche



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## Explore HPE OneView

[hpe.com/info/tryoneview](http://hpe.com/info/tryoneview)

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<sup>1</sup> HPE Labs internal testing, April 2017

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