

AVOID STORAGE SURPRISES

HPE Small Business Solutions for Hyperconverged Infrastructure

How can HCI help you recover after a server failure?

Microsoft Storage Spaces Direct begins repairing drives automatically and immediately.¹

VMware vSAN enables recovering protected data in less than five minutes.²

HPE SimpliVity includes built-in resiliency and ability to restore 1 TB VM in 60 seconds, guaranteed.³



ARE YOU PREPARED?

In the digital age, data is the most valuable asset of any company. But small and midsize businesses (SMBs) face unique challenges when it comes to data protection and disaster recovery. For starters, reliable storage with adequate capacity can be complex and expensive, putting it out of reach.

But asking yourself just a few questions will help you realize how important it is to safeguard access to your data. How safe is your data? Do you have a second copy stored elsewhere? If you lost access to your data, could you still run your business? Are you worried yet? Don't be.

With high availability enabled by software-defined storage, your data is protected from a server failure and can be recovered quickly—so you can get on with

your business. In the past, the cost and complexity of software-defined storage has made it more suitable for enterprises. But now, HPE Small Business Solutions for Hyperconverged Infrastructure (HCI) with either Microsoft Storage Spaces Direct or VMware vSAN™ give you software-defined storage that frees you from the cost and complexity of traditional storage arrays with low-cost, scalable storage that's simple to deploy, manage, and support.

Another HCI choice is HPE SimpliVity that provides business with simple intelligence and resiliency.

These solutions are suitable for SMBs and remote and branch offices (ROBOs) seeking better ways to deal with storage sprawl, or those that are already using SAN and looking for a simpler, less-costly way to deploy and manage storage to support modern workloads.

¹ Microsoft, "Deep Dive: The Storage Pool in Storage Spaces Direct," April 2019.

² VMware® blogs, "#StorageMinute: Why vSAN for Disaster Recovery?," August 2019.

³ HPE SimpliVity HyperGuarantee

Solution brief

Consume IT with predictability

You need affordable access to superior tech, but in a way that preserves cash and helps you be more efficient. [HPE Financial Services](#) makes it possible to consume IT with low monthly payments via flexible subscription options.

Easily evolve to hybrid cloud

HPE Small Business Solutions can be easily extended to hybrid cloud for additional disaster recovery options with cloud services from HPE Cloud Volumes, Microsoft Azure, or a managed service provider.

⁴ Based on external security firm conducting cybersecurity penetration testing of HPE Gen10 servers and three leading server competitors, September 2019.

⁵ Not part of the HPE Small Business Solutions portfolio, HPE SimpliVity is another choice for HCI from HPE.

Our solution partners



Make the right purchase decision.
Contact our presales specialists.



Chat



Email



Call



Get updates


**Hewlett Packard
Enterprise**

BETTER TOGETHER

HPE Small Business Solutions for HCI are a one-stop shop for ready-to-go solutions including hardware, software, services, and top-selling HPE ProLiant options. They're built on [HPE ProLiant Gen10 servers](#) that are tested, optimized, and validated for on-premises and hybrid cloud use cases with Windows Server 2019, HPE Cloud Volumes and Microsoft Azure Cloud Services. They're also designed to be low cost and make IT more accessible and easier to consume.

With HPE Small Business Solutions for HCI, the failure of a hard disk or even a server in the storage cluster will not take the storage volume offline. This means the solution can withstand the loss of one server in a two-node solution.

HPE ProLiant Gen10, powered by Intel®

Protect against attacks and quickly recover from downtime with built-in security features that make HPE ProLiant Gen10 the world's most secure industry-standard servers.⁴ Automated intelligence reduces the time and skills required for deployment and management, including HPE Rapid Setup, a simple, guided installation utility that reduces setup time and the chance of errors.

VMware vSAN

VMware vSAN and VMware vSphere® on HPE ProLiant servers provide a complete, integrated HCI platform without large up-front costs. Because internal server storage is used to create the vSAN datastore, there's no dependency on external shared storage. This further reduces up-front costs while providing plenty of capacity, reliability, and performance.

Microsoft Storage Spaces Direct

Microsoft Storage Spaces Direct uses locally attached drives to create highly available, highly scalable software-defined storage at a fraction of the cost of traditional SAN or NAS arrays. Together with HPE ProLiant

servers, powered by Intel, it creates a highly available storage solution with a smaller hardware and power footprint than a traditional SAN.

Microsoft Azure Stack HCI

HPE Small Business Solutions for Microsoft Azure Stack HCI are solution configurations based on the HPE ProLiant DL180 Gen10 server that have been tested, optimized, and validated with Storage Spaces Direct to deliver reliable, solid performance and high availability for HCI. You can also optionally connect to Azure Cloud Services and HPE Cloud Volumes for cloud-based backup, site recovery, and more.

HPE SimpliVity

HPE SimpliVity intelligently simplifies IT by collapsing the stack, helps mitigate data loss, and removes silos with built-in backup, resiliency, and disaster recovery (DR). Businesses gain ability to recover TB-sized VMs in 60 seconds or less. Mitigate ransomware risk by providing DR protection across primary and secondary sites.⁵

HPE Pointnext Services

[HPE Pointnext Services](#) can help you simplify operations and easily extend and educate IT staff, helping them do more with less. A variety of offerings like HPE Foundation Care and Education Services can help you reduce time spent on operational tasks while improving IT reliability—letting you focus on your business goals.

TAKE THE NEXT STEP

HPE Small Business Solutions for HCI lower the cost of accessing easy-to-use software-defined storage solutions with enterprise-grade security and availability. To learn more, contact your HPE or authorized partner representative.

LEARN MORE AT

hpe.com/info/smbolutions

© Copyright 2018–2020 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Intel and the Intel logo are trademarks of Intel Corporation in the U.S. and other countries. Azure, Microsoft, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. VMware vSAN, VMware vSphere, and VMware are registered trademarks or trademarks of VMware, Inc. and its subsidiaries in the United States and other jurisdictions. All third-party marks are property of their respective owners.

a00060455ENW, October 2020, Rev. 5