



Avoid storage surprises

HPE Small Business Solutions for High Availability Storage

Store more data, more securely and affordably, with software-defined storage for small to midsize businesses

140,000

hard drives fail in the U.S. each week.¹

29%

of hard drive failures are caused by accidents.¹

60%

of SMBs that lose their data will go out of business within six months.¹

58%

of SMBs are not prepared for data loss.¹



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.

Now ask yourself a few questions: 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 highly available software-defined storage, your data is protected from a hard drive 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 made it more suitable for enterprises. HPE Small Business Solutions for High Availability Storage give you software-defined storage to free you from the cost and complexity of traditional storage with low-cost, scalable storage that's simple to deploy, manage, and support.

The solution comes with either Microsoft® Storage Spaces Direct or VMware vSAN™ and is suitable for SMBs and remote offices/branch offices (ROBOs) seeking better ways to deal with storage sprawl, or those are already using SAN and looking for simpler, less costly way to deploy and manage storage to support modern workloads.

¹ Small Business Trends, "58 Percent of Small Businesses Not Prepared for Data Loss" April 2017.



How fast can I recover after a hard drive failure?

With HPE Small Business Solutions for High Availability Storage, failure of a hard disk or even a single 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.

Better together

Secure

- Unique, built-in security features—like silicon root of trust—make HPE ProLiant Gen10 the world's most secure industry-standard servers.²
- Microsoft Storage Spaces Direct (available through Windows Server® 2019 Datacenter edition) allows you to take advantage of Microsoft innovations and reduce security risks and disruptions.
- vSAN offers the industry's first native software-based, FIPS 140-2–validated hyperconverged infrastructure (HCI),³ data-at-rest encryption, 2-factor authentication (SecurID and CAC), and the first DISA-approved STIG for HCI.⁴

Simple

- HPE Small Business Solutions are ready-to-ship, validated configurations with value-added options.⁵
- HPE ProLiant servers, powered by Intel®, feature automated intelligence that reduces the time and skills required for server deployment and management.
- HPE is your single point of purchase, contact, and accountability for hardware and software support.⁶
- Storage Spaces Direct allows for smaller hardware and power footprint for a highly available virtualization storage solution than a traditional SAN.⁷
- vSAN is simple and automates time-consuming manual storage tasks. Easily configure and manage storage policies using the familiar and user-friendly VMware vSphere® Web Client.

- vSAN enables recovery of protected data in less than 5 minutes.⁸

Affordable

- HPE Subscription is a flexible option that packages best-in-class hardware, software, accessories, and services into a predictable monthly payment.
- Microsoft Storage Spaces Direct is included with Windows Server 2019 Datacenter edition.
- Microsoft Storage Spaces Direct and VMware vSAN allows granular scaling to avoid overprovisioning and overpaying for future needs.

HPE Pointnext services

HPE Pointnext has the expertise and experience to simplify operations and extend your IT staff, helping you innovate to keep ahead of risks. A variety of offerings—from advising on best practices and project-based engagements, to operational support services—keep your environment running efficiently and reliably.

Technology adoption is enhanced when users are trained and equipped to work with it. HPE Education Services offers a full range of training, including on-demand and virtual labs, instructor-led, and education consulting tailored to specific needs.

Take the next step

HPE Small Business Solutions for High Availability Storage 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/smb

² Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.

³ [vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vsan/vmware-vsan-datasheet.pdf](https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vsan/vmware-vsan-datasheet.pdf)

⁴ blogs.vmware.com/virtualblocks/2018/05/25/gdpr-compliance-security-encryption-hyperconverged-infrastructure-hci/

⁵ HPE SMB Offers are regionally released as "Smart Buy Express Offers" in the U.S. and Canada, "Top Value Offers" in Europe, and "Intelligent Buy Offers" in Asia Pacific and Japan.

⁶ Windows Server Reseller Option Kit (ROK) and VMware® subscriptions are sold and supported by HPE and authorized partners.

⁷ [Microsoft Storage Spaces Direct and Azure Stack HCI overview](https://www.microsoft.com/en-us/azure-stack/hci/overview)

⁸ Disaster recovery in VMs [vmware.com/products/vsphere/replication.html](https://www.vmware.com/products/vsphere/replication.html)

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