HPE STORAGE FOR MICROSOFT SHAREPOINT SERVER 2019
Microsoft SharePoint is collaboration platform software that lets organizations share and manage content, knowledge, and applications. It has an established track record and has been recognized as a leading content services platform by industry analysts. SharePoint empowers teamwork, enabling users to find information quickly and collaborate seamlessly across an organization.

SharePoint Server 2019, the latest version of the platform, offers improved collaboration and communication features, better mobile support, and an updated interface. As earlier versions approach end of support, many organizations are considering an upgrade to SharePoint 2019 as the easiest way to extend the life of the platform while improving the user experience and accessing greater benefits.

Upgrade your SharePoint environment on-premises to SharePoint Server 2019 to modernize your infrastructure and take advantage of the latest in content collaboration and portal technologies. Note that for older versions, upgrading may be a multi-phased process. Helpful online resources regarding the upgrade process include the “High level overview to upgrade from SharePoint 2013 to SharePoint Server 2019” published by Microsoft. In addition, HPE Pointnext Services has considerable experience with Microsoft Windows, SharePoint, and other Microsoft workloads and related technologies.

Microsoft has published a list of all the new and improved features in SharePoint Server 2019, along with information on the key differences between SharePoint 2016 and 2019 and the new development capabilities that ship with SharePoint 2019.

Key reasons why customers are upgrading to SharePoint Server 2019 on-premises:

- **Administrative control**—Continued richness in administrative features compared to SharePoint 2016 or an online version, including updated PowerShell features, new APIs for internet information services integration, as well as updated health analyzer and hybrid scenarios support.

- **Hybrid cloud enabled**—For companies following a “cloud first” strategy, SharePoint supports integration with the cloud via use in a hybrid mode. Organizations can enjoy both control of their data on-premises while also leveraging valuable cloud-based capabilities such as Microsoft OneDrive.

- **No costly migrations**—Many organizations either have on-premises content that is too unconventional to migrate, or have invested in customizations that would be lost in a migration to the cloud. In addition, migrations can expose data to new and unexpected areas of risk.

- **Easiest means to extend supported platform life**—Stop worrying about end-of-life issues and increased costs for extended support. Upgrades using the established “database attach” method can easily copy the content and service application databases while users continue to have undisrupted access to their information.

For details on what is involved in this migration, Microsoft published the specific steps for upgrading to SharePoint 2019 on a single webpage titled “Overview of the upgrade process to SharePoint Server 2019.”

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1. Gartner Magic Quadrant for Content Services Platforms, October 2019
2. SharePoint 2010 mainstream support ends April 13, 2021; SharePoint 2013 mainstream support ended April 10, 2018; extended support ends April 11, 2023; SharePoint 2016 mainstream support ends July 13, 2021, extended support ends July 14, 2026
3. New and improved features in SharePoint Server 2019
THE SHAREPOINT EXPERIENCE AT HPE

HPE has served a large SharePoint customer base for many years. The SharePoint workload has been a top application used on HPE enterprise storage arrays. Along with data storage products that have the performance and availability characteristics that are ideal for SharePoint, HPE also has server products, networking, and professional services that combine to make a complete solution for enterprise customers who rely on SharePoint as a business-critical workload.

What kind of companies continue to run SharePoint on-premises? Here are some profiles of typical companies that are in the process of making the move to an upgraded SharePoint environment:

- **Large state regulatory commission**—This public agency has broad and vital responsibilities for regulating utilities, insurance, financial institutions, retailers, and even railroads. They need to ensure the efficiency of their employees and can’t afford downtime or lost data, with so much at stake legally, economically, and in terms of impact to citizens. This customer’s CIO has been in reviews with HPE on their SharePoint effort. The deployment will be on enterprise-class HPE 3PAR 8000 arrays along with HPE professional services.

- **European Contract Research Organization (CRO)**—This leading full-service global firm provides outsourced medical research services. They have the strategic need to make sure client studies remain on time and on budget. They need a platform that maximizes workers’ ability to share data, communicate, and collaborate. They are considering a SharePoint solution with high-performance all-flash storage: HPE Nimble Storage AF20 storage arrays with HPE ProLiant DL380 Gen10 servers. They can also realize savings in the deployment by leveraging their existing expertise in managing HPE Nimble Storage.

- **Nonprofit organization**—This firm has a widely distributed outreach staff and volunteers who help immigrants and refugees succeed in professional careers. They need a content platform that allows active collaboration with data sets in a user-friendly environment. They also must keep within strict budget guidelines. Because they are a nonprofit, they will strongly weigh the total deployed cost. To meet their objectives, they are considering a cost-effective yet high-performing SharePoint solution built on HPE Nimble Storage hybrid arrays.

HPE STORAGE WITH MICROSOFT SHAREPOINT SOLUTION

HPE Storage provides an optimal data storage platform for SharePoint Server 2019.

Customers who are new to HPE Storage will discover the world’s most intelligent storage built for a hybrid cloud world that helps unlock the full potential of organizational data. The HPE Intelligent Data Storage Platform delivers AI-driven, game-changing results.

A SharePoint solution built on HPE can combine the leading technology components available on the market today. The solution is available through authorized HPE partners as well as directly from HPE. A typical solution includes:

- Microsoft SharePoint Server 2019
- Microsoft Windows Server 2019 operating system
- HPE ProLiant DL380 Gen10 servers
- HPE Storage arrays
  - HPE Nimble Storage for Tier 1 enterprise storage with radically simplified operations. It could also include HPE Primera Storage for larger customers needing 100% guaranteed availability or HPE MSA Storage for mid-sized companies and those seeking flash-enabled storage for any budget.
- HPE Pointnext Services
  - Including HPE Pointnext Services or HPE GreenLake to convert the solution into an “as-a-service” offering.

4 HPE Storage Substantiation
Microsoft and HPE have a long-lasting partnership of more than 30 years, over which time HPE has been intensively testing and optimizing Microsoft business software on HPE hardware platforms.

The combination of HPE products as part of a SharePoint solution allows organizations to realize a uniquely sophisticated architecture capable of satisfying enterprise needs for performance and availability, while meeting a range of budgetary requirements.

This HPE Storage with Microsoft SharePoint solution is one of a range of HPE Storage solutions for Microsoft workloads including solutions for Microsoft Windows, Microsoft Exchange, Microsoft SQL Server, Microsoft Azure Stack HCI, Microsoft Azure Stack Hub, and others.

**GET STARTED**

You can run Microsoft SharePoint Server on HPE Storage today.

HPE Storage provides extreme performance, high availability, and intelligent self-management for your SharePoint workloads and any Microsoft business applications.

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