

THE POWER OF AZURE IN YOUR DATA CENTER

HPE ProLiant for Microsoft Azure Stack Hub

HPE ProLiant for Microsoft Azure Stack Hub difference: Simplicity, expertise, and affordability

Delivering an [Azure hybrid cloud](#) requires more than just providing services. You need to ensure you have the right strategy.

Hewlett Packard Enterprise offers a broad range of services and products to help you ensure your Azure hybrid cloud is delivering on its promises.

The HPE simplicity

HPE ProLiant for Microsoft Azure Stack Hub is a complete hybrid cloud solution with consulting, application assessment, operational, support, and training services available to deliver agility, simplicity, and reduced cost to your data center.

The HPE expertise

Deploy with confidence with over 4000 Azure and hybrid cloud experts to support you along the way.

- Microsoft Azure Advisory Workshop
- Application Suitability and Rationalization Services
- Operational Readiness Services
- Cloud-Native Development and Operations Services
- Training Services

Services from HPE Pointnext Services

- HPE GreenLake
- HPE Proactive Care
- HPE Datacenter Care

DEPLOY THE RIGHT MIX OF AZURE CLOUD TECHNOLOGIES—IAAS/PAAS

More IT services, faster

Organizations today are turning to [hybrid cloud](#) strategies that include both private and public clouds to reduce cost and increase flexibility. Since 2008, Microsoft Azure public cloud services have enabled businesses to move faster and achieve more. However, business and technical considerations—including regulatory compliance, data sovereignty, security, cost, and latency issues—have caused many companies to avoid public clouds.

Today, [Microsoft Azure Stack Hub](#) enables IT organizations to provide the benefits of Azure public cloud—agility and scalability—with the control, performance, and security of the on-premises data center.

Azure goes hybrid

Co-engineered by Hewlett Packard Enterprise and Microsoft, the [HPE ProLiant for Microsoft Azure Stack Hub solution](#) provides businesses with an Azure hybrid cloud platform in their own data center that is fully compatible with Azure public cloud services. This [hybrid cloud solution](#) delivers the speed, agility, and simplicity of a public cloud, combined with the cost-effectiveness and security of a powerful on-premises private cloud. Adding to the benefits is consistency with Microsoft Azure public cloud services.

Maximize IT agility and reduce implementation risk

HPE ProLiant for Microsoft Azure Stack Hub is a fully integrated system that delivers Azure-compatible, software-defined infrastructure as a service (IaaS) and platform as a service (PaaS) on HPE hardware. It has been validated to provide a robust customer experience. This means you can transform on-premises data center resources in a hybrid cloud environment or build your own

on-premises private cloud services—which provides more agility to leverage applications designed and built for the cloud.

Users can quickly provision and scale services with the same self-service experience as Azure. For example, Microsoft Azure Stack Hub accelerates DevOps by providing a rich Azure ecosystem of resources. Application developers can maximize their productivity using a **write-once, deploy to Azure or Azure Stack Hub** approach. Using APIs that are identical between the public and private Microsoft Azure offerings. You can create applications based on your choices of open source or .NET technology.

HPE and Microsoft—a strategic cloud partnership

For more than 30 years, Hewlett Packard Enterprise and Microsoft have shared a successful partnership. In December 2015, we extended our relationship by announcing a 3-year collaboration to advance innovation in hybrid cloud computing through Microsoft Azure and HPE infrastructure, as well as private and managed cloud solutions. This collaboration helps our customers accelerate and simplify their journey to the cloud.

Unmatched capabilities for Microsoft Azure

Today HPE ProLiant for Microsoft Azure Stack Hub is the only solution offering in the market with:

- Broadest configuration options with choice in processor type, memory, storage capacity, incremental node scaling, as well as support for third-party networking switches, power supplies, and rack options, ensuring the solution will fit seamlessly into your existing environment
- Investment optimization with clusters sized in single node increments instead of four-node increments, like most competitive offerings in the market, that results in overprovisioning and unnecessary cost

Solution brief

4000+

HPE Pointnext Services professionals have the expertise to design and deploy the HPE ProLiant for Microsoft Azure Stack Hub solution

120,000

new Azure customer subscriptions per month¹

715

million users are currently on the Azure Active Directory²

85%

of Fortune 500 companies use Microsoft cloud³

^{1, 2, 3} Keynote at Channel Partners Conference & Expo, Las Vegas, Microsoft Evangelist Rokeya Jones, April 11, 2017

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**Hewlett Packard
Enterprise**

- Unified billing and pay-as-you-go pricing for Microsoft Azure and Azure Stack Hub Services. With HPE GreenLake, you can instantly scale up or down and manage usage with one contract, one invoice, and one portal

Implement Azure-based cloud services in your data center

Use the same management and automation services to access Azure public and private cloud services from a single console enabling IT to provide a single vendor experience for the entire Azure Stack Hub environment with HPE infrastructure.

The operational readiness services available from [HPE Pointnext Services](#) and [partners](#) ensure that the HPE ProLiant for Microsoft Azure Stack Hub solution is fully integrated with your data center environment and processes (e.g., identity and access, backup, disaster recovery, etc.). This means that the solution conforms to your security controls with consistent policies, unified security, and event management across Azure hybrid cloud and traditional IT.

A true hybrid cloud with portability

The HPE ProLiant for Microsoft Azure Stack Hub solution offers the architectural flexibility to optimize cost and meet SLAs by delivering IaaS and PaaS capability to run virtualized and cloud-native apps at cloud scale using a single management model. Applications can be developed, deployed, and ported between Azure Stack Hub private cloud and Azure public cloud to meet changing business needs. For example, organizations that need geographically distributed data centers with global redundancy for hosting public-facing cloud apps can leverage Azure public cloud. While for dev/test, they may require variable capacity in a few specific locations to complete different development phases, such as code compilation and processing. The solution provides complete control over the physical location and reallocation of capacity with just a few clicks in addition to seamless workload migration across Azure hybrid cloud.

Additionally, the ProLiant DL380 server, known for industry-leading energy efficiency, further improves your ROI.

Move to the cloud with confidence

Microsoft is the second largest cloud provider by market share and it offers a broad set of IaaS and PaaS services through Azure while Hewlett Packard Enterprise and its partners provide implementation, consulting, and education services to assist with adoption, design, and usage. This lets you select your right mix of hybrid cloud across private and public clouds, and traditional IT.

HPE Pointnext Services for Azure hybrid cloud

HPE Pointnext Services and partners can help you develop and execute your strategy for your cloud with confidence. Backed by the global expertise and deep Microsoft experience, Hewlett Packard Enterprise and partners can help you prepare for your implementation with Azure using our proven methodology to accelerate business results and reduce risks as well as missteps. Microsoft Azure Advisory Workshop and Proof of Concept (POC) is a great way to start.

Microsoft Azure Advisory Workshop

During the multiday workshop, we will review business objectives, current strategies around virtualization and cloud, IT organizational structure, and intended workloads to be moved to a Microsoft Azure hybrid cloud solution. This could be either on Microsoft Azure public cloud or Azure Stack Hub private cloud. Hewlett Packard Enterprise is building a portfolio of solutions associated with Microsoft cloud technologies. These services can be combined to form a true hybrid cloud solution, or used individually for satisfying customer requirements. Additionally, you can start with a POC to plan, build, and configure a test use case including database as a service (DBaaS), SQL IaaS, multi-tier PaaS, or dev/test.

Go hybrid, get more

Contact your HPE representative today to learn more about the HPE ProLiant for Microsoft Azure Stack Hub solution, delivering the power of the Azure public cloud to your on-premises data center.

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