

Brochure

# HPE Microsoft Azure Hybrid Cloud

Deliver secure, easy-to-manage Azure-consistent services from your data center



**Hewlett Packard**  
Enterprise

# > 85%

of Fortune 500 companies use  
Microsoft Cloud

## Hybrid (is more than just) IT

For digital enterprises, finding the right mix of hybrid IT is critical to reducing costs and increasing flexibility. But hybrid environments are more than just a collection of IT parts. Hewlett Packard Enterprise provides an expert, end-to-end experience for Microsoft® Azure hybrid cloud environments—including defining and deploying the right infrastructure, management, security, and support.



HPE-Microsoft partnership



Professional Services  
4,000 HPE-Microsoft experts



Global HPE-Microsoft  
Centers of Excellence



Joint R&D

### Hybrid IT the way it was meant to be

Enterprises are responding to the need to increase flexibility and reduce costs by exploring hybrid infrastructures that include private and public cloud alongside traditional IT. And as you look to implement hybrid cloud, optimizing the cost reductions and flexibility of this new delivery model are important considerations.

Many digital enterprises are already using Microsoft Azure for public cloud services and would like to host Azure services within their data centers for performance, security, and compliance reasons. At the same time, service providers would like to offer Azure-consistent public cloud services that complement Azure public cloud services for data sovereignty, industry-focused, or other targeted services.

Hewlett Packard Enterprise is helping you make this transformation to an Azure hybrid cloud, as part of the **HPE Right Mix strategy**. This strategy encompasses:

- Expertise to help you define your right mix of traditional IT, private and public cloud, to fuel the unique apps and services needs of your enterprise.
- Evolve your IT infrastructure to a flexible, cost optimized, hybrid environment that powers your current and future IT services.
- Optimize your IT operations with automation and orchestration for managing, securing, and continuously delivering across your hybrid environment.

HPE is partnering with Microsoft to enable enterprises to deliver their right mix of on- and off-premises Azure services with security, operations management, pay-as-you-go pricing and the expertise of 4,000 professional to provide unmatched flexibility and cost savings for enterprise workloads. We can help you determine the right mix of Azure public and hybrid cloud services, and efficiently manage multi-cloud environments that include Azure and other cloud platforms such as Amazon Web Services (AWS), VMware®, and OpenStack®.

#### Microsoft Azure Stack

Get the power of Azure in your data center with Microsoft's new hybrid cloud platform. It lets you deliver Azure services from your own datacenter for true hybrid cloud agility.

#### Windows® Azure Pack

Enable Microsoft-Azure consistent experiences and services with a collection of Microsoft Azure technologies—available to Microsoft customers at no additional cost.

### Enterprise-class Azure hybrid cloud from Hewlett Packard Enterprise

Get ready to experience Azure hybrid cloud services with unmatched security, management, and expertise. Hewlett Packard Enterprise offerings for Azure hybrid cloud uniquely provide unified operations and security management, security for data, applications, and services, and pay-as-you-go pricing and unified billing. Our comprehensive solution offerings allow you to get the most out of your Azure hybrid cloud environment.

### HPE Azure hybrid cloud solutions offer unique capabilities

Only Azure hybrid cloud with an **analytics-driven, autonomous operations management** solution through a single pane of glass

Only Azure hybrid cloud with **data-centric security protection** for data traveling into and throughout your hybrid cloud

Only Azure hybrid cloud offering **unified security information and event management** with a single security management tool suite

Only Azure hybrid cloud solution with **pay-as-you-go** pricing and **unified billing**

Only Azure Stack hybrid cloud offering based on the **world's best-selling server**<sup>1</sup>

### Increase flexibility

- Deploy Azure-consistent services in your data center to meet security, compliance, and performance requirements.
- Access Azure public and hybrid cloud services through a single portal.
- Easily move applications between Azure public and hybrid clouds.
- Choose pay-as-you-go or upfront pricing options.
- Enjoy unified billing and usage management for Azure public and hybrid cloud services.

### Simplify IT operations

- Quickly deploy an integrated solution for **Azure Pack** based on the HPE Hyper Converged 250 for Microsoft CPS Standard.
- Plan for an integrated solution for Azure Stack based on the HPE ProLiant DL380, the world's most popular server.
- Get analytics-driven, autonomous operations management through a single pane of glass for Azure public cloud, hybrid cloud, and traditional IT.
- Support multi-cloud environments including Azure, AWS, VMware, and OpenStack.

### Secure your hybrid cloud services

- Protect your Azure services with unified security information and event monitoring for Azure public cloud, hybrid cloud, and traditional IT.
- Secure sensitive data traveling into and throughout the Azure hybrid cloud with advanced data encryption, tokenization, and key management for Azure services.

### Leverage technical expertise

- Leverage advisory and implementation consulting services for Azure hybrid cloud including security, workload migration, hybrid identity, backup and site recovery, and hybrid networking in addition to integrating Microsoft private cloud solutions.
- Expand IT's capacity for innovation by out-tasking monitoring and routine management for your Azure hybrid cloud.
- Enjoy global, enterprise-class support from a single vendor for Azure public and hybrid clouds.

## Built on a powerful foundation

Hewlett Packard Enterprise offerings for Azure hybrid cloud encompass an industry-exclusive combination of security, management, consulting, and support, on powerful x86 appliances and HPE software.

### HPE | Microsoft Azure Stack solution

Deliver Azure consistent cloud services from your data center with a pre-validated, factory-integrated solution that's optimized for Microsoft Azure Stack. This integrated solution allows you to easily move applications between Azure public cloud and Azure Stack running in your data center. Based on world's most popular server, HPE ProLiant DL380, the HPE | Microsoft Azure Stack solution is highly scalable platform, starting with a 4 node configuration.

### HPE Hyper Converged 250 System for Microsoft CPS Standard

Start your journey to an Azure hybrid cloud by delivering Microsoft Azure-consistent services. The **HPE Hyper Converged 250 System for Microsoft CPS Standard** is an Azure-consistent cloud-in-a-box, based on proven technology. This solution comes with a single point of support, fully automated patch and upgrade process, and software-defined data center technologies, for better economics.

<sup>1</sup> The HPE ProLiant DL380 Server, based on the Q2'15 IDC Server Tracker

Learn more at

[hpe.com/products/azurestack](https://hpe.com/products/azurestack)

[hpe.com/products/HC250CPS-S](https://hpe.com/products/HC250CPS-S)

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[hpe.com/flexiblecapacity](https://hpe.com/flexiblecapacity)

### **HPE Operations Bridge**

Simplify the management of your Azure hybrid cloud with **HPE Operations Bridge**. HPE Operations Bridge integrates with Microsoft System Center to provide automated availability, and performance monitoring, analytics remediation for Azure public and private cloud services, and includes tablet ready real-time dashboards for executive stakeholders

### **HPE SecureData**

Protect sensitive data in your Azure hybrid cloud with **HPE SecureData**. HPE SecureData protects data over its entire lifecycle—from the point at which it's captured, throughout its movement across your extended enterprise—without exposing information to high-risk, high-threat environments.

### **HPE Security ArcSight ESM**

Provide unified security monitoring for your Azure hybrid cloud with **HPE Security ArcSight ESM**. HPE Security ArcSight ESM combines event correlation and security analytics to identify and prioritize threats in real time so you can respond to and remediate them quickly.

### **HPE Helion Cloud Suite**

Manage your multi-cloud environment with **HPE Helion Cloud Suite**. HPE Helion Cloud Suite goes beyond the typical hybrid cloud management platform to deliver and manage a full spectrum of physical, virtual, open source, hybrid cloud, and multi-cloud environments for both traditional and cloud-native applications.

### **HPE advisory and consulting services for Azure**

HPE Advisory Services provides a variety of executive sessions, workshops, and assessments to help you navigate this complex process. These “discovery sessions” can be high-level and strategic or technical and industry-specific—depending on the desired outcomes.

### **HPE support services**

**HPE Proactive Care** offers an integrated set of reactive and proactive services designed to help you improve the stability and operation of your HPE solution, while **HPE Datacenter Care** brings a relationship-based approach to the support and management of heterogeneous data centers, with help to evolve your IT solutions. **HPE Datacenter Care Flexible Capacity** combines the benefits of public cloud with the control of on-premises IT by giving you access to scalable resources that are hosted in your own data center—with pay-per-use monthly service fees.



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