



Azure Stack HCI – Offering Overview



Azure Stack HCI

Azure Stack HCI is a hyper converged infrastructure (HCI) cluster solution that hosts virtualized Windows and Linux workloads and their storage in a hybrid environment that combines on-premises infrastructure with Azure cloud services. Azure Stack HCI is a world-class, integrated virtualization stack built on proven technologies that have already been deployed at scale, including Hyper-V, Storage Spaces Direct, and Azure-inspired SDN. It's part of the Azure Stack family, using the same software-defined compute, storage, and networking software as Azure Stack Hub

Azure Stack HCI is delivered as an Azure service and billed to an Azure subscription. Azure hybrid services enhance the cluster with capabilities such as cloud-based monitoring, Site Recovery, and VM backups, as well as a central view of all of your Azure Stack HCI deployments in the Azure portal. You can manage the cluster with your existing tools, including Windows Admin Center and PowerShell.



Why Azure Stack HCI?

There are many reasons customers choose Azure Stack HCI, including:

- It's familiar for Hyper-V and server admins, allowing them to leverage existing virtualization and storage concepts and skills.
- It works with existing data center processes and tools such as Microsoft System Center, Active Directory, Group Policy, and PowerShell scripting.
- It works with popular third-party backup, security, and monitoring tools.
- Flexible hardware choices allow customers to choose the vendor with the best service and support in their geography.
- Joint support between Microsoft and the hardware vendor improves the customer experience.
- Seamless, full-stack updates make it easy to stay current.



Use cases

- Branch of office and edge
- Virtual desktop infrastructure (VDI)
- High performance SQL Server
- Trusted enterprise virtualization
- Azure Kubernetes Service (AKS)
- Scale-out storage
- Disaster recovery for virtualized workloads
- Data center consolidation and modernization
- Run Azure services on-premises



Why Wipro?

- Wipro is rated as Leader in 2021 ISG Provider Lens™ Microsoft Ecosystem report across four quadrants: Managed Service Provider for Azure, O365 Integration, SAP on Azure, and SharePoint Integration
- Positioned as a 'Leader' by Everest in System Integrator (SI) Capabilities on Microsoft Azure PEAK Matrix® Assessment 2021
- Recognized as the 2021 Partner of the Year Award for Modernizing Applications; and Runner-up in the AI category
- Also received 2 Partner of the Year awards in Azure Category in 2020: Application Innovation and Data Estate Modernization
- Wipro is an Azure Expert Managed Service Provider (AEMSP) With 15 Gold Competencies and 9 Advanced Specializations across Azure, Business Applications, Modern Workplace and Security
- Wipro is also an active Partner for solutions listed in Microsoft commercial Marketplace. Currently, Wipro has 20+ IP Offers and 25+ consulting service offers in Azure and AppSource Marketplace.



Azure Stack HCI solution



Connect Remotely to Azure Services



Windows Admin Center UI



Windows Server VMs

On-premises Hyper-V



Linux Server VMs



Azure Kubernetes Service

Azure Stack HCI OS



Hyper-V



Storage Space Direct



Software-Defined Networking



Validated Partner Hardware

Each Azure Stack HCI cluster consists of 2 to 16 physical, validated servers. The cluster servers share common configuration and resources by leveraging Windows Server Failover Clustering feature.

Azure Stack HCI combines the following:

- Azure Stack HCI operating system
- Validated hardware from an OEM partner
- Azure hybrid services
- Windows Admin Center
- Hyper-V-based compute resources
- Storage Spaces Direct-based virtualized storage
- SDN-based virtualized networking using Network Controller (optional)

Using Azure Stack HCI and Windows Admin Center, you can create a hyper converged cluster that's easy to manage and uses Storage Spaces Direct for superior storage price-performance. This includes the option to stretch the cluster across sites and use automatic failover.

Azure integration benefits:

After you register your Azure Stack HCI cluster with Azure, you can use the Azure portal for:

- Monitoring: View all of your Azure Stack HCI clusters in a single, global view where you can group them by resource group and tag them.
- Billing: Pay for Azure Stack HCI through your Azure subscription.

Wipro Microsoft Credentials and Competencies



Dedicated Microsoft Practice

- 15,000+ trained, 2,500+ Azure consultants
- 1,522+ Microsoft Azure Certifications

Partner of the Year Awards

- 2021 – Modernizing Applications
- 2021 – AI (runners-up)
- 2020 – Data Estate Modernization
- 2020 – Application Innovation
- 2018 – Data & AI Innovation

Microsoft
Partner



2021 Partner of the Year Finalist
AI Award
2021 Partner of the Year Winner
Modernizing Applications Award

Microsoft Competencies

Microsoft
Partner

Gold Security

Microsoft
Partner

Gold Cloud Platform
Gold Datacenter
Azure Expert Managed Service Provider Program

Microsoft
Partner

Gold Data Platform
Gold Data Analytics

Microsoft
Partner

Gold DevOps
Gold Application Integration
Gold Application Development
Silver Cloud Business Applications

Microsoft
Partner

Gold Cloud Productivity
Gold Messaging
Gold Collaboration and Content
Silver Communications
Gold Windows and Devices

Microsoft
Partner

Gold Enterprise Resource Planning
Gold Project and Portfolio Management
Gold Small and Midmarket Cloud Solutions

Microsoft Advanced Specializations

Security

- Identity & Access Management
- Threat Protection
- Cloud Security

Azure

- Windows Server & SQL Migration to Microsoft Azure
- Linux & Open Source Database Migration to Azure
- Microsoft Windows Virtual Desktop
- Kubernetes on Microsoft Azure
- Analytics on Microsoft Azure
- SAP on Microsoft Azure

Gold
Microsoft
Partner



Azure
Expert
MSP



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**Thank you
for your time**