Tech Mahindra

Accelerate your Hybrid Cloud Journey with Tech Mahindra

Tech Mahindra is Certified Cloud Adoption Framework (CAF) Ready Partner, and our Azure Cloud offerings are aligned to CAF

Connected World.
Connected Experiences.

Gold
Microsoft Partner
Azure Expert MSP
Microsoft

Advance Kubernetes Specialization
Windows & SQL Migration to Azure
Linux and Open Source Data Migration
Application Modernization

WHAT WE OFFER

Our portfolio of services incudes C-A-D-I-M-S

- Consulting / Strategy / Advisory
- Assessment , Design & Procure
- Deployment / Implementation & Configuration
- Integration with Public and Private Cloud
- Migration & Modernization
- Support Services

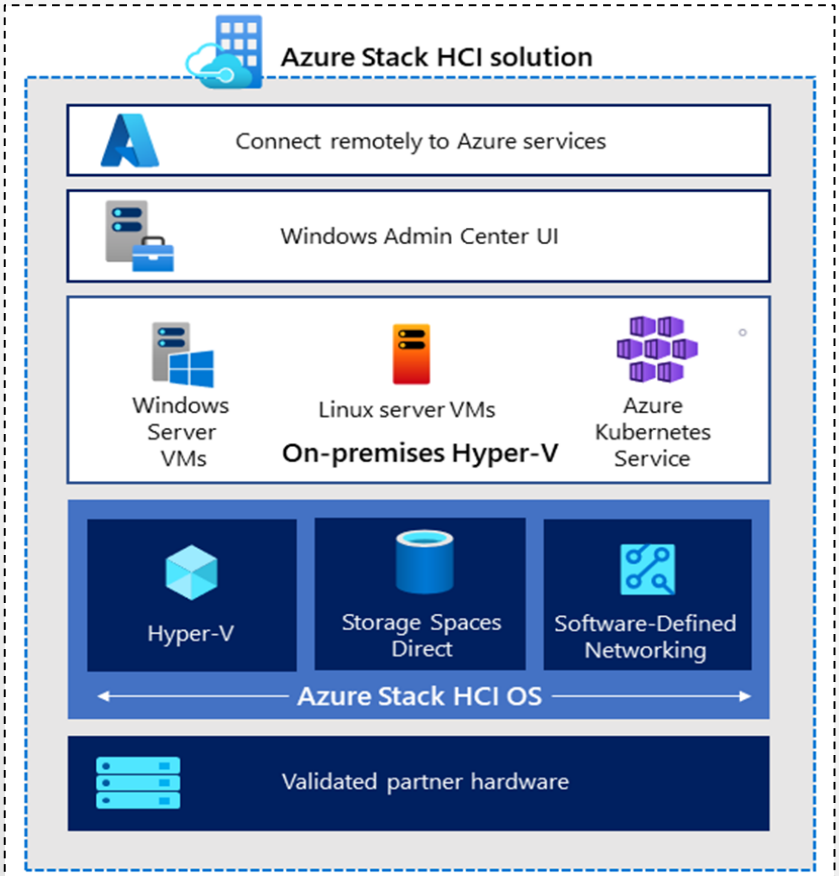
ABOUT TECH MAHINDRA'S AZURE HYBRID CLOUD OFFERINGS

Rated as '**Leader**' by leading analysts in the Cloud space, Tech Mahindra has successfully implemented large scale Azure transformational deals using our Agile-based Migration Delivery Methodology resulting in **3X faster business adoption**.

Hybrid is the way to go. At Tech Mahindra, we believe in a connected world and connected experiences.

What is Azure HCI ? Azure Stack HCI solutions are prebuilt and typically either preconfigured or bundled with simple configuration software .A new hyperconverged infrastructure (HCI) operating system delivered as an Azure service that provides the latest security, performance and feature updates in collaboration with hardware partners.

Early Adoption Program : Tech Mahindra enrolled and had invested in early adoption program to get insights on the development of the Azure HCI. Our team gets a firsthand information of happenings in the Azure HCI space to gain edge and provide the value to customers.



Our Differentiators and Accelerators

Passport NxT

Framework for a comprehensive Cloud Strategy & Advisory

mPAC™

A Hybrid Multi-Cloud Management Framework for an Accelerated Cloud Transformation

MAC

(Migration Accelerator to Cloud) toolkit for faster migration of applications to cloud

iCOPS

Platform for AI driven Cloud Subscription & Operations for guaranteed lower cloud spend

Be future-ready

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1,000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data-science tools.

Operate hybrid seamlessly

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single-identity platform trusted by 90% of enterprises globally.

Build on your terms

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.

Trust your cloud

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a $1B+ investment in security R&D and 3,500 cybersecurity experts, security is foundational for Azure.

See what Customers are saying

"Prudential Thailand, has recently proven that by combining the power of their partnership with Tech Mahindra, the acceleration of their cloud capabilities and the strategic know-how and support of their Prudential regional counterparts, they have not only closed the gap created by InsureTech but very well on their way of becoming a disruptor themselves".

"

Jennifer Villalobos - Chief Digital and Technology Officer Prudential Life Assurance (Thailand) PCL

Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

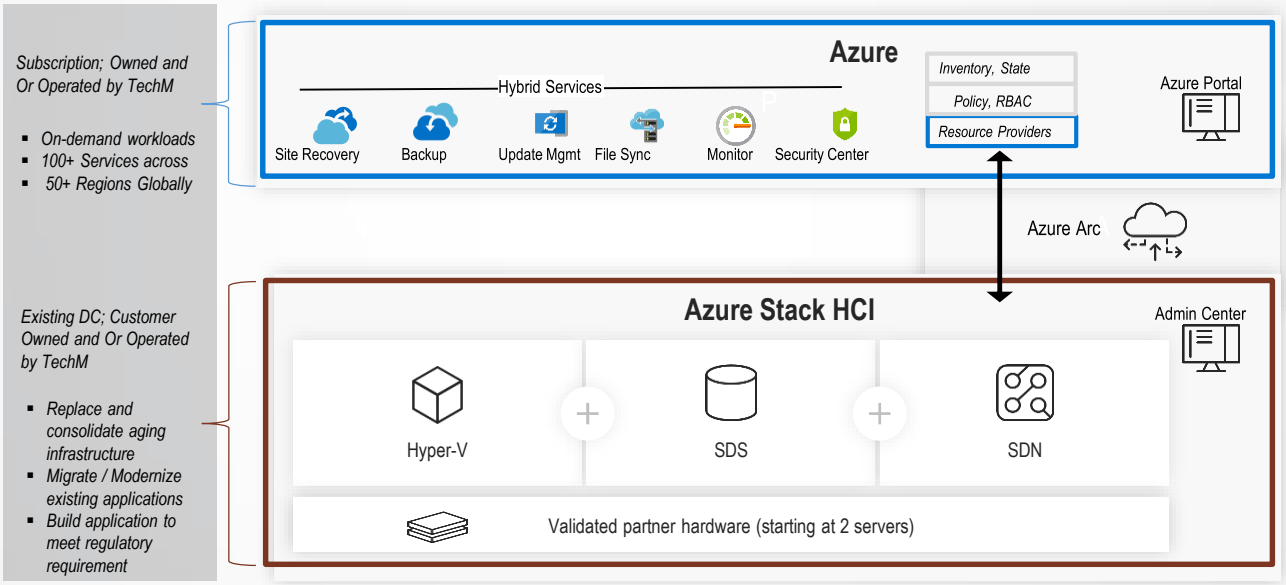
WWW.MICROSOFTAZURE.COM

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
- A flexible and broad ecosystem gives IT professionals the flexibility they need to build a solution that best meets their needs

Azure HCI Stack – Block Diagram



Azure Integration benefits

Azure Stack HCI allows you to take advantage of cloud and on-premises resources working together and natively monitor, secure, and back up to the cloud. Post registering , register your Azure Stack HCI cluster with Azure, you can use the Azure portal initially 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.
- You can also subscribe to additional Azure hybrid services.

Common Use Cases for Azure Stack HCI

USE CASE	DESCRIPTION
Branch office and edge	For branch office and edge workloads, you can minimize infrastructure costs by deploying two-node clusters with inexpensive witness options, such as Cloud Witness or a USB drive–based file share witness. Another factor that contributes to the lower cost of two-node clusters is support for switchless networking, which relies on crossover cable between cluster nodes instead of more expensive high-speed switches. Customers can also centrally view remote Azure Stack HCI deployments in the Azure portal. To learn more about this workload, see Deploy branch office and edge on Azure Stack HCI.
Virtual desktop infrastructure (VDI)	Azure Stack HCI clusters are well suited for large-scale VDI deployments with RDS or equivalent third-party offerings as the virtual desktop broker. Azure Stack HCI provides additional benefits by including centralized storage and enhanced security, which simplifies protecting user data and minimizes the risk of accidental or intentional data leaks. To learn more about this workload, see Deploy virtual desktop infrastructure (VDI) on Azure Stack HCI.
Highly performant SQL Server	Azure Stack HCI provides an additional layer of resiliency to highly available, mission-critical Always On availability groups-based deployments of SQL Server. This approach also offers extra benefits associated with the single-vendor approach, including simplified support and performance optimizations built into the underlying platform. To learn more about this workload, see Deploy SQL Server on Azure Stack HCI.
Trusted enterprise virtualization	Azure Stack HCI satisfies the trusted enterprise virtualization requirements through its built-in support for Virtualization-based Security (VBS). VBS relies on Hyper-V to implement the mechanism referred to as virtual secure mode, which forms a dedicated, isolated memory region within its guest VMs. By using programming techniques, it's possible to perform designated, security-sensitive operations in this dedicated memory region while blocking access to it from the host OS. This considerably limits potential vulnerability to kernel-based exploits. To learn more about this workload, see Deploy Trusted Enterprise Virtualization on Azure Stack HCI.
Azure Kubernetes Service (AKS)	You can leverage Azure Stack HCI to host container-based deployments, which increases workload density and resource usage efficiency. Azure Stack HCI also further enhances the agility and resiliency inherent to Azure Kubernetes deployments. Azure Stack HCI manages automatic failover of VMs serving as Kubernetes cluster nodes in case of a localized failure of the underlying physical components. This supplements the high availability built into Kubernetes, which automatically restarts failed containers on either the same or another VM. To learn more about this workload, see What is Azure Kubernetes Service on Azure Stack HCI?.
Scale-out storage	Storage Spaces Direct is a core technology of Azure Stack HCI that uses industry-standard servers with locally attached drives to offer high availability, performance, and scalability. Using Storage Spaces Direct results in significant cost reductions compared with competing offers based on storage area network (SAN) or network-attached storage (NAS) technologies. These benefits result from an innovative design and a wide range of enhancements, such as persistent read/write cache drives, mirror-accelerated parity, nested resiliency, and deduplication.
Disaster recovery for virtualized workloads	An Azure Stack HCI stretched cluster provides automatic failover of virtualized workloads to a secondary site following a primary site failure. Synchronous replication ensures crash consistency of VM disks.
Data center consolidation and modernization	Refreshing and consolidating aging virtualization hosts with Azure Stack HCI can improve scalability and make your environment easier to manage and secure. It's also an opportunity to retire legacy SAN storage to reduce footprint and total cost of ownership. Operations and systems administration are simplified with unified tools and interfaces and a single point of support.