

Azure Stack HCI

Flexible hyperconverged infrastructure delivered as an Azure Hybrid service

Azure Stack HCI is a new hyperconverged infrastructure host platform from Microsoft delivered as an Azure service providing the latest security, performance, and feature updates.

Deploy Azure Stack HCI on your choice of server hardware and run Windows and Linux virtual machines in your datacenter or at the edge leveraging your existing tools, processes, and skillsets. Extend your datacenter to the cloud with capabilities such as Azure Backup, Azure Monitor, and Azure Security Center.

Azure hybrid by design. Extend your datacenter to the cloud and manage Azure Stack HCI host, VMs, and Azure resources side by side right from the Azure Portal. Make it hybrid by seamlessly connecting to Azure services such as Azure Backup, Azure Security Center, and Azure Site Recovery. As an Azure subscription, get regular and consistent feature and security updates for USD \$10 per physical core per month. Leverage your Azure support plan and get unified Azure billing. All your learned Windows Server and Hyper-V skills can be used to accelerate time to value.

Enterprise scale and great price performance. Modernize your infrastructure of aging servers and storage. Consolidate virtualized workloads and gain cloud efficiencies on-premises. Azure Stack HCI offers software defined compute, storage, and networking on a broad range of form factors and brands. Optimize your costs based on your needs with a flexible USD \$10 per physical core per month subscription with Extended Security Updates (ESU) for Windows Server 2008/R2 included at no extra cost. Achieve higher throughput with your demanding SQL Server workloads. Never lose your data with enterprise storage virtualization built in and disaster recovery through stretch clustering.

Familiar management and operations. Simplify your operations by leveraging an easy to manage solution that integrates with your environment and popular third-party solutions. With deployment GUI built in and the ability to leverage familiar Windows Server and Hyper-V skillsets, Azure Stack HCI is a great solution for IT Pros looking for the value of hyperconvergence. You will also benefit from automation since management tasks are completely scriptable using the popular, cross-platform Windows PowerShell framework.

Deployment flexibility. Select the deployment scenario that is best for your environment and choose from flexible hardware options, whether that means an appliance-like experience or a validated node solution from one of the 20 plus Microsoft hardware partners. Choose solutions optimized for specific technical use cases, available on a broad and comprehensive portfolio of x86 servers and hardware add-ons. Manage your solution from Azure or use your preferred, familiar management tools.

When to use Azure Stack HCI



Branch office and edge



Trusted enterprise virtualization



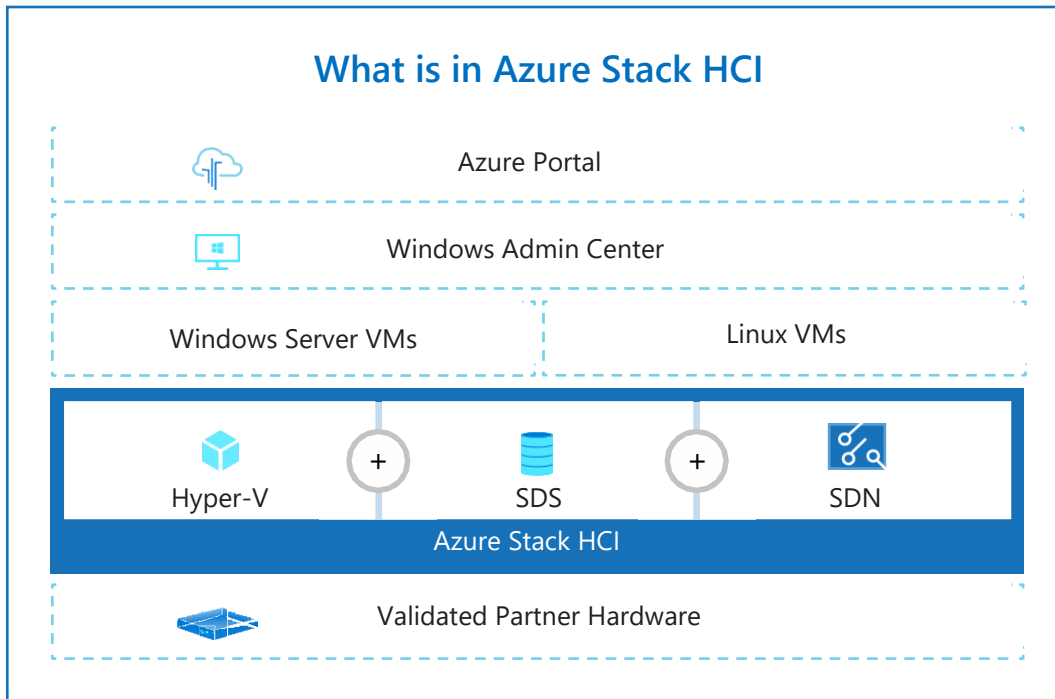
High-performance SQL Server



Virtual desktop infrastructure

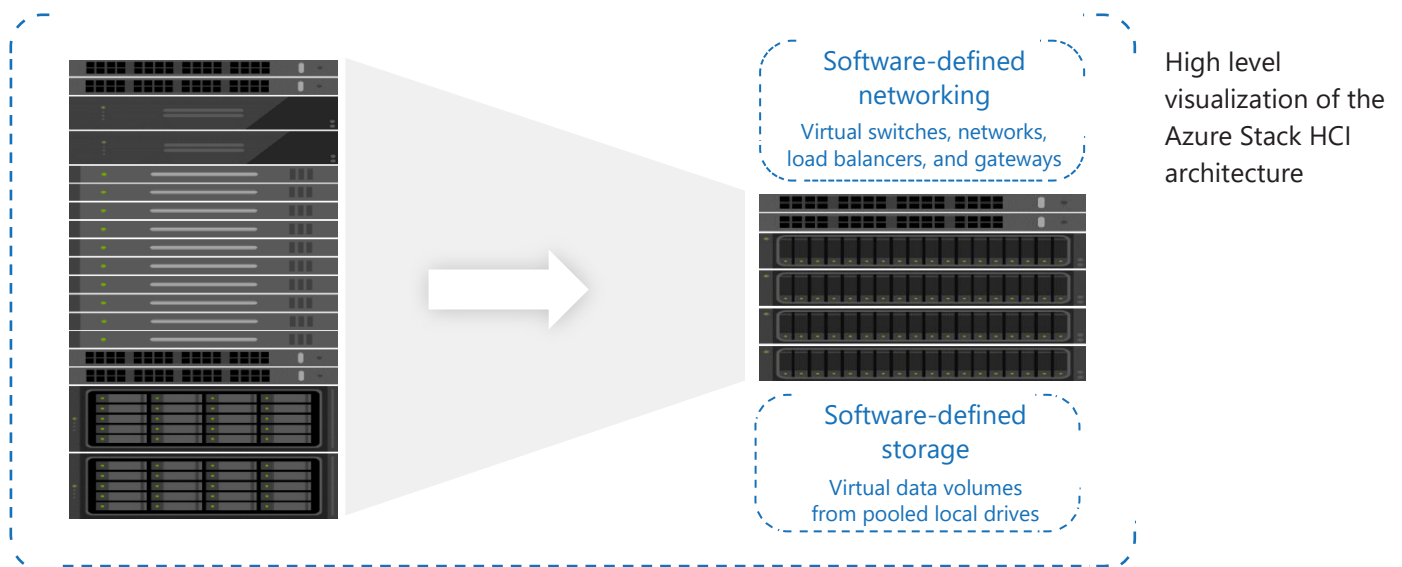


Tightly integrated Kubernetes



Why Azure Stack HCI

Azure Stack HCI improves performance and simplifies operations by leveraging the cloud to manage your on-prem resources, reducing costs with an integrated Azure subscription and reducing hardware footprint. Software-defined networking and software-defined storage are some of the key enablers for this, as seen in the image below.



The world of IT is undergoing constant change. To remain competitive, service providers and enterprises must keep up with the ever-growing complexity and massive speed of innovation. Azure Stack HCI from Microsoft is the next level of innovation in HCI.

Go to dataonstorage.com to learn about DataON solutions for Azure Stack HCI.

