

# DELL EMC INTEGRATED SYSTEM FOR MICROSOFT AZURE STACK HCI

Modernize and transform your operational experience



Flexible factor ready configurations to match use case or workload needs



Consume Azure Stack HCI as a service with regular feature and security updates



Streamlined deployment with sizing tools to reduce design and build times



Orchestrated end-to-end lifecycle management



Enterprise-class services expertise from mature market leader

Dell EMC Integrated System for Microsoft Azure Stack HCI delivers a cloud consumption experience on-premises while maintaining data security and full-stack lifecycle management. With simplified and automated operations customers can complete complex tasks in a fraction of the time and free IT organizations to focus on higher business value projects.

Dell EMC Integrated System for Microsoft Azure Stack HCI provides integrated deployment and full-stack automated end-to-end lifecycle management. This unique integration helps reduce manual steps of complex operational tasks by 82% and reduce the required maintenance window by 40%.\*



## Consume HCI as-a-Service

Organizations can now adopt Azure as an HCI as-a-Service experience with Azure Stack HCI. Through native and deep Azure integration, customers can leverage Azure resources both on-premises and in the public cloud, enjoying regular and consistent feature and security updates. With a single Azure portal, create and orchestrate HCI clusters at scale, easily.

Dell Technologies provides a metered payment solution for Dell EMC infrastructure that allows customers to scale up and down within the available buffer capacity and easily manage unpredictable growth, workload bursts, and temporary changes in IT infrastructure requirements. Along with the Azure subscription that allows customers to adopt which services they need and manage costs, Dell EMC Integrated System for Microsoft Azure Stack HCI provides a truly public cloud experience across the entire stack.

## Deliver Operational Efficiency

Dell EMC OpenManage Integration with Microsoft Windows Admin Center delivers full stack lifecycle management enabled by Cluster-Aware Updating. Updates to the Operating Systems, BIOS, firmware and drivers are all orchestrated through a consolidated update workflow and cause no interruption to workloads running in the VMs – all requiring only up to a single reboot per cluster node.

Automated cluster creation helps accelerate customers' time to value and reduce the risk of human error in the initial deployment process. The built-in disaster recovery with stretch clustering provides automatic failover to restore production quickly, and without the need for manual intervention, ensuring the system stays up and running.

## Flexible Configuration options

Dell Technologies offers multiple configuration options of hardware that have been validated and guaranteed to deliver the optimal balance of performance and capacity to address Azure Stack HCI technical use cases and workloads



	AX-640	AX-740xd
Use Cases	Performance and Density optimized	Performance and Storage optimized
Characteristics	<ul style="list-style-type: none"><li>Hybrid, All-Flash, All-NVMe***,</li><li>1U form factor</li><li>Best for workloads requiring balance of performance, cost and density</li></ul>	<ul style="list-style-type: none"><li>Hybrid, All-Flash, All-NVMe***</li><li>2U form factor</li><li>Best for workloads requiring storage dense configurations</li></ul>

\*\*\* Configurations with NVMe will be available 30 days after release to sale of Dell EMC Integrated System for Microsoft Azure Stack HCI

## Rely on Enterprise-class Expertise

Modernize your infrastructure with an all-in-one, validated HCI system that leverages an intelligently integrated foundation from Dell Technologies to deliver a simple but proven, enterprise-class deployment, maintenance and support experience. Dell Technologies is a proven, mature leader in the HCI market, and is #1 in HCI, Server and Microsoft solutions market.\*\* Customers benefit from our 30 years of partnership with Microsoft and co-located Dell Technologies engineers at Microsoft headquarters that allows us to spent thousands of person-hours engineering and validating joint solutions to provide you with the confidence and peace of mind that your HCI will be available where and how you need it.

## Services and Support

Dell Technologies makes services simple, flexible and worry free – from installation and configuration to comprehensive, single source support. Certified deployment engineers ensure accuracy and speed, reduce risk and downtime and free IT staff to work on those higher value priorities. And our one stop cluster level support covers the hardware, the operating system, hypervisor and Storage Spaces Direct software, whether you purchased your license from Dell EMC or Microsoft.

Engage with Dell Technologies outcome-oriented consultants to determine the right path forward that will best satisfy both short-term and long-range business objectives for your hybrid cloud. Dell Technologies Services can help organizations from start to finish and beyond, accelerating innovation and business growth.

\* Internal Dell Technologies lab review of OpenManage integration with Windows Admin Center. Taken from *Dell EMC Solutions for Microsoft Azure Stack HCI: Life Cycle Management Approach Comparison Benefits of Automating the Azure Stack HCI Hardware Update Process*, August 2020

\*\* IDC WW Quarterly Converged Systems Tracker, Vendor Revenue (US\$M) Q1 2020, June 18, 2020



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