DELLTechnologies

Extend your Microsoft Azure Cloud to on-premises

Dell Technologies Services for Microsoft Azure Stack Hub and Microsoft Azure Stack HCI

Essentials

Achieve your goals your Microsoft Azure Stack Hybrid Cloud

- Build a successful cloud operating model
- Deliver a cloud consumption experience on-premises
- Seamlessly extend applications and data to the cloud
- Write applications consistently and deploy anywhere

Innovate and Thrive in today's digital economy

Application innovation is not only needed to meet the demands of rising customer expectations, but also to drive business growth for a competitive edge. In order to provide an environment to foster innovation, organizations are embracing business initiatives, enabled by hybrid cloud platforms.

Be consistent – no matter where: Edge, Core, Cloud

Dell Technologies and Microsoft have partnered together to provide two comprehensive hybrid solutions that enable hybrid and edge computing applications to be built, deployed and run consistently across location boundaries, providing choice and flexibility to address your diverse workload needs: Dell EMC Integrated System for Microsoft Azure Stack Hub and Dell EMC Integrated System for Microsoft Azure Stack HCI.

If you are a new/existing Microsoft Azure customer looking to extend your hybrid cloud, partnering with Dell Technologies Services will help you reach your business goals for delivering a cloud consumption experience, on-premises.

Determine the right path for your business

These are disruptive times for many businesses and IT organizations, with multiple technology shifts happening simultaneously. Gaining consensus across key stakeholders to align on organizational goals and designing a plan that meets them is a foundational step towards success. Dell Technologies will help you align your cloud strategy to keep pace with business demands and gain IT leadership agreement on your strategic vision, guiding principles, issues and near-term priorities. With an actionable roadmap, a benefits analysis of current, future and transformational costs and suggested timeframes, you will be on your way towards building a successful cloud operating model.

If your business, like many other organizations relying on legacy applications, is finding it increasingly difficult to compete against organizations with agile application portfolios born in the cloud, maybe it's time to evaluate your portfolio. Dell Technologies Services can assist you with a comprehensive approach to your portfolio and will help you determine cloud suitability, best fit applications for modernization, application investment recommendations, ROI expected, and will identify any expected complexities to be mindful of during modernization efforts.

Ensuring your team is cloud ready is also crucial to success. Taking the time to identify the skills needed to support cloud goals and gauge readiness against these will provide opportunities to build around their strengths and allow for skill expansion with additional training.

Implement your cloud

Part of skills assessment of the new cloud is making sure your team understands how to best support an Azure Stack Hybrid Cloud including hardware, software and the cloud delivery model. Understanding the most important features of both Azure Stack Hub and Azure Stack HCI will give your team the confidence to recommend a plan for implementing business objectives

You might want to get a head start with an expert to work with you on areas most important to you. These can include someone skilled in implementing, managing and monitoring cloud platform architectures; application optimization including modernization; data analytics and data architecture; cloud native applications, architectures and DevOps methodologies, techniques and technologies.

Finally, you can identify applications that are a good fit for moving to Azure Stack with minimal changes and determine any dependencies they have, before the cloud is deployed. Understanding application dependencies will save you time and reduce risk when it comes time to migrate them.

Promote adoption and consumption of your cloud

Creating an environment where Azure Stack will be adopted and consumed is the next step in moving to a cloud operating model. From creating your as-a-Service catalog for automated delivery of cloud services, to identifying and implementing governance policies and creating plans for on-going maintenance of the different areas within the infrastructure. This is even more important if you are running Azure Stack at the EDGE in disconnected mode, utilizing Tactical Azure Stack for an example. Moving applications, data and workloads into the production environment begins to make the cloud real and gathering telemetry data to understand application performance and health pre-and post-migration will validate migration success and give you needed information to continually optimize resources.

Scale and fine-tune your cloud

Taking the steps to gauge whether your resources are meeting success metrics and being able to find-tune accordingly is key to ensuring the best cloud experience for your innovators, developers and others who are tasked with developing and supporting the cloud services that the business needs. Analyzing the data collected from your telemetry tools to review against success metrics can offer many insights:

- How applications are performing and meeting SLA's areas for optimization
- How employees are leveraging the cloud, highlighting areas to scale or deprovision resources
- How the the IT roadmap might need to change based on evolving cloud strategy and support of new opportunities

Take the next step in your path to Microsoft Azure Stack

Dell Technologies Services offers an extensive portfolio to empower your teams and help you realize your business outcomes for your Microsoft Azure Hybrid Cloud. Speed your path to productivity and extend your Microsoft Azure environment to on-premises and the Edge, delivering even more value to your business.

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