



THE CHALLENGE

The digital economy demands more immediate response to changing expectations, requiring businesses to adapt or risk being outmaneuvered by more nimble competitors.

THE SOLUTION

Dell EMC Cloud for Microsoft Azure Stack helps organizations become more agile and responsive through:

- Accelerated delivery of traditional enterprise and cloud-native applications
- Enhanced IT service delivery and improved business application creation and deployment
- Encrypted VMs against data theft anywhere within the cloud
- Backup and recovery technology tailor made for virtual environments and cloud
- Automated delivery of private and public cloud resources with confidence
- Application lifecycle automation for continuous, Azure consistent integration and deployment
- Empowered users via a self-service catalog, delivering on-demand IT resources
- Fully engineered hybrid cloud platform with full component lifecycle management and services

DELL EMC CLOUD FOR MICROSOFT AZURE STACK

Modernize. Innovate. Accelerate.

THRIVING IN TODAY'S' DIGITAL ECONOMY

Application innovation is not only driving business growth, but also enabling businesses to gain a competitive edge. Rising customer expectations are driving businesses to rapidly transform and innovate through applications built for the cloud. In order to meet these demands, organizations are embracing digital and IT transformation initiatives, enabled by hybrid cloud platforms.

Dell EMC, the pioneer of fully engineered hybrid cloud platforms, has years of successful experience in designing, testing, deploying, upgrading and supporting customers' cloud journeys. Dell EMC Cloud for Microsoft Azure Stack provides a fast and simple path to Microsoft Azure Stack for digital and IT transformation.

YOUR TRUSTED PATH TO DIGITAL AND IT TRANSFORMATION

Dell EMC Cloud for Microsoft Azure Stack is a hybrid cloud platform for delivering infrastructure and platform as a service with a consistent Azure experience on-premises and in the public cloud. Organizations can now build modern applications across hybrid cloud environments, balancing the right amount of flexibility and control.

Dell EMC Cloud for Microsoft Azure Stack is engineered with best in class hyper-converged infrastructure, networking, backup and encryption from Dell EMC, along with application development tools from Microsoft. It delivers enterprise-grade performance, resiliency and security including integrated deployment services from Dell EMC experts. Flexible consumption models make it easy to consume, while customers who purchase Dell EMC's CSP utility for Azure Public cloud receive one contact support from Dell EMC to reduce operational risk.

Modernize Your Business with IT Service Delivery

Dell EMC Cloud for Microsoft Azure Stack empowers businesses to automate IT service delivery for all apps within the Azure ecosystem. The platform delivers an automated, consistent experience across Azure and Azure Stack. Organizations can modernize business and IT service delivery through a self-service portal, while maintaining operational control. Choose add-on options delivered via a services engagement for data protection and encryption. Ensure application data is backed up and recoverable with Dell EMC industry leading data protection portfolio, tailor-made for virtual environments and the cloud. Secure applications with simple, self-service, policy enforceable VM encryption-as-a-service anywhere in Azure or Azure. Dell EMC Cloud for Microsoft Azure Stack makes it possible for customers to move to a hybrid cloud model with confidence.

Innovate with Cloud Native Applications

Dell EMC Cloud for Microsoft Azure Stack was purpose built with cloud-native apps in mind allowing organizations to digitally transform their business and facilitate cross functional development and collaboration.

Once a customer understands how to use the tools within Azure public cloud, they know how to use Azure Stack as well. A simplified toolkit is always available for Microsoft and third party development tools and services you're already familiar with such as Visual Studio, .NET, Java, Python, Ruby, PowerShell and more. Dell EMC Cloud for Microsoft Azure Stack enables customers to innovate using one Azure ecosystem with identical tools for users/developers and IT operations teams, all managed with a consistent experience.

Accelerate Azure Stack Adoption with Confidence

With Dell EMC Cloud for Microsoft Azure Stack, you can bring the power of Azure into your data center, behind your firewall – engineered, tested, delivered, serviced and supported by Dell EMC. It reduces complexity and helps you accelerate your hybrid cloud adoption with confidence. This frees your resources to focus on adding value to the business while Dell EMC reduces risk by managing the component lifecycle for the entire hybrid cloud platform.

Hardware Configuration

Configurations	Low Capacity	Mid Capacity	High Capacity
Processor	Model 5118 - 12 core 2.3Ghz	Model 6130- 16 core 2.1Ghz	Model 8160 - 24 core 2.1Ghz
Memory	384 GB	576GB	768B
Cache	6 x 960/800GB SSD = ~5.7TB SAS	6x.1.6/1.92TB SSD = ~11.5TB SAS	6x1.6/1.92TB SSD= ~11.5TB SAS
Storage (HDD)	10 x 4TB = 40TB	10x8TB=80TB	10X10TB=100TB
TORs	2x Dell Networking S4048 10GbE/1x Dell Networking S3048 1GbE		
Network Adapter	Mellanox Connectx-4 Dual Port NDC		
Border Switch	NA		
Management Node	Dell PE R640 (At least 16C, 128GB Mem, OS+ Data 2 x 1920GB 2.5" MU SSD)		

TAKE THE NEXT STEP

Dell EMC Services offers a portfolio of consulting engagements to accelerate your hybrid cloud initiatives. Our services for Microsoft Azure will help customers implement and integrate Azure Stack into their existing environments. We can help you clarify your infrastructure, application and operational priorities to implement and integrate the Dell EMC Cloud for Microsoft Azure Stack into your environment. We can speed your path to productivity with deployment and integration services and ultimately help you expand your Microsoft Azure environment to deliver even more value to your business.

CONTACT US

To learn more, contact your local representative or authorized reseller.

Contact your Dell EMC sales representative to learn more about Dell EMC Cloud for Microsoft Azure Stack and how it can benefit your organization.

