



MICROSOFT | EQUINIX | DELL EMC

HYBRID CLOUD PLATFORM FOR MICROSOFT AZURE STACK

SOLUTION BRIEF



Delivering exceptional value through hybrid cloud innovation

Azure Stack features a fully-configured system for rapid deployment. Improve customer satisfaction and increase Azure cloud utilization with reduced risk, increased security and predictable application performance.

Benefits

Azure Stack business value

Azure Stack is designed to transform and modernize delivery of business applications using flexible on- and off-premises assets. It is deployed through an integrated, converged infrastructure system that reduces time to market for applications and workloads that bring value to your business.

Deliver a high-performance hybrid cloud

The Microsoft | Equinix | Dell EMC Azure Stack Business Solution is ideal for rapidly implementing a hybrid cloud environment.

Applications and workloads operating in a hybrid cloud are optimized for business needs with a blend of on-premises and cloud-based systems with:

- Superior application performance and user experience
- Localized data for privacy and compliance
- Increased security via tighter network controls

Key Features:

Equinix Performance Hub™: Rich WAN node extensions deployed to gain proximity to networks, Microsoft Azure and end users.

Benefits:

- Performance: low latency, faster access to applications
- Network: predictability, reduced complexity
- Cloud-ready: global direct connection to Microsoft Azure

Equinix Cloud Exchange Fabric™: an advanced interconnection solution that enables seamless, on-demand and direct access to cloud services such as Microsoft Azure & Office 365.

Benefits:

- Automated, near real-time provisioning
- Increased security
- Consistent throughput and low latency
- Cost-effective
- Flexible connectivity options

Dell EMC Cloud for Microsoft Azure Stack

With an optimized hybrid cloud solution for Azure, Dell EMC delivers flexibility and choice in a compact 4U form factor. According to Microsoft, 75% of enterprise and mid-market companies prefer hybrid cloud deployment¹. Dell EMC and Equinix enable fast deployment and multicloud connectivity.

Built on award-winning Dell PowerEdge R730XD servers, this solution is a validated, pre-engineered solution based on proven integration methodologies.

Solution architecture

The Microsoft | Equinix | Dell EMC Azure Stack Business Solution was developed specifically for service providers, systems integrators and enterprises.

The solution is deployed in an Equinix International Business Exchange™ (IBX®) data center. Microsoft and Equinix have developed a standard, repeatable process that directly and privately integrates the Dell EMC components with Microsoft Azure ExpressRoute and Equinix.

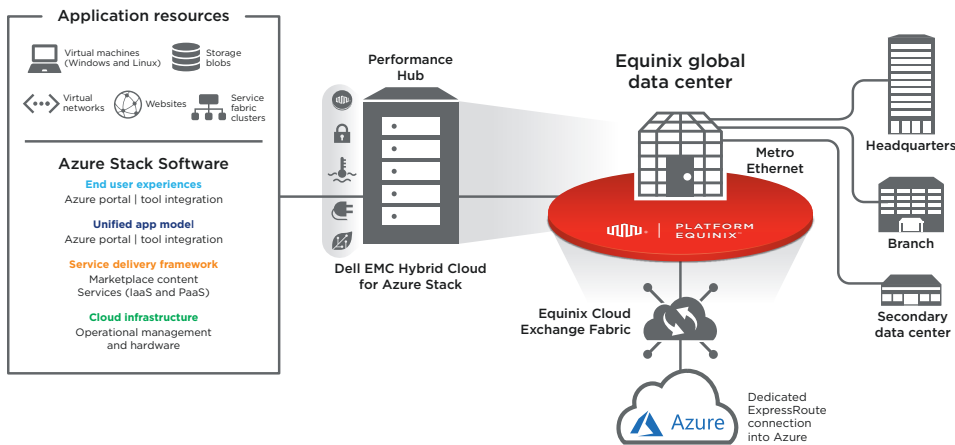
Solution components and Equinix Cloud Exchange Fabric

The Microsoft | Equinix | Dell EMC Azure Stack Business Solution is offered in three integrated configurations: 4-, 8- or 12-node Azure Stack systems.

Solution components include:

- Protected, diverse AC power
- Equinix Performance Hub™ cabinet
- Cloud Exchange™ ports: 1Gb or 10Gb
- Dedicated Microsoft ExpressRoute access
- Ethernet WAN and/or internet access ports
- Dell EMC PowerEdge R730XD server
- Dell EMC Storage Spaces supporting Microsoft SDS
- Dell EMC PowerConnect network fabric
- Dell EMC OpenManage automated configuration, management and maintenance tools

¹ Microsoft report: State of the hybrid cloud 2017 (<https://info.microsoft.com/state-of-the-hybrid-cloud.html>)



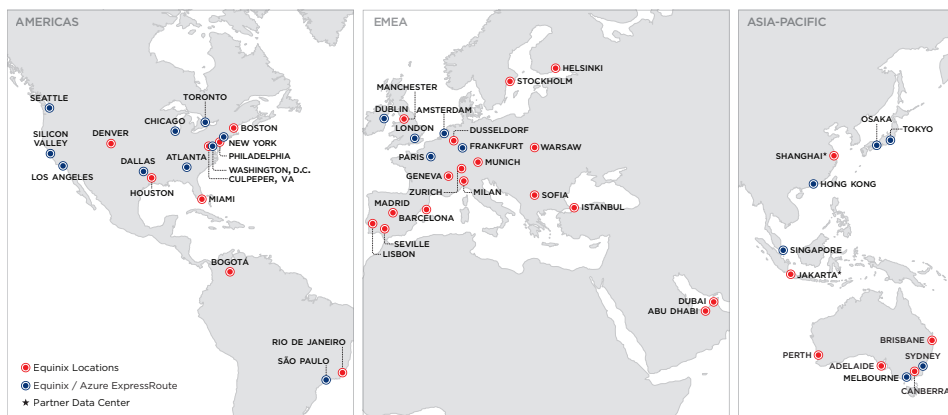
Modernize. Innovate. Accelerate. Your trusted path to digital and IT transformation

As the pioneer of fully engineered hybrid cloud platforms, Dell EMC has years of experience in designing, testing, deploying, upgrading and supporting customers' successful cloud journeys. Dell EMC Cloud for Microsoft Azure Stack provides a fast and simple path to Microsoft Azure Stack for 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 access, create and share application services securely in Azure and Azure Stack for both traditional and cloud-native applications.

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. One contact support from Dell EMC reduces your operational risk, while flexible consumption models make it easy to consume.

Availability



Azure ExpressRoute lets you create private connections between Azure data centers and infrastructure on your premises or in a colocation environment. ExpressRoute connections bypass the public internet. They offer more reliability, faster speeds and lower latencies than typical internet connections. In some cases, using ExpressRoute connections to transfer data between on-premises systems and Azure can yield significant cost benefits.

Equinix is Microsoft's largest ExpressRoute partner with nodes in 21 locations worldwide. With ExpressRoute, you establish a direct connection to Azure at an Equinix data center, resulting in decreased latency and better hybrid application performance.

For more information on the Microsoft | Equinix | Dell EMC Azure Stack Business Solution contact:
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About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most interconnected data centers. In 52 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies.

In a digital economy where enterprise business models are increasingly interdependent, interconnection is essential to success. Equinix operates the only global interconnection platform, sparking new opportunities that are only possible when companies come together.