

# Commvault for Microsoft® Azure Stack

## OVERVIEW

Azure Stack—Microsoft’s hybrid cloud solution—brings the benefits of the Azure public cloud to on-premises data centers. It enables such Azure services as Virtual Machine Scale Sets in your private data center with the same administrative tools and experiences you’d find with Azure Resource Manager in a public cloud environment. At Commvault, we believe that protecting, recovering, and managing all the data in your Azure Stack environment should be simple. As part of the Commvault Complete™ Backup & Recovery product, this solution offers native integration with the Azure Stack API and provides a solid foundation for comprehensive backup and recovery, migration, and DR for all the data layers in your Azure Stack environment.

## HIGHLIGHTS

- Comprehensive and highly-integrated data protection solution for Microsoft® Azure Stack
  - Agentless Virtual Machine (VM) proxy backup and recovery, leveraging Azure Stack’s native Application Programming Interface (API)
  - Granular recovery of files and folders within VMs
  - Application-consistent guest-level backups
  - Azure Stack Blob Storage backup and recovery
  - Easy conversion and migration of VMware and Azure VMs into Azure Stack
  - VM Disaster Recovery (DR) between Azure Stack Scale Units
- Simplified protection plans based on Service Level Agreements (SLAs)
- Easy, consistent administration as part of Commvault Complete Backup & Recovery
- Global management of your Hyper-V environment through an intuitive, web-based portal
- Available as an appliance-based solution, as software-only, or as a hybrid solution

## COMPREHENSIVE DATA PROTECTION FOR AZURE STACK

Protecting a VM might seem simple; protecting thousands of VMs, protecting non-VM data, migrating data onto your Azure Stack, and deploying a Disaster Recovery solution is not so simple. Commvault can help simplify managing these complex challenges using SLA-based protection plans to protect your VMs, leverage our VM conversion to easily migrate data to your Azure Stack with just a couple of clicks, and deploy Live Sync Replication to meet your unique DR requirements.

### Backup and recovery of Azure Stack, with focus on shorter backup windows and quicker recoveries

- Agentless protection of Azure Stack VMs through native Azure Stack APIs, using the Commvault Virtual Server Agent (VSA)
- Application-consistent protection helps ensure that your VMs—and your applications—are adequately protected and fully recoverable

- Azure Stack snapshot integration and orchestration through Commvault IntelliSnap® Technology for quicker backup and recovery
- Easy conversion and migration of VMs from other hypervisors to Azure Stack
- Disaster Recovery of VMs from one Azure Stack to another Azure Stack
- Azure Stack Blob backup and recovery

**GLOBAL MANAGEMENT AND PROACTIVE MONITORING FOR EFFICIENCY**

- Protect and manage all your Azure Stack Scale Units from the Commvault Command Center™, an easy to use, browser-based management console
- Centralized reporting and monitoring for your Azure Stack environment
- Intuitive management console allows you to recover data to any Azure Stack
- Single licensing model can cover the entire Azure Stack environment within an enterprise

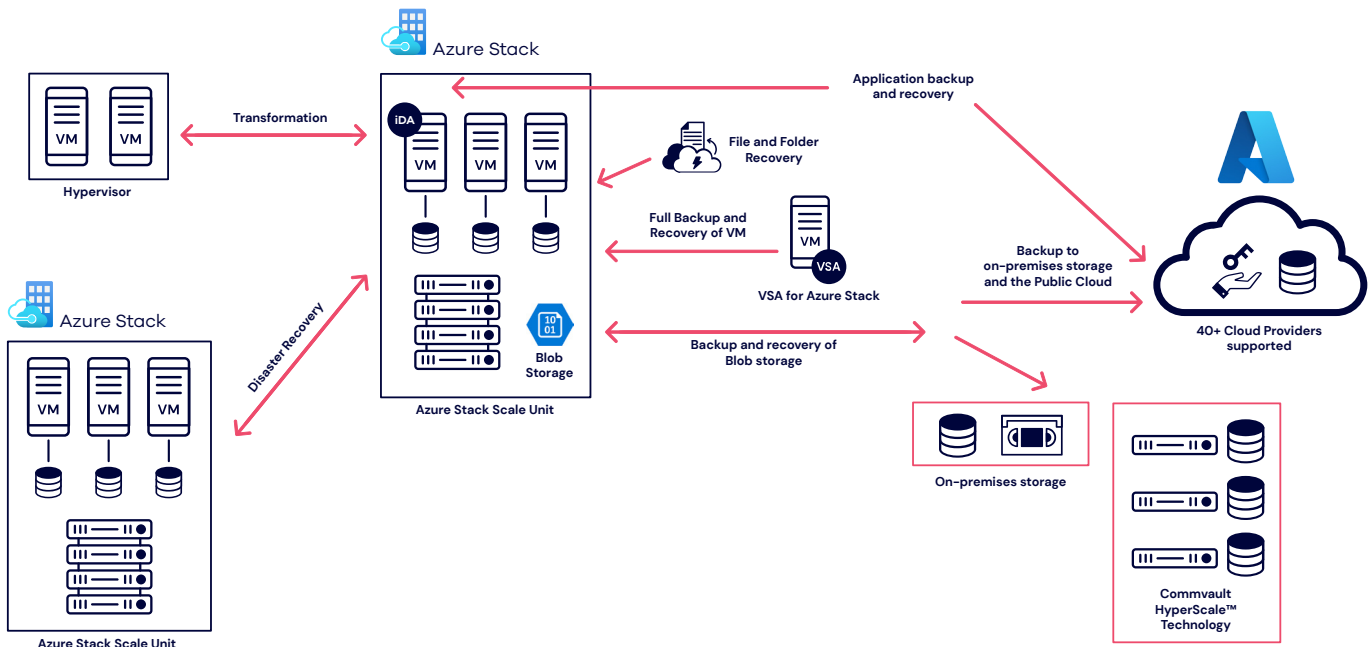
**PUBLIC CLOUD INTEGRATION FOR ENABLING HYBRID INFRASTRUCTURE**

- Directly integrate cloud storage and resources without the need for costly gateways
- Leverage cloud resources as backup storage targets or as a fully-operational data management platform
- Recover directly from cloud resources without the need to stage data

**SIMPLIFIED DEPLOYMENT AND ADMINISTRATION**

- Software-based solution offers flexible deployments options
- Commvault HyperScale™ Technology can simplify data protection platform deployment in a scale-out environment
- Single, intuitive management interface accelerates learning and reduces deployment complexity

**A Blueprint for Azure Stack Data Protection**



## DATA PROTECTION HIGHLIGHTS

- Agentless protection of Azure Stack VMs using the Commvault Virtual Server Agent (VSA) proxy
- Full backup and recovery of Azure Stack Blob Storage
- Simplified migration of VMs to Azure Stack
- Support for connected and non-connected environments using Azure Active Directory (AAD) and Active Directory Federated Service (ADFS)
- Disaster recovery for Azure Stack VMs
- Snapshot integration through Commvault IntelliSnap Technology
- Comprehensive reporting and alerting
- Support for Azure Active Directory (AAD) and Active Directory Federated Service (ADFS)
- Guest file and folder restore
- Application protection beyond just VM backup and recovery

## FLEXIBLE AND EASY-TO-USE

As a software-based solution, Commvault provides extreme flexibility in deployment options. Commvault HyperScale Technology is also available and combines all aspects of the data protection platform in a scale-out system. Commvault can also be deployed as a completely virtual or cloud-based data protection platform, to meet the unique needs of your business. A single, intuitive, role-based management interface consolidates all configuration, management, and reporting tools into a browser-based portal. This simplifies ongoing management, reduces your administrative burden, and increases both speed and responsiveness.

## SOFTWARE-DEFINED STORAGE FOR AZURE STACK ENVIRONMENTS

Commvault's Hedvig Distributed Storage Platform delivers a scale-out distributed storage platform with real-time multi-site replication, providing protection of data and maximum availability in the event of server or data center outages for your Azure Stack environment. Hedvig's HyperScale architecture provides highly elastic and flexible storage that can be scaled independently of compute. This software-defined solution runs completely on commodity hardware, reducing enterprise storage costs while modernizing businesses.

## BE READY... WITH COMMVAULT

You rely on Azure Stack to help simplify your data center infrastructure. Commvault lets you extend that simplicity to data protection, management, and recovery with our proven, fully-integrated solution for Azure Stack environments that can help you meet your unique data protection needs, both now and in the future.

To learn more, visit [commvault.com](https://www.commvault.com)