



# Backup Exec 16 for Microsoft Azure

## Data Sheet

Cloud services play a critical role in helping organizations accomplish their digital transformations. A deeper partnership with Microsoft is a great option for businesses looking to either simply lower the cost of data storage by moving it to the cloud.

More than 86 percent of global Fortune 500 enterprises currently use Veritas software-based data protection, availability, and insight capabilities today—many of which are specifically employed to offer complementary management capabilities to their Microsoft environments. It's not necessary to completely fork lift out proven and trusted data management solutions when adopting Microsoft cloud services. Rather, data protection and information governance capabilities can be natively extended to accommodate Azure storage adoption at a pace that's right for the business.

With Veritas Backup Exec for Microsoft Azure, organizations can accelerate their digital transformation and embrace more Microsoft cloud services in a holistic manner that doesn't leave the on-premises environment stranded, and is focused on what matters most—their data.

### MODERNIZE DATA PROTECTION AND LOWER STORAGE COSTS

You may already look for ways to save costs and gain agility by moving business processes to the public cloud; data protection is a likely candidate for cloud migration too. However, blindly moving your data to the public cloud risks highly confidential and regulated data potentially being exposed.

Using public cloud storage such as Microsoft Azure for long-term data retention and disaster recovery is not only a way to decrease storage costs, it is also a smart move towards modernization and digital transformation of your organization.

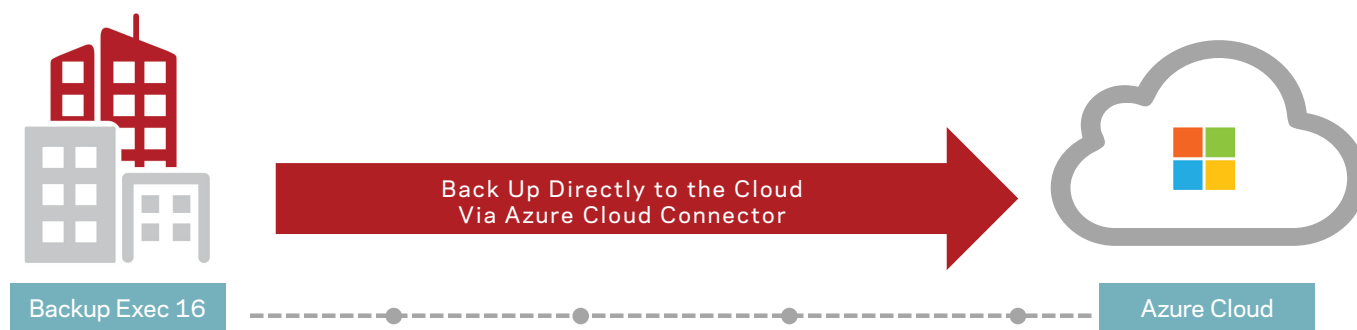
While your business is transforming, data protection still lives in the past. In fact, 56 percent of organizations still use some form of a tape-based solution. Backup Exec, can easily extend data storage out to Microsoft Azure via Azure cloud connectors today.

- Simplify data protection to secure and scalable Azure Cloud storage.
- Reduce and convert CapEx to a more predictable and manageable pay-as-you-go OpEx cost structure.
- Replace your cumbersome and expensive tape backup and administration process with easy-to-use Azure Cloud Storage.

### PROTECT DATA WITH AZURE CLOUD PLATFORM

With the ability to optimize data transfer and reduce risk, Backup Exec brings the benefits of Azure Cloud Storage to organizations that want to augment existing on-premises disk and tape storage. Backup Exec allows you to copy on-premises data to and restore from Azure Cloud storage via the Backup Exec Azure cloud connector or a Cloud Storage gateway like Microsoft StorSimple and NetApp AltaVault. Possible backup strategies using the new Azure cloud connector are:

- Data is initially backed up to onsite disk, deduplication storage, appliance or VTL, and a copy is then sent to Azure cloud storage (D2D2C)
- Data is backed up over the WAN directly to Azure cloud (no onsite storage of backup data (D2C)



## DEPLOY DATA PROTECTION IN AZURE FOR CLOUD-BASED WORKLOADS

The number of mission-critical workloads in the public cloud is said to double in the next two years, which presents new challenges for organizations regarding data protection.

It is very easy to push backup to the bottom of the priority list, especially when cloud workloads need to be delivered fast and you need to battle for each IT dollar. Initially, this practice may not create an immediate problem, but as your cloud workloads become mission-critical, backup becomes equally critical. It is not easy to “bolt on” backup after a workload has been up and running for some time as workloads always become larger and more complex. From day one your Azure workloads must experience the same level of data protection as your local servers and data and to be able to recover just as quickly.

Backup Exec extends seamlessly to Azure without requiring additional tools or processes. Azure-based workloads are protected by deploying Backup Exec in Azure Cloud alongside the workloads. The advantage of this approach? A single console allows you to manage your backups across all your Azure-based workloads and your local servers with the same backup templates and workflows; you’ll have complete visibility and control over your data regardless of the location.

You can turn the same Backup Exec infrastructure in Azure cloud into a disaster recovery destination for your local servers as well. You can recover your local servers in Azure without the need for an expensive dedicated disaster recovery buildout. You can also use this same approach to recover your Azure-based instances to your local data center or another cloud service provider.

What more? Backup Exec 16 is available as a ready-to-install offering in the [Azure Marketplace](#), Microsoft’s online store for public cloud system tools and applications. Images are available in the Azure Marketplace pre-configured with Backup Exec Hybrid use benefits. Customers can install Backup Exec 16 software using the Azure Marketplace template with a one-click deployment to a server hosted in Azure.

## SECURITY AND ENCRYPTION

All the data is secured using SSL during data transfer from Backup Exec to Azure cloud-based storage device. Backup Exec encrypts the data inline before it is sent to Azure cloud, and jobs must have encryption enabled to encrypt the data stored in the cloud storage.

## SUMMARY

As many businesses increasingly leverage Azure cloud for applications and services, they want to protect and manage those environments with a backup and recovery solution they can trust. By taking the same proven solutions that organizations have come to rely on and extending them to their private cloud or storage providers integrated with Backup Exec, organizations can enjoy the peace of mind knowing their information is protected by the Backup Exec platform.

Safeguarding an organization's invaluable data with Backup Exec key business benefits including operational expense reduction. Backup Exec can write data to multiple clouds, enabling end-users with the flexibility to add cloud for operational expense reduction purposes or to serve as part of a global disaster recovery strategy. One of the most common use-cases for cloud storage backup in businesses is to replace or augment tape-based off-site storage for disaster recovery readiness.

Regardless of whether organizations have moved workloads to the cloud or want to leverage the benefits of cloud storage for backup and recovery of on-premises data, Backup Exec delivers multiple cloud options in a single platform.

Visit <https://www.veritas.com/product/backup-and-recovery/backup-exec/azure> to learn more.

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## ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies empowers businesses of all sizes to discover the truth in information—their most important digital asset. Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multi-cloud data management, data protection, storage optimization, compliance readiness and workload portability—with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage. Learn more at [www.veritas.com](http://www.veritas.com) or follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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