

**VERITAS™**

# A single solution for distributed, mixed IT environments

**Unified data protection on the cloud**



“By 2020, the number of enterprises using the cloud as a backup target will double, up from 10 percent at the beginning of 2017.”<sup>1</sup>

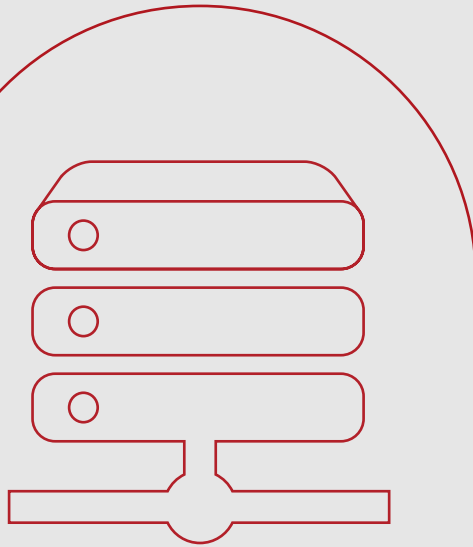


Data types and volumes are growing at an exponential rate while IT environments are becoming more complex. Today's IT infrastructure often consists of a combination of virtual machines and physical systems in geographically dispersed locations. Backup and recovery for such environments can become disjointed and expensive.

Organizations are discovering that cloud-based backup and recovery is cost-effective, efficient, and scalable. Employing cloud backup and recovery can be ideal for small to mid-sized organizations seeking to simplify data protection, to avoid large up-front infrastructure investments, and to achieve faster data recovery than can be accomplished with a collection of individual solutions.

Read on to learn how your organization can benefit from a unified data protection approach on the cloud.

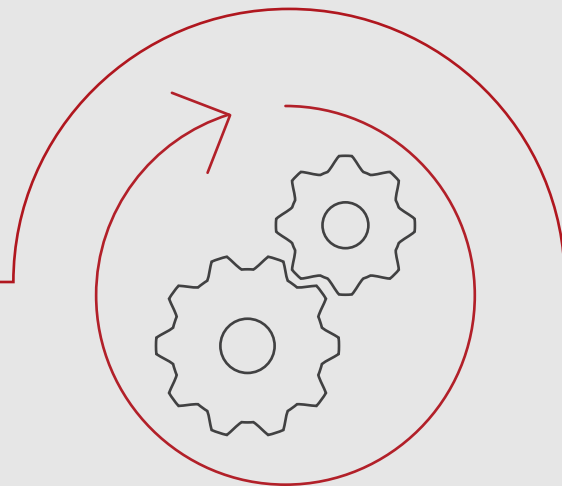
<sup>1</sup>Dave Russell, Pushan Rinnen, Robert Rhame. *Gartner Magic Quadrant for Data Center Backup and Recovery Solutions*, July 31, 2017



## No data left behind

Unified data protection solutions built for the cloud can help your organization successfully work with the complexities of your IT environment by leveraging cloud services, no matter where the data resides. A unified backup and recovery service can transfer backup data from on-premises virtual and physical machines, as well as cloud-native workloads, directly to cloud storage. This type of backup and recovery approach offers visibility and control into all data across your environment with a single pane of glass.

A single cloud-integrated solution empowers organizations to adopt a simple-to-use, reliable, and efficient backup and recovery system. When choosing a strategy, be sure to look for one that automatically detects and protects new and unprotected applications and enables cloud backup for all your data sources.



## Cost savings

With a single cloud-integrated backup and recovery strategy, you can utilize cloud storage for all your data, paying only for the storage capacity you use. This approach significantly reduces your costs by eliminating the need for upfront infrastructure investments, dedicated administrators, maintenance support, training, and software licensing costs involved with on-premises methods.

Your cloud backup should offer flexible subscription options, eliminating the need to potentially overprovision your resources. Additionally, it should combine data deduplication with the ability to write directly to the cloud, allowing you to reduce the amount of backup data stored while speeding the transfer to cloud storage. This enables you to better utilize storage space and gain agility to align your backups in pace with data growth.



# Agile backup schedules and swift data recoveries

It can take anywhere from hours to days to back up and recover your data when using an assortment of individual products, especially with physical solutions such as offsite tape or media backups. The coordination of managing several individual solutions contributes to lengthy backup and recovery times which can compromise your service level agreements (SLAs) or ability to meet regulatory compliance requirements.

A unified approach to data protection enables you to back up dispersed data sets to cloud storage quickly, managing all locations and lifecycles from a single user console. Recovery is significantly faster than when using physical backup methods because data stored on the cloud is accessible both locally and on demand.

Be sure your solution allows you to schedule frequent backup intervals according to your organization's needs, and to quickly recover data at either the file or application level on demand. By moving backup to the cloud, you can increase your agility to access your data to keep pace with rapidly changing business demands.

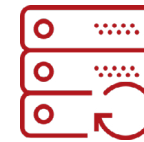
# Veritas and AWS make cloud backup easy and efficient

Veritas and AWS help you create a reliable and efficient backup and recovery while reducing storage costs. With Backup Exec, you can use Amazon Simple Storage Services (S3) API to store copies of your data on Amazon S3 and Amazon S3 Standard-Infrequent Access, or use AWS Storage Gateway to leverage Amazon Glacier.

A unified solution built for the cloud, it simplifies data protection by enabling backup of all your data sources:



**VIRTUAL MACHINES**



**PHYSICAL SYSTEMS**



**CLOUD-NATIVE  
WORKLOADS**

# Key features

With Backup Exec, you can manage all your data from a single console with a full set of features and capabilities that help you take full advantage of cloud storage, including:



**Deduplication** across all backup jobs that reduces storage requirements.



**A single dashboard** that provides visibility and management across your entire backup environment — on AWS and on-premises.



**Automatic discovery and protection** of new and unprotected resources that haven't been backed up.



**A policy engine** to set rules to automatically integrate with and manage data lifecycle on AWS.



**API-driven architecture** that supports seamless integration with AWS.



**Fast granular search** and recovery of files or applications.

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