



Data safety for digital business.

One solution for hybrid, physical, and virtual environments.

It's common knowledge that the cloud plays a critical role in helping organizations accomplish their digital transformations. It's also no secret that as part of the journey to the cloud, organizations are rapidly evolving toward hybrid IT architectures that extend the on-premises data center to both public and private clouds. A trend confirmed by a Veritas IT survey that reports 90% of enterprises will move to a hybrid cloud model over the next 12 months.

VERITAS™

Do you have **complete protection** across physical, virtual, and cloud?

It could be complex with on average

4.1

backup solutions per organization.

Or, it could be simple with a single unified system.

As cloud workloads become more essential, complete data backup protection for hybrid, virtual, and physical environments is becoming mission-critical and increasingly complex. Driven by the ongoing transition to multiple services delivered by a variety of cloud providers, organizations must rely on a costly, ad hoc collection of tools that require separate management.

The need for a single solution for physical and virtual machines with strong cloud connectivity is clear. Such a solution would eliminate inefficiencies and costs related to:

- Managing multiple backup solutions.
- Paying for multiple backup programs.
- Supporting multiple infrastructures.
- Running multiple backup jobs.
- Backing up duplicate data across physical and virtual.

Regardless of where data resides, managing and protecting data is a key success factor when leveraging the cloud. It's important to use a data backup and recovery solution that unifies and extends the management of workloads and data whether on-premises or in the cloud.

Underlying Principles

The cloud's cost and flexibility advantages are driving organizations to consider new IT strategies that leverage public, private, and hybrid cloud environments. With the number of cloud-based workloads increasing, IT administrators are challenged to protect all an organization's information – whether virtual, physical or cloud.

By combining the latest advancements in disk-based backup with secure and integrated cloud technologies, cloud-based backup offers organizations rapid and reliable data recovery, while reducing costs and freeing up IT staff to focus on other projects. With cloud-based backup, organizations can avoid the burden of tape management and backup operations headaches by automatically storing the data safely off site for disaster recovery purposes.

The ideal cloud backup and recovery solution not only supports the data center transformation toward software-defined data centers, virtualization, and disaster recovery-as-a-service, but will also modernize recovery and continuity efforts with the nearly limitless capacity to scale and meet elastic demand.

78%

of organizations
will use cloud
for backup in 2019.

Microsoft Azure

Amazon Web Services

Google Cloud Storage

Data Protection for All Your Data

As organizations go through rapid transitions to cloud workloads and budget dollars are tight, it is very easy for a backup solution upgrade to fall to the bottom of the IT priority list. While this is not always an immediate problem, it does make IT organizations prone to implementing ad hoc backup solutions. Sooner rather than later, this approach leads to a larger, more complex backup and recovery environment than organizations can effectively manage.

With Veritas Backup Exec, organizations achieve comprehensive coverage across the most popular virtual, physical, and cloud infrastructures. This flexibility helps organizations:

- Realize virtually unbeatable performance and deduplication for VMware and Hyper-V.
- Get flexible cloud connectors for Amazon, Azure, and Google Cloud.
- Ensure physical support with one of the industry's most comprehensive compatibility lists.

Software such as Veritas Backup Exec can help organizations meet business expectations for backup and recovery, reduce storage costs, secure confidential data, meet regulatory requirements, and eliminate niche backup tools from the infrastructure.

Lower Costs for Backup and Recovery

Cloud-based backup illustrates one of the cloud's most prominent benefits – pay only for what you use. To fully leverage this benefit, it is important to consider how effectively a backup and recovery solution manages data and retention policies to eliminate storage waste and maintain data integrity.

To dramatically lower the amount of infrastructure required for backups, reducing storage, network, and server costs, organizations have come to rely on data duplication. But, as organizations rapidly evolve toward hybrid IT architectures, data duplication is not always available or efficient. Backup Exec is unique because it maximizes storage savings with global deduplication across all backups. Unlike point solutions that deduplicate per backup job, organizations get greater storage savings with Backup Exec's advanced technology that deduplicates data across an entire virtual and/or physical environment. For even greater efficiency and enhanced storage savings, Backup Exec includes changed block tracking so you only back up the blocks that have changed, rather than every block of every VM in your infrastructure.

Backup Exec also uses data lifecycle management to automatically delete expired backup sets on Azure cloud storage. The organization's IT team simply specifies how long to keep backup data when they create a backup job that is sent to Azure cloud storage. When the amount of time to keep the backup data expires, the data lifecycle management feature automatically deletes the backup sets and reclaims the space unless. Even if the backup set is displayed as expired, the data is available until all dependent backup sets expire as well.

While reducing the disk space required for backup data brings significant savings, cloud-based backup reduces costs in other ways, including minimizing backup windows, decreasing network traffic, and streamlining data management.

As a unified solution, Backup Exec meets an organization’s data protection needs simply, with a host of powerful features that save time, provide more reliable backups, achieve recovery objectives, and reduce costs.

From day one, cloud-based workloads must experience the same level of data protection as local servers and data, and to be able to recover just as quickly. As you can see below, Backup Exec has a host of powerful features that can help you save time, get more reliable backups, maintain data integrity, achieve your recovery objectives, and reduce cost.

42%

of organizations use Backup Exec today.

A single solution for virtual, physical, and cloud environments.	Backup Exec eliminates the need to purchase, deploy, and manage separate backup solutions for your virtual, physical, and cloud data. It protects all environments – from a single physical server to thousands of virtual machines – all with a unified solution.
Easy to use.	An easy-to-use interface, intelligent dashboards, and intuitive wizards provide clear visibility into data backups and recovery. Backup Exec also saves time and simplifies the implementation of backup protection – with a few simple clicks, you can set backup jobs, view backup status, and perform recoveries.
Fast, efficient, and versatile recovery.	Backup Exec intelligently indexes backup data, so you can easily find and recovery data – at any level. With a few simple clicks, you can recover virtual machines, applications, databases, files, folders, and granular objects directly from backup storage.
Store less with efficient deduplication.	Advanced technology deduplicates data across your entire physical, cloud, or hybrid environment. For even greater efficiency and enhanced storage savings, Backup Exec only backs up data blocks that have changed, rather than every block of every VM in your infrastructure.
Backup to virtually any storage device.	Flexible options enable you to backup to virtually any storage device including disk, tape, dedupe storage, appliance, or a third-party cloud.
Centralized management.	A centralized administration console delivers scalable management of distributed Backup Exec servers and reduces the time and resources needed to manage your backup operations.
Support for the latest platforms and operating systems.	Backup Exec 16 builds on its twenty-plus years of Microsoft experience with full Day 1 support of Server 2016, Hyper-V 2016, and Azure targets. VMware vSphere 6.5 is also supported, continuing Veritas’ long history of protecting virtual machines.

Zones Solutions & Services

Gartner estimates that 20% of enterprise data is mission critical, 30% is redundant, and 50% is of “indeterminate” value. Yet, most organizations save it all because it’s the easiest thing to do. But not the smart thing to do. Blindly moving and storing your data to the cloud brings the risks of highly confidential and regulated data potentially being exposed.

By gaining control and visibility of unstructured (or dark) data, organizations can improve data governance and reduce costs through a more strategic approach to backup and recovery.

To get you started, Zones offers a simple and rapid assessment to identify data risks, storage waste, and determine appropriate data classification. Our dark data assessment is a minimally invasive way to scan your unstructured data, collect and collate the analytics, and have published reports to help you make improvements to your backup/recovery and storage strategy and most likely reduce your costs.

Based on the unstructured data analytics it provides, the dark data assessment is focused on enabling three key use cases for data storage, compliance, and security teams.

- Locating data at risk.
- Optimizing storage.
- Classifying data for retention and retrieval.

The assessment is summarized in reports that shine a light on aged data, file type consumption, inactive data, and user/group permissions. This information assists Zones solution architects in helping you make decisions that reduce storage costs and risk. Our experts will also guide you through remediation steps to help ensure successful execution of your data governance strategy.

Summary

When your organization is ready to leverage cloud-based backup and recovery, Zones recommends you choose a solution you can trust – Veritas Backup Exec. As a complete solution, it integrates with a broad selection of cloud service providers to seamlessly unify data protection across the hybrid cloud.

Zones cloud solutions and services are designed to help you with digital transformation in a consistent, predictable manner and cost. Zones offers numerous cloud solutions that can meet your needs at any stage of your cloud journey. From a dark data assessment and deploying software-as-a-service to implementing the ideal solution for data backup and recovery, we are perfectly positioned to help you move to the cloud and effectively manage what's there when you get there.

More Information

Visit our website Zones.com

To speak with a solution specialist in the U.S. call toll-free **1-800-408-9663**.

About Zones, Inc.

Zones is a leading global IT solutions provider of advanced technology and services focusing on digital modernization, network optimization, and data center transformation. We deliver complex IT solutions simply across the IT infrastructure including Data Center, Mobility, Unified Communications, Cloud, Security, and Internet of Things. Zones operates in more than 80 countries around the world, with corporate offices, distribution facilities, IT partners, and service affiliates on six continents. As a certified Minority Business Enterprise (MBE), and holder of an elite Corporate Plus Certification, Zones supports many of the world's largest corporations.

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