

Hybrid Multicloud Solutions

Operate seamlessly across physical, virtual and cloud.

The Veritas logo is displayed in a bold, red, sans-serif font. It is positioned in the upper right corner of the page, to the right of the main title and subtitle. The background of the page features a light gray diamond-patterned grid and several thick, diagonal red lines that intersect the grid.

HYBRID MULTICLOUD

Deploying a hybrid multicloud strategy can seem daunting. You might be at the start of your journey, deciding in what capacity you want to operate in the cloud. You might be in the middle of migrating a cluster of applications or an entire data center to one or multiple clouds. Or, you might have successfully deployed data, applications and infrastructure in the cloud and now you want to move between clouds or maybe even repatriate some of those assets back on-premises.

Regardless of your stage in this journey, Veritas is here to help. In this solution brief, you'll learn the recommended actions to get you one step closer to your desired end state, whatever that looks like. To keep things simple, we've broken out this journey into four phases: prepare, migrate, protect and optimize. Each step ensures the success of the greater mission: to achieve complete infrastructure hybridity across the public and private cloud landscape.

PREPARE: OPTIMIZE DECISION-MAKING

When moving to the public or private cloud, the desired outcome is typically to increase agility while boosting efficiency and cutting costs. So let's start from the beginning.

Before deciding what should go where, you have to understand what data you have and where it lives inside your infrastructure. You also want to ensure the data you're moving complies with various regulations per the End User License Agreement (EULA) you accepted when signing on with your cloud service provider. Gaining visibility into your data across heterogenous environments is an important first step as you plan out your hybrid multicloud strategy. Veritas provides the tools you need to see, target and act on data across your whole heterogenous environment.

In addition to getting a handle on your data, it's also important to understand all the facets of your infrastructure. Working within siloed infrastructures can be a real pain for all the obvious reasons. Lack of infrastructure visibility and control plus unseen costs can quickly spell trouble for an IT team. With Veritas, you can break down those silos and gain analytics that span the entirety of the hybrid multicloud from an agnostic viewpoint. By using customizable reporting and API integrations, the effort needed to tie all your existing and custom-built applications together becomes a snap. The end result is infrastructure optimization, unified visibility and simplified IT as a service (ITaaS).

MIGRATE: GAIN FLEXIBILITY

Once you have visibility into your data and your infrastructure, it's time to move! Whether you're moving one cluster of applications or an entire data center, the most important considerations are speed and uptime. And regardless of what you're moving, you must ensure doing so won't interrupt the users that rely on those services and won't break during the process. Applications aren't built for modern portability, and the complexity and dispersed nature of the underlying infrastructure can pose potential problems. But with Veritas, you gain the ability to build a comprehensive, fully automated, end-to-end data center disaster recovery and migration plan to ensure seamless movement across the hybrid multicloud.

We also provide the bridge between cloud service providers' capabilities and your business's needs, ensuring uptime and right-sized resource allocation for physical, cloud and everything in between. Pairing Veritas with a cloud target can deliver serious data center savings, automatically converting from a source like VMware to a target like Amazon Web Services (AWS) while maintaining target resources in storage, so compute resources are only billed at the time of migration or recovery. So although migration to the cloud can seem like a tremendous task, it doesn't have to be complicated or time-consuming when paired with the right solution.

PROTECT: USE THE POWER OF A PLATFORM

After you've successfully migrated, it's time to make the most of your new environment. Whether you're operating in a hybrid, multicloud or mixed environment, there are always risks. You must take steps to ensure applications, data and infrastructure can be preserved to thrive in whatever location they now reside. As your ideal environment comes to life, taking inventory of previously deployed point solutions is a crucial next step. Even if those products served a specific need in the past, they now contribute to the growing complexity inside your environment. And although you may be hesitant to standardize on a single platform, Veritas offers reliable, trusted and flexible solutions to help you truly thrive in your new operating model.

First, we make native cloud protection across the multicloud as effortless as possible. By leveraging the existing native cloud capabilities of service providers, you're now able to capture and consume rapid snapshots of multicloud environments from a single, deployable-anywhere Docker container, into your existing backup catalog.

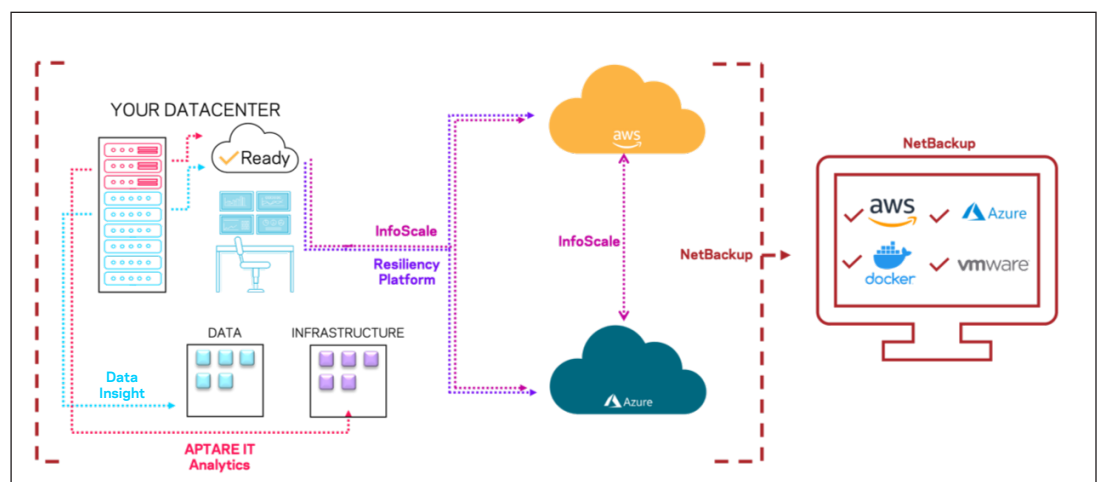
Then, through an innovative storage optimization system, Veritas can greatly reduce the size needed to back up large amounts of information, often achieving a 90+ percent reduction. For years, administrators have maximized on-premises disk arrays with deduplication, but moving that data to the cloud in a recoverable format wasn't easy. Now we can convert deduplicated block-level backups to object storage that can be consumed by any compatible cloud storage while keeping bandwidth consumption low—all without affecting readability or recovery times.

And finally, Veritas protects you from the empty recycle bin, accounting for the limited time data will be stored by services like Google Apps and Office 365. If someone in your organization accidentally deletes a file, you can always recover it because we keep a record of files in perpetuity. When it comes to restoring data, you can get granular—down to the attachment in an email—and find files in mere seconds with our built-in search feature.

OPTIMIZE: GET FREEDOM FROM LOCK-IN

Your original end goal might be complete, but your journey is just beginning. Regardless of what you've already been accomplished, there will always be a next project. Veritas is primed to set you up for long-term success with a partnership for the journey to come. When it's time to optimize what comes next—whether you're bringing facets of the data center back on-premises or starting a new journey to another cloud—Veritas can help you achieve those goals safely, expediently and efficiently.

Wondering how you can achieve everything we just mentioned? Check out the different parts of the Veritas Enterprise Data Services Platform shown in Figure 1.



Prepare: Optimize Decision Making

Data Insight—Gain actionable intelligence with data visibility and user behavior forensics across your heterogeneous environment.

APTARE™ IT Analytics—Gain analytics that span the entirety of the hybrid multicloud from an agnostic viewpoint.

Migrate: Gain Flexibility

NetBackup™ Resiliency Platform—Build and deploy a comprehensive, fully automated, end-to-end data center disaster recovery and migration plan.

InfoScale™—Ensure uptime and right-sized resource allocation for physical, cloud and everything in between.

Protect: Use the Power of a Platform

NetBackup—Use deduplication capabilities to greatly reduce the size needed to back up large amounts of information and protect cloud native workloads from multiple clouds through a single policy.

SaaS Backup—Recover files without fail—down to the attachment in an email—in mere seconds.

Optimize: Get Freedom from Lock-In

The entire Veritas Enterprise Data Services Platform.

ABOUT VERITAS

Veritas Technologies is a global leader in data protection and availability. Over 50,000 enterprises—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

2625 Augustine Drive, Santa Clara, CA 95054
+1 (866) 837 4827
www.veritas.com

For specific country offices and contact numbers, please visit our website.
www.veritas.com/company/contact

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