Data Management:
4 Steps for Cloud Migration Success

The cloud is central to modern digital transformation strategies, providing the scale, elasticity, and agility you need to compete in an environment of accelerating and disruptive change. If your organization's core IT infrastructure is on-premises, migrating applications and data to the cloud can be a Herculean task without a solid data management foundation in place. And once you're in the cloud, data management risks can compound.

Before you know it, your organization may lack visibility, resilience, and disaster recovery capabilities. With these risks and complexities, it pays to strengthen your organization's data management game. Whether you have migrated to the cloud already—or are just starting the journey—it's critical that your data is available and protected so your business can run smoothly before and after migration.

Here are the four primary steps you need to take to prepare your data for the cloud.

1. Gain Visibility

Most organizations have business applications and data spread across multiple physical locations and clouds. How can you move such a complex ecosystem without breaking existing functionality? Your organization needs a single pane of glass for visibility into the entire infrastructure—applications, data storage, and network—so you can assess what you have. Which systems are you relying on most?

Which systems bring value? Which are just costing you money? You should have a solution that creates this visibility and puts a dollar figure on every component. That way, you can understand exactly how much each one costs to maintain, how often they're used, and the resources they consume.

How Veritas Can Help. Veritas APTARE IT Analytics is one such solution. It provides centralized visibility for multi-vendor IT infrastructure, delivering actionable insights through a single pane of visibility across on-premises, hybrid, and multicloud environments. APTARE can provide the following information:

- What data is or isn't protected by successful backup
- What's consuming your data storage and at what rate
- Which workloads can be decommissioned to reduce costs
- Which apps and business units are consuming your IT resources

2. Ensure Resiliency

Once you've obtained visibility into your entire ecosystem, you can begin to consider how to move some or all of it to the cloud. However, migrating to the cloud doesn't absolve you of your responsibilities to manage and protect your data. In fact, most cloud vendor EULAs state just the opposite. If your cloud provider experiences an outage or if you experience a ransomware attack, your business can suffer serious financial and reputational losses. You need a resiliency solution that not only streamlines your ground-to-cloud migration but protects your cloud-based workloads. It should alert you to outages and easily failover your workloads to another cloud region or geography, a separate cloud entirely, or back to your on-premises environments.

How Veritas Can Help. The Veritas Resiliency Platform (VRP) ensures a seamless, fully automated workload migration to and from the multicloud. It takes care of the dependencies across complex workloads, so migration is frictionless and simple. It offers fully automated, proactive disaster recovery across sites and to clouds, such as AWS and Azure, with single-click recovery and failback operations, even for complex, multi-tier applications.

3. Test for Sucess

Before spending time, effort, and dollars migrating business workloads, you must be confident in how the migration will proceed. Every business needs to be able to test their migration strategy before they put it into action. You should look for a migration and resiliency solution that allows you to perform a full-scale rehearsal of the migration by cloning infrastructure and application data from the source into your cloud service provider.

How Veritas Can Help. The Veritas Resiliency Platform (VRP) allows you to perform this full-scale migration rehearsal. It spins up and operates your cloned infrastructure and application data in a safe, fenced-off environment where it can proceed through the entire order of operations without disrupting operational applications. When it's finished, it alerts your team to problems that need to be corrected prior to migrating the production environment.

4. Maintain Mobility

Adopting the cloud shouldn't mean tying your core business applications to a single vendor. An agile business is one that can flexibly move workloads—on-premises, in the cloud, between clouds—to meet changing business goals. This mobility is important to maintain optimal application performance and prevent vendor lock-in.

How Veritas Can Help. The Veritas Resiliency Platform (VRP) offers seamless mobility for workloads across a multicloud environment. It also provides visibility into service-level objectives and helps ensure maximum uptime for critical workloads with single-click failovers and migrations across sites and to your clouds of choice.

Data Management: Your First Step to Cloud Migration

While cloud is essential to digital transformation, it is not a panacea for the data security and business continuity challenges that companies face. Enabling the journey to the cloud requires closing the gap between digital transformation and data management before you begin migration, so your data and operations remain protected afterward. By taking a methodical approach to data management, you can ensure your cloud migration will be a success.

To learn more about the ways in which Veritas can enable your journey to the cloud, visit https://www.veritas.com/solution/cloud.

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—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.

VERITAS™

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

For global contact
information visit:
veritas.com/company/contact