VERITAS ALTA™

Top Reasons for
Veritas Alta™ Storage Resiliency

Enhanced functionality for cloud-native block storage services.

Overview

One of the more common reasons why organizations move to the cloud is to reduce IT infrastructure costs and increase the business flexibility to rapidly match computing resources to their constantly changing business requirements. But like all technology shifts, there are challenges that need to be overcome to realize the true value of moving to the cloud.

Cloud Storage Challenges

A common challenge with moving to the cloud is the lack of advanced cloud storage functionality to control storage costs, enhance performance, and secure application data. The final challenge is data mobility, which involves moving from one cloud service provider to another, or back to on-premises, to avoid vendor lock-in.

50%

of organizations prefer third party storage offerings. Public cloud storage services lack functionality and performance.

Top Reasons to Use Veritas Alta Storage Resiliency for the Cloud

Veritas Alta™ Storage Resiliency provides advanced storage functionality for cloud-native block storage services that enables customers to solve their cloud storage challenges. Veritas Alta Storage Resiliency can help you successfully move to the cloud with confidence, and better manage your cloud storage and application environment.

1. Storage Efficiency

As many cloud customers have discovered, unplanned cloud storage expenses can undermine your total cost of ownership (TCO) and return on investment (ROI). Veritas Alta Storage Resiliency increases your cloud storage efficiency by enabling applications to simultaneously use multiple classes of cloud storage, including ephemeral NVMe devices, to satisfy the application I/O performance. This intelligent storage policy capability can automatically rightsize the type of storage, depending on the type of workload, usage pattern, or file type. This reduces the need for applications to run entirely on higher-cost cloud storage, thus dynamically lowering your overall cloud storage costs.

2. Predictable Performance

Unpredictable or limited application performance is a common complaint when customers move from on-premises to the cloud. Veritas provides predictable cloud storage performance by leveraging a solution called Smart I/O. This advanced functionality caches the most frequently read blocks to provide predictable performance for your most critical cloud workloads. Veritas Alta Storage Resiliency also provides the option to spread I/O across multiple cloud storage devices to aggregate the performance. This delivers increased I/O and predictable performance to your business-critical workloads.

3. Data Security

In almost every cloud survey, security tops the list of customer concerns when they move to the cloud. Data security is critical to protecting your company's brand and intellectual property. Veritas Alta Storage Resiliency can provide an additional layer of data security for cloud-native block storage services by providing data at rest encryption for your active production data, and write once, read many (WORM) protection to ensure data cannot be overwritten or corrupted by malware.

4. Data Mobility and Efficiency

Cloud service providers may limit functionality that provides data mobility, for fear of making it too easy to move to alternative cloud service providers. Companies know that data mobility is required in order to achieve their business goals or ensure price relief. Veritas untethers the data that resides on cloud-native block storage services, and provides the ability to transparently copy data between availability zones to achieve an application recovery point objective (RPO) of zero. It also enables replication to other regions, or even cloud service providers, with no data lost. Veritas Alta Storage Resiliency adds another level of data efficiency by copying only the used blocks of data, rather than the entire storage volume. This lowers the cost of both egress and ingress to further increase efficiency.

Learn More

Veritas Alta Storage Resiliency is offered as a subscription-based license, available in one, two, or three-year increments. It also supports standard cloud IaaS storage options and container-based Kubernetes/OpenShift orchestration platforms.

Veritas Alta Storage Resiliency is included with Veritas Alta Application Resiliency solution, and provides the data mobility and cloud storage flexibility to enable always-on cloud application resiliency and availability.

To learn more about Veritas Alta Storage Resiliency, visit veritas.com/alta/storage-resiliency.

About Veritas

Veritas Technologies is a leader in multi-cloud data management. Over 80,000 customers—including 95 percent of the Fortune 100—rely on Veritas to help ensure the protection, recoverability, and compliance of their data. Veritas has a reputation for reliability at scale, which delivers the resilience its customers need against the disruptions threatened by cyberattacks, like ransomware. No other vendor is able to match the ability of Veritas to execute, with support for 800+ data sources, 100+ operating systems, 1,400+ storage targets, and 60+ clouds through a single, unified approach. Powered by Cloud Scale Technology, Veritas is delivering today on its strategy for Autonomous Data Management that reduces operational overhead while delivering greater value. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

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