

“Fast and Vast” Backup with Nutanix Objects and Veritas NetBackup™ CloudCatalyst

OVERVIEW

One of the key challenges of today’s enterprise IT organization is protecting a rapidly growing data footprint. (See Figure 1.) Typically, organizations deploy a variety of point solutions to manage unstructured data, which creates inefficient infrastructure silos, complexity and difficulty in managing, deploying and scaling.

Object storage provides a modern alternative to “write once, read never” tape storage. Low-cost object provides lower operational costs vs off-site tape storage and management. And, because object is always online, it greatly lowers RTO compared to retrieving tapes from an off-site facility. The low overhead of object storage also delivers cost advantages over traditional block and NAS disk technologies. Nutanix Objects takes cost reductions a step further by delivering a software-defined solution that eliminates the need for stand-alone SAN or NAS storage arrays.

BETTER TOGETHER: VERITAS AND NUTANIX PROTECT DATA WITH ENDLESS SCALE

Nutanix has taken the scale and simplicity of object storage to new heights with its Nutanix Objects offering, providing previously unimaginable scale with simple and non-disruptive capacity expansion. Nutanix Objects is designed with an S3-compatible REST API interface to handle terabytes to petabytes of unstructured data, all from a single namespace.

These capabilities make Nutanix Objects an ideal replacement for traditional tape-based operations. Veritas NetBackup CloudCatalyst provides additional optimizations, further increasing cost savings. (See Figure 2.)

END-TO-END DEDUPLICATION: VERITAS NETBACKUP CLOUDCATALYST AND NUTANIX OBJECTS

NetBackup CloudCatalyst is a deduplication technology that takes advantage of object storage architectures. It provides powerful data deduplication in the data center and extends that deduplication to Nutanix Objects without rehydration or staging.

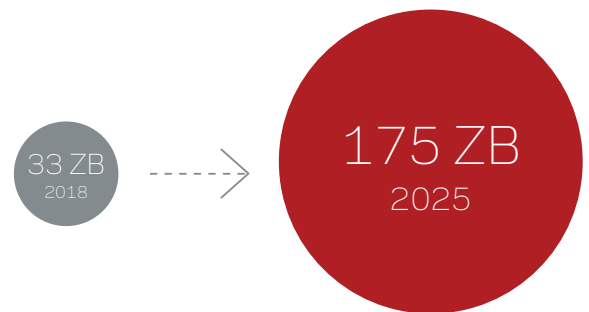


Figure 1: Data is projected to grow to 175 ZB by 2025.¹

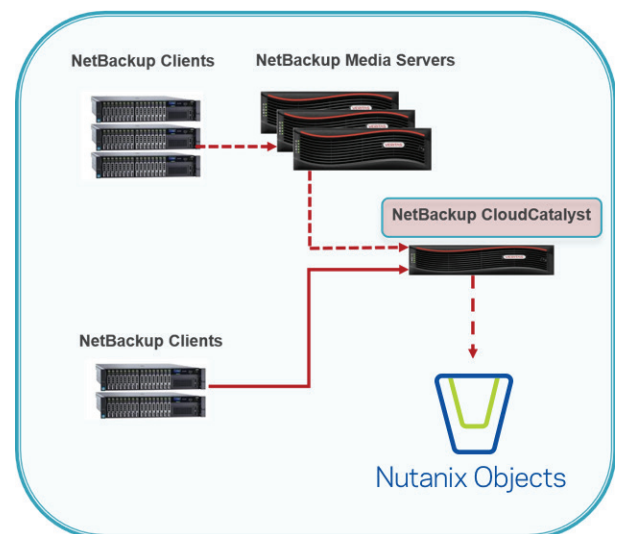


Figure 2. Pair NetBackup CloudCatalyst with Nutanix Objects to protect enterprise data and lower costs.

You can quickly recover data directly from NetBackup CloudCatalyst to the NetBackup Client. Here are some of the benefits of using NetBackup CloudCatalyst with Nutanix Objects:

- **Drive better economics** with a dramatic reduction in time, cost and network bandwidth for object storage.
- **Shrink the size of data** by deduplicating it—or rapidly removing duplicate copies—and store data on Nutanix Objects at lower cost without making physical changes to the network.
- **Extend existing NetBackup MSDP deduplication** without rehydration and maintain its original dedupe format from end to end.
- **Dramatically reduce backup time** when migrating backup data to Nutanix Objects by using the most powerful and efficient dedupe technology in the industry.
- **Tier data to public clouds** such as Amazon Web Services (AWS) and Microsoft Azure as desired for longer-term retention.
- **Scale easily** from terabytes to petabytes of unstructured storage capacity accessed from a single namespace with no minimum storage capacity requirements.

UNIFY AND PROTECT NUTANIX OBJECTS WITH VERITAS NETBACKUP

Veritas NetBackup is a unified data protection solution that complements the Nutanix Objects service. Enable object storage services on existing clusters or set up new clusters with storage-dense nodes. And protect your data with a simple, scalable and cost-effective active archive solution from Veritas. Use built-in object versioning for deeper storage protection and search your data without the hassle of tape systems.

To learn more, visit <https://www.nutanix.com/products/acropolis/object-storage-service/>.

1. Patrizio, Andy, "IDC: Expect 1.75 zettabytes of data worldwide by 2025," IDG Network World, December 3, 2018.

ABOUT NUTANIX

Nutanix enables IT teams to build and operate powerful multi-cloud architectures. Our Enterprise Cloud OS software melds private, public and distributed cloud operating environments and provides a single point of control to manage IT infrastructure and applications at any scale. Nutanix solutions are 100% software-based, and are built on the industry's most popular hyperconverged infrastructure (HCI) technology, delivering a full infrastructure stack that integrates compute, virtualization, storage, networking and security to power any application, at any scale. Nutanix Enterprise Cloud OS delivers the simplicity and agility of popular public cloud services, but with the security and control that you need in a private cloud. Learn more at <https://www.nutanix.com/partners/technology-alliance-program/veritas/> or on Twitter at [@Nutanix](https://twitter.com/Nutanix).

ABOUT VERITAS

Veritas Technologies is a global leader in enterprise data management—our software and solutions help organizations protect their mission-critical data. Tens of thousands of businesses, including 97% of Fortune 100 companies, rely on us every day to back up and recover their data, keep it secure and available, to guard against failure and achieve regulatory compliance. In today's digital economy, Veritas delivers technology that helps organizations reduce risks and capitalize on their most important digital asset—their data. Learn more at www.veritas.com or follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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

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



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