



# Veritas Access

Cost-optimized Storage for High-capacity Unstructured Data Workloads.

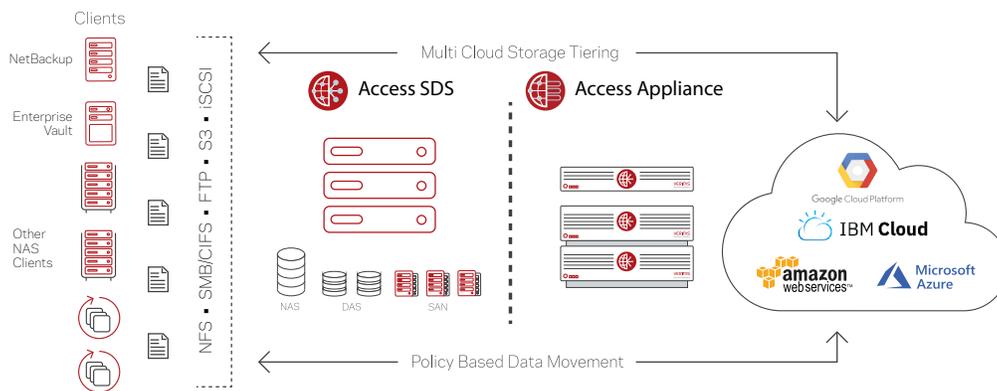
## OVERVIEW

The growth in unstructured data is staggering. From increased resolutions of video surveillance assets to longer retention times of medical imagery to increased data protection needs, IT professionals are scrambling to find ways to economically address the exponential growth in unstructured data. Combine that with the need for more (and more frequent) backups, long-term retention (LTR) requirements in regulatory scenarios, and flat IT budgets—and IT professionals have a genuine headache on their hands.

With users clamoring for better SLAs (or worse, complaining of lost data), the tendency is to just throw money at it; buy more primary storage and push the problem down the road—or, sign up for public cloud services and hope you can survive the data transfer charges (and perhaps a potential loss of privacy or the violation of regulatory mandates).

Now there's a better way: Veritas™ Access. Access offers organizations a simple, software-defined, scale-out storage solution optimized to the requirements of long-term storage. Features include:

- **Tightly integrated with Veritas NetBackup™ and Enterprise Vault™**—an end-to-end solution
- **Superior price/performance**—meet service level agreements at lower TCO
- **Trusted and feature-rich software-defined storage**—Storage software is in Veritas' DNA
- **Flexible deployment model**—Turnkey Appliance and Software-defined



Access is deployable in either appliance (“turnkey deployment”) or software-defined (“bring your own hardware”) form factors, increasing acquisition and configuration flexibility. The appliance is a complete tested, tuned and supported solution stack from Veritas; the software-defined model is for customers who choose to supply their own data center hardware.

## VERITAS ACCESS 3340 APPLIANCE

The Veritas™ Access 3340 Appliance is a turnkey deployment of Veritas’ software-defined Access scale-out network attached storage. The appliance is cost-optimized and tuned for high-capacity workloads like long-term retention (LTR), tape replacement and archiving.

The Access Appliance fills a cost/performance gap between costly primary storage and economic (but lower-performing) tertiary storage like tape and public cloud. It allows large (PBs) of very cost-effective, on-premises storage while giving administrators a much lower RTO (Recovery Time Objective). In short, the appliance provides performance comparable to primary storage with the cost profile of tape or cloud (Figure 1).

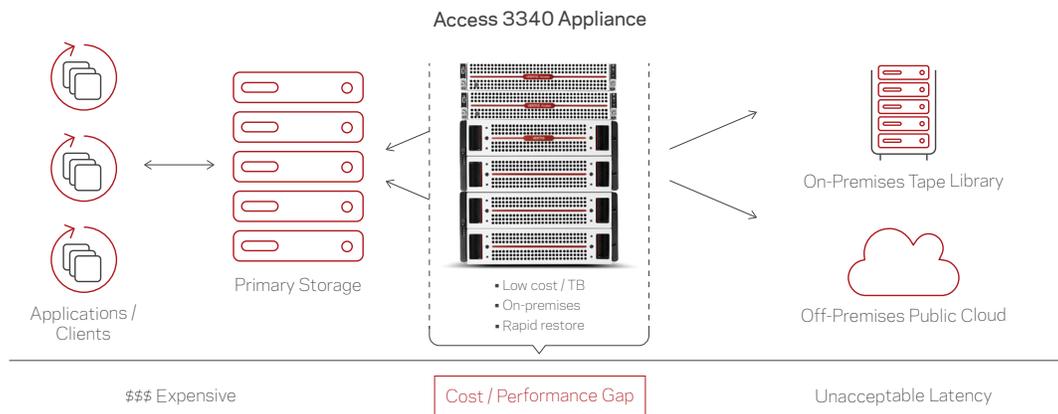


Figure 1. The cost/performance gap

Like all Veritas appliances, Veritas™ Access 3340 Appliance comes with everything needed to begin using the system in production, including pre-tuned OS, security enhancements, simplified hardware and software monitoring and the proven Veritas™ Access software. Veritas appliances are tested, tuned deployed and supported as a complete appliance—giving customers a solid, tested, optimized and fully supported solution that can be deployed quickly. Features include:

- **Reduce CapEx**—cost-optimized and tuned for high-capacity workloads. Access delivers near-primary storage performance at or below the price-point of tape and cloud
- **Highly scalable**—The Veritas™ Access 3340 Appliance is a pay-as-you-grow appliance model that starts at 700 TB of usable capacity and scales to 2.8 PB.
- **Reduced Management Costs**—A single pane of glass to manage multiple instances, including integration with Veritas NetBackup™ and Veritas Enterprise Vault™.
- **Veritas NetBackup integration**—Provides complete, single-vendor solution with deep NBU integration for end-to-end optimization, simplified management and streamlined support.
- **Enterprise Vault™ integration**—The Veritas Access 3340 Appliance also works as a primary archive store for Veritas Enterprise Vault, offering compliant and flexible storage for archive retention.
- **Cost effective tape replacement**—Replace and consolidate cumbersome and costly tape storage to meet demanding recovery time objectives.

## VERITAS ACCESS SOFTWARE-DEFINED STORAGE

Veritas Access is a software-defined, scale-out storage solution for long-term retention of unstructured data. It uses intelligent policies to optimize data placement on-premises or on public clouds. Access provides resiliency, multi-protocol access and automated data movement to realize increased primary storage performance, cost-effectiveness and scalability gains. Features include:

- **Platform independent**—can be installed on any commodity x86 hardware, leveraging existing and future on-premises storage investments
- **Simple administration**—a single pane of glass to manage multiple instances with a simple and intuitive interface
- **Scale-out architecture**, with support for erasure-coding resiliency support in a clustered file system (CFS) for NFS, S3 use cases
- **Multi-protocol file and object access** — Works with NFS, SMB3/CIFS and S3. Supports reading/writing to the same volume via different protocols
- **Heterogeneous storage support** — Supports DAS, SSDs, a wide array of SANs and cloud storage
- **Storage tiering** — Enables placing data on cloud, SAN, DAS/ SSD tiers; tiering from on-premises to multi-clouds or between different storage types
- **NetBackup™ integration** — Embedded NetBackup Client and back-end target storage to leverage cost-effective, long-term data retention

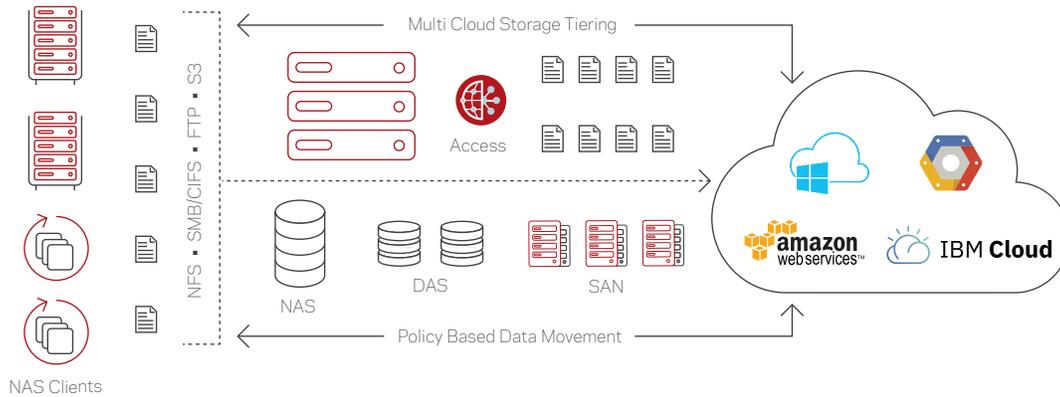


Figure 2. Veritas Access is platform-independent

The Software-defined Storage (SDS) model allows customers to deploy storage software on the hardware of their choice—providing deployment flexibility, lower hardware costs, organizational agility, and easier, more affordable growth. It's perfect for organizations that have sufficient IT resources to support a “do-it-yourself” deployment model, giving customers the freedom to choose the hardware that best suits their infrastructure, performance, and cost requirements.

## SUMMARY

Veritas access is a storage platform optimized for unstructured data use cases. It is cost-optimized and tuned for high-capacity workloads like long-term retention (LTR), tape replacement and backup/archiving. To increase infrastructure and application agility, Access 3340 supports multiple protocols, including Amazon S3, CIFS, NFS, SMB for file and object access, and iSCSI target support for block storage. To further improve cost, capacity and resilience of long-term data stores, policy-based tiering orchestrates automated data migration to on-prem and off-prem public or private clouds.

Access is deeply integrated with Veritas NetBackup providing a cost-optimized LTR solution for deployments where Veritas NetBackup is the primary backup utility. NetBackup’s proven, enterprise-hardened deduplication saves space, increasing storage and data transfer efficiency, improving storage efficiency and effective capacity by as much as 30x.

Finally, Access is deployable in either appliance (“turnkey deployment”) or software-defined (“bring your own hardware”) form factors, increasing acquisition and configuration flexibility. For customers that need a tested, tuned and supported solution stack that can be deployed quickly, the Access Appliance is the perfect fit. The software-defined model is a great solution for customers who have existing server farms or dedicated vendors that supply their data center hardware; for them, a software form factor works well.

## ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies empowers businesses of all sizes to discover the truth in information—their most important digital asset. Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multi-cloud data management, data protection, storage optimization, compliance readiness and workload portability—with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage. Learn more at [www.veritas.com](http://www.veritas.com) or follow us on Twitter at @veritastechllc.

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