

# Veritas Access 3340 Appliance

Turnkey software-defined storage appliance for unstructured data workloads.

VERITAS™

## OVERVIEW

The Veritas Access 3340 Appliance enables a turnkey deployment of the software-defined Access scale-out network attached storage—a storage solution optimized for unstructured data use cases. The 3340 Appliance is cost-optimized and tuned for high-capacity workloads like long-term retention (LTR), tape replacement and backup archiving.

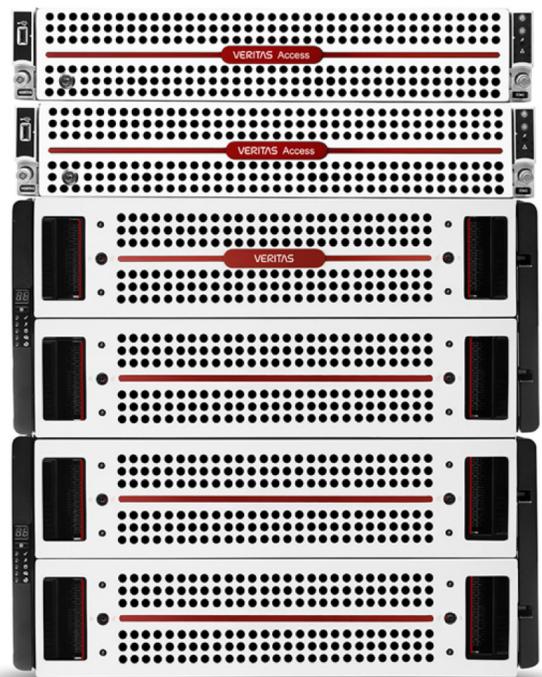
The Access 3340 Appliance supports multiple protocols, including Amazon S3, CIFS/SMB and NFS to increase infrastructure and application agility. Policy-based tiering orchestrates automated data migration to on-prem and off-prem clouds to further improve the cost, capacity and resilience of long-term datastores.

The Access 3340 is deeply integrated with Veritas NetBackup™ and NetBackup Cloud Tier, providing a turnkey, cost-optimized LTR solution for large-scale (PB) deployments where NetBackup is the primary backup utility. NetBackup's proven, enterprise-hardened deduplication saves space, increasing storage and data transfer efficiency and improving storage efficiency and effective capacity by as much as 30x.

Like all Veritas appliances, the Access 3340 comes with everything needed to put the system in production, including pre-tuned OS, security enhancements, integrated hardware and software monitoring and the latest version of Access software-defined storage.

### Main Use Cases Include:

- Long-term retention for NetBackup and other backup applications
- Archiving with Veritas Enterprise Vault™
- Unstructured file data storage for LTR and archival workloads



## PRODUCT HIGHLIGHTS

- **Reduce CapEx**—Cost-optimized and tuned for high-capacity workloads.
- **Flexible**—Simultaneously access files and objects over multiple protocols, including NFS, CIFS/SMB and S3.
- **Highly scalable software-defined storage**—The Access 3340 is a pay-as-you-grow appliance model that starts at 280 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 NetBackup and Enterprise Vault.
- **Hybrid Multicloud capabilities**—Policy-based tiering orchestrates automated data migration to on-prem, off-prem or multicloud object stores.
- **NetBackup integration**—Provides consistent end-to-end long-term data retention and protection, complete with classification and global deduplication features.
- **Enterprise Vault integration**—The Access 3340 also works as a primary archive store for 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 (RTOs).
- **Hardened security**—Protection against zero-day attacks and malicious threats based on:
  - Veritas Appliance OS hardening
  - Symantec™ Data Center Security
  - Security Technology Implementation Guides (STIG)
  - Federal Information Processing Standards (FIPS) 140-2
- **Resilient hardware architecture**—Multiple data paths, redundant hot swap power supplies, fan modules and hot pluggable data disks deliver greater data protection and system availability.

### Technical Specifications

#### Veritas Access Appliance Node<sup>2</sup>

1 Gb Ethernet ports (per node)	4 (2 used for internode communication)
10 Gb SFP Ethernet ports (per node)	2
Dimensions H x W x D (Inches) / (cm) / Rack Units (U)	3.5 x 19.0 x 31.25 / 8.9 x 48.3 x 79.4 / 2U
Max weight (lbs / kg)	51.28 / 23.26
Typical power consumption (watts)	300
Max power consumption (watts)	1200
AC voltage range (Volts) (compute node voltage is auto-ranging)	90 to 140 180 to 264
AC frequency range (Hz)	47 to 63
Typical ampere ratings (A)	2.75 (90 to 140V)
Number of server nodes	2

#### Veritas Access Appliance Storage Shelf

Drive Capacity	4 TB	10 TB
Max number of drives	82	82
Usable capacity (min-max) <sup>1</sup>	280 TB (255 TiB)	700 TB (636 TiB)
Dimensions H x W x D (Inches) / (cm) / Rack Units (U)	8.75 x 19.0 x 36.75 / 22.2 x 48.3 x 93.4 / 5U	
Max weight with disk drives (lbs / kg)	317 / 144	
Typical power consumption (watts)	1047 / shelf	
AC voltage range (Volts)	200 to 240	
AC frequency range (Hz)	50 to 60	
Typical ampere ratings (A)	5.65 (200 to 240V)	

Expansion Options		
Primary System Capacity	Expansion Shelf Options	
280 TB (255 TiB) (4 TB drive capacity)	(1) 280 TB (255 TiB) Expansion Shelf or (1) 700 TB (636 TiB) Expansion Shelf	
700 TB (636 TiB) (10 TB drive capacity)	(1-3) 700 TB (636 TiB) Expansion Shelves or (1) 280 TB (255 TiB) Expansion Shelf	
Environmental Specifications	Veritas Access 3340 Node	Storage Shelf
Operating temperature (oF)/(oC)	(50 to 95)/(10 to 35)	(41 to 95)/(5 to 35)
Storage temperature (oF)/(oC)	(-40 to 158)/(-40 to 70)	(-40 to 158)/(-40 to 70) (-40 to 158)/(-40 to 70)
Operating humidity	10 to 80%	10 to 80%
Operating altitude (ft)/(m)	(-100-9,842)/(-30.5- 3,000)	(-328-9,842)/(-1000-3,000)
Max noise (dBA)	82	82
Typical cooling (BTU/hr)	1024 BTU/hr	3,573
Max cooling (BTU/hr)	4094 BTU/hr	4,241

## WARRANTY COVERAGE

One (1) year parts replacement and 90 days software.

## PROTOCOL STANDARDS FOLLOWED

IPMI 2.0, SMBIOS 2.5, SAS 3.0, ACPI rev 3, IP RFC0791

## SAFETY AND EMC STANDARD COMPLIANCE

GB4943-2001, IEC 60950-1, UL 60950-1, FCC 47 CFR Part 15 Subpart A, EN 60950-1, EMC Directive 2004/108/ EC, EN 55024: 1998+A1+A2, LVD Directive 2006/95/EC

<sup>1</sup> Terabyte = 10<sup>12</sup> bytes, 1 Tebibyte = 2<sup>40</sup> bytes

<sup>2</sup> Each node has 2 x 10 Gb Ethernet ports available as a base configuration.

<sup>3</sup> Two server nodes in each configuration.

## 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](http://www.veritas.com). Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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