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 Veritas' 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
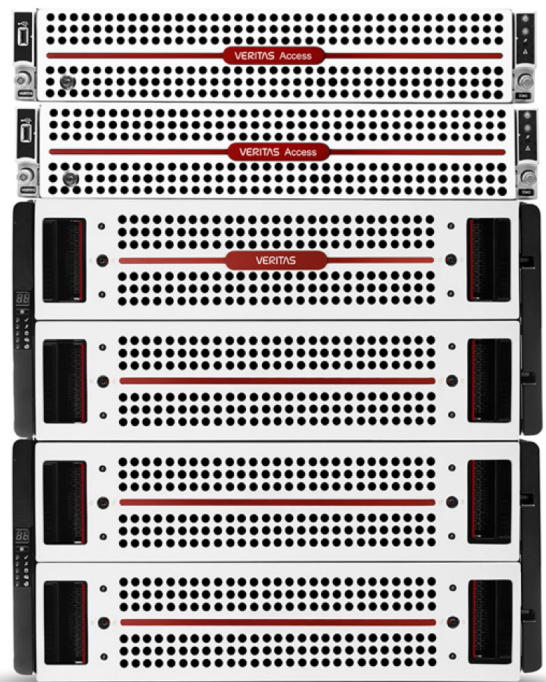and backup archiving.

To increase infrastructure and application agility, the Access 3340
appliance 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 clouds.

The Access 3340 is deeply integrated with Veritas NetBackup and
NetBackup CloudCatalyst, providing a turnkey, cost-optimized LTR
solution for large-scale (PB) 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.

Like all Veritas appliances, the Veritas™ Access 3340 Appliance 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 Veritas™ Access
software-defined storage.

Use Cases Include:

- Long-term retention for Veritas NetBackup and other backup applications

- Archiving with Veritas Enterprise Vault™

- Unstructured file data storage

- Mixed I/O workloads

- **Reduce CapEx**—cost-optimized and tuned for high-capacity workloads.

- **Flexible**—Simultaneously access files and objects over multiple protocols, including NFS, CIFS, FTP, SMB, and S3.

- **Highly scalable software-defined storage**—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™.

- **Multi-cloud capabilities**—Policy-based tiering orchestrates automated data migration to on-prem, off-prem, or multi-cloud object stores.

- **Veritas NetBackup integration**—Provides consistent end-to-end long-term data retention and protection, complete with classification and global deduplication features.

- **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.

Technical Specifications	
Veritas Access Appliance Node[2]	
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)[1]	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 (200V 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

[1.] Terabyte = $10^{12\ bytes}$; 1 Tebibyte = $2^{40\ bytes}$
[2.] Each node has 2 x 10 Gb Ethernet ports available as a base configuration.
[3.] Two server nodes in each configuration.

ABOUT VERITAS

Veritas Technologies is a global leader in data protection and availability. Over 50,000 enterprises—including 99 of the Fortune 100—rely on us to abstract IT complexity and simplify data management. 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 supports more than 500 data sources and over 150 storage targets, including 60 clouds. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

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