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Veritas Access 3340 Appliance

Turnkey Software-Defined Storage Appliance
for Unstructured Data Workloads.

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.
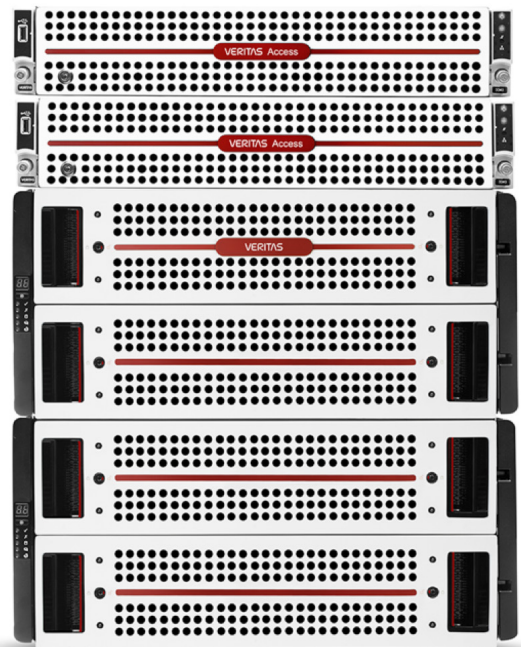
To increase infrastructure and application agility, the Access 3340 appliance supports multiple protocols, including Amazon S3, CIFS, NFS, SMB for file and object access, and iSCSI target support for block storage. To further improve cost, capacity and resilience of long-term data stores, policy-based 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. Integration with CloudCatalyst deduping capability reduces storage and media transfer costs. 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

PRODUCT HIGHLIGHTS

- 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 3340 Node	Storage Shelf
Number of server nodes	2	NA
Minimum system usable capacity	700 TB (636 TiB)[1]	NA
Maximum system usable capacity	2,800 TB (2,544 TiB)[1]	NA
Storage shelf usable capacity	NA	700 TB (636 TiB)[1]
Storage shelves (min-max)		1-4 (One Veritas 5U84 Primary Storage Shelf; three Veritas 5U84 Expansion Storage Shelves)
Drives	NA	82
Max usable capacity	NA	2,800 TB (2,544 TiB)[1]
1 Gb Ethernet ports	4 (2 used for internode communication)	NA
10 Gb SFP Ethernet ports[2]	4	NA
Server node and Storage Shelf 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]	(8.75 x 19.0 x 36.75) / (22.2 x 48.3 x 93.4) [5U]
Max weight with disk drives (lbs/kg)	51.28/23.26	317/144
Typical power consumption (watts)	300[3]	1047 / shelf
Max power consumption (watts)	1200[3]	4972 (with 4 storage shelves)
AC voltage range (Volts) (compute node voltage is auto-ranging)	90 to 140 180 to 264	200 to 240
AC frequency range (Hz)	47 to 63	50 to 60
Typical ampere ratings (A)	2.75 (90 to 140V)	5.65 (200V to 240V)

Environmental Specifications	Veritas Access 3340 Node	Storage Shelf
Operating Temperature (°F)/(°C)	(50 to 95)/(10 to 35)	(41 to 95)/(5 to 35)
Storage Temperature (°F)/(°C)	(-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; ENERGY STAR® compliant

[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 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 multicloud 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 or follow us on Twitter at @veritastechllc.

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