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Veritas Flex 5340 Appliance
Information-Defined data protection, on-demand.

OVERVIEW

The Veritas Flex 5340 is an Information-Defined appliance that delivers a range of solutions on-demand including data protection and tiering to public and private clouds. The Flex appliance simplifies IT by combining multiple on-demand data protection application instances into a single, integrated solution. Organizations often must support multiple deployments of servers for backup, data reduction and cloud tiering to meet differing requirements from multiple business and functional organizations. The Flex Appliance, utilizing Information-Defined application instances, has the versatility to consolidate multiple Veritas NetBackup™ deployments into a single resilient, and scalable solution. With this architecture, a single Flex 5340 Appliance enables on-demand deployment and easy configuration of multiple NetBackup and NetBackup Cloud Catalyst™ configurations—reducing costs and complexity.

Veritas Flex 5340 Appliance

VERITAS FLEX APPLIANCE HIGHLIGHTS

Improve data center efficiency.
Consolidating multiple NetBackup and NetBackup CloudCatalyst deployments on a Flex Appliance drastically reduces the number of server and storage devices requiring setup, management, maintenance, power, cooling, cabling and floor space—significantly reducing data center costs.

Flex Appliance Data Protection Application Instances (up to a maximum of six)
NetBackup master server
NetBackup media server with advanced disk storage pool
NetBackup media server with deduplication storage pool
NetBackup media server as NetBackup CloudCatalyst

On-Demand response to rapidly changing business environment.
Rapidly deploy infrastructure by configuring application instances into a complete data protection solution. Build systems to meet the specific information needs of a department or business unit.

Easily connect to multiple clouds.
Use NetBackup CloudCatalyst application instances to send deduplicated data for long term retention to the Veritas Access 3340 LTR Appliance and public clouds.

Improve uptime with high availability.
High availability provides efficient use of hardware resources in normal operating conditions and higher uptime in case of failure. In a high availability configuration the Flex appliance distributes the application instances across two nodes. In the event of failure, the application instances can be restarted in the surviving node. The ability to relocate an application instance from one node to another allows for greater control and efficiency in managing preventive maintenance.

Proactive monitoring with Veritas AutoSupport.
Monitors key hardware components and notifies the administrator of fault events.

PERFORMANCE		FLEX 5340	FLEX 5340 HA CONFIGURATION
Server Side Deduplication with 98% dedupe rate		37 TB/hr (33 TiB/hr)[1]	58 TB/hr (52 TiB/hr)[1]
Client Side Deduplication with 98% dedupe rate		196 TB/hr (178 TiB/hr)[1]	196 TB/hr (178 TiB/hr)[1]
TECHNICAL SPECIFICATIONS	FLEX 5340	FLEX 5340 HA CONFIGURATION	STORAGE SHELF
Number of server nodes	1	2	NA
Minimum system usable capacity	264 TB (240 TiB)[1]	264 TB (240 TiB)[1]	NA
Storage shelf usable capacity	NA	NA	264 TB (240 TiB), or 528 TB (480 TiB)[1]
Storage shelves (max)	4	4	NA
Max system usable capacity (TB)	1.9 PB (1.6 PiB)[1]	1.9 PB (1.6 PiB)[1]	NA
1 Gb Ethernet ports	4 (reserved for management)	4 (reserved for management)	NA
10 Gb Ethernet ports[2]	10	20	NA
Server node and Storage shelf dimensions H x W x D (in)/(cm)	(3.5 x 19.0 x 30.5) / (8.9 x 48.3 x 76.9)	(3.5 x 19.0 x 30.5) / (8.9 x 48.3 x 76.9)	(8.75 x 19.0 x 36.75) / (22.3 x 48.3 x 93.3)
Max weight per component, with disk drives (lbs/kg)	43 / 19.5	43 / 19.5[3]	288/131
Typical power consumption (W)	300	600[3]	1,047
Max power consumption (W)	600	1200[3]	1243
AC voltage range (V)[4]	(90 to 140) (180 to 264)	(90 to 140) (180 to 264)	200 to 240
AC frequency range (Hz)	47 to 63	47 to 63	50 to 60
Max ampere ratings (A)	3.03 (200V to 240V)	3.03 (200V to 240V)	5.65 (200V to 240V)
ENVIRONMENTAL SPECIFICATIONS	FLEX 5340	FLEX 5340 HA CONFIGURATION	EXPANSION SHELF
Operating Temperature (ºF)/(ºC)	(50 to 95)/(10 to 35)	(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%	10 to 80%
Operating altitude (ft)/(m)	(-100-9,842)/ (-30.5-3,000)	(-100-9,842)/(-30.5-3,000)	(-328-9,842)/ (-1000-3,000)
Max noise (dBA)	82	82	82
Typical Cooling (BTU/hr)	1,024	2,047	3,573
Max cooling (BTU/hr)	2,047	4,094	4,241

[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.
[4.] compute node voltage is auto-ranging | Flex Appliance software needs to be purchased with the appliance.

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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