VERITAS NETBACKUP™ 5330 APPLIANCE

A single-vendor, enterprise backup appliance for virtual and physical environments

VERITAS™

OVERVIEW

Veritas NetBackup™ 5330 is an integrated media server with storage. It delivers high performance, scalable capacity, and resiliency to address the most aggressive backup and recovery objectives in the data center while protecting both virtual and physical environments. Built on industry leading NetBackup software, the NetBackup 5330 Appliance offers both client and target deduplication to reduce network bandwidth and storage capacity requirements. With Auto Image Replication (AIR), the NetBackup Appliance may be geographically dispersed to meet today's ever-demanding DR requirements. As an integrated backup appliance, it addresses the OpEx and CapEx challenges organizations face today while preparing to modernize for the future.

NetBackup 5330 Appliance

PRODUCT HIGHLIGHTS

- **Ideal for enterprise environments**—Starting at 114 TB and expandable to 458 TB usable capacity, NetBackup 5330 is designed for larger enterprises and data centers requiring performance, capacity, and resiliency.

- **Media server role**—Deploy as a media server with storage within your NetBackup domain.

- **Fits into existing NetBackup environments**—Easily expand or refresh existing NetBackup environments without disrupting operations.

- **Optimum virtual machine protection**—Built-in support for VMware vSphere™ and Microsoft Hyper-V®, no proxy servers required.

- **Improve resource utilization**—Decrease backup storage up to 50 times and bandwidth consumption up to 99 percent.

- **Flexible deduplication options**—Deduplication at source or target; inline or post-process.

- **Dynamic storage**—Usable capacity can be any combination of 458 TB deduplication pool or Advanced Disk pool (non-deduplicated storage).

- **Eliminate point products**—Reduce the number of 3rd party point products such as target dedupe appliances, tape, or virtual tape libraries (VTL).

- **Address capital and operating expenditures**—Consolidate existing media servers and target dedupe appliances into an all-in-one appliance; reduce floor space, power and cooling costs.

- **Simple NetBackup Software Licensing**—Pay once for NetBackup software and freely replicate, change retention policies, and refresh hardware without penalties.

- **Heterogeneous cloud gateway**—Serves as a gateway unit for sending backups to supported cloud storage vendors.

- **Resilient hardware architecture**—Dual RAID controllers and multiple data paths deliver greater data protection and system availability, along with redundant hot swap components.

- **Veritas AutoSupport**—Monitors key hardware components and notifies the administrator of fault events.

TECHNICAL SPECIFICATION	NETBACKUP 5330	EXPANSION SHELF
Usable storage capacity (TB)[1]	114.6 or 229.2	114.6 or 229.2
Expansion shelves (max)	2	NA
Minimum system usable capacity	114.6	NA
Maximum system usable capacity	458.4	NA
1 Gb Ethernet ports	4	NA
10 Gb Ethernet ports[2]	2 to 10	NA
8 Gb Fibre Channel ports[3]	up to 8	NA
Dimensions H x W x D (inches)	10.5 x 19.2 x 32.5	7.0 x 19.0 x 32.5
Maximum weight, with disk drives (lbs)	282	232
Typical power consumption (watts)	1,595	847
Maximum power consumption (watts)	1,972	1,222
AC voltage range (Volts)	200 to 240	200 to 240
AC frequency range (Hz)	47 to 63	47 to 63
Maximum ampere ratings (A)	9.73 (200V to 240V)	4.72 (200V to 240V)
Mean time to repair (hours)	< 1	< 1
ENVIRONMENTAL SPECIFICATIONS	NETBACKUP 5330	EXPANSION SHELF
Operating temperature (°F/°C)	41 to 95/5 to 35	41 to 95/5 to 35
Storage temperature (°F/°C)	-40 to 158/-40 to 70	-40 to 158/-40 to 70
Operating humidity (RH)	10 to 85%	10 to 85%
Operating altitude (ft/m)	100 to 9,842/30.5 to 3,000	100 to 9,842/30.5 to 3,000
Maximum noise (dBA)	70	72
Typical cooling (BTU/hr)	5,442	2,890
Maximum cooling (BTU/hr)	6,739	4,180

PERFORMANCE

NetBackup 5330 delivers 147.7 TB/hour throughput.[4]

WARRANTY COVERAGE

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

MANAGEMENT

Through existing NetBackup Graphical User Interface.

PROTOCOL STANDARDS FOLLOWED

IPMI 2.0, SMBIOS 2.5, SAS 2.0a, 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

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ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies LLC enables organizations to harness the power of their information, with solutions designed to serve the world's largest and most complex heterogeneous environments. Veritas works with 86 percent of Fortune 500 companies today, improving data availability and revealing insights to drive competitive advantage.

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[1] Capacity values are calculated using Base2, (i.e. 1 TB = 1,099,511,627,776 bytes).

[2] Each node has 2 x 10 Gb Ethernet ports available as a base configuration.

[3] Each node has 0, 2, 4, 6, or 8 Fibre Channel port configurations available. In addition, each node has 4 dedicated Fibre Channel ports reserved for storage attach.

[4] Observed performance is based on peak throughput using 48 clients with 5 streams per client at 98 percent client deduplication

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