

NetBackup™ Flex 5360 Appliance

Cyber-resilient data protection for the enterprise core.

Overview

Data protection in the central data center requires the capacity and performance to support the most demanding workloads. The NetBackup Flex 5360 appliance is a turnkey cyber resilient data protection solution designed for this demanding environment. With its 2 PB capacity, bullet proof cyber resiliency, and high availability, the NetBackup Flex 5360 appliance provides a robust, cost-effective solution for the enterprise core.

Solution Highlights

Cyber resiliency against all attack vectors

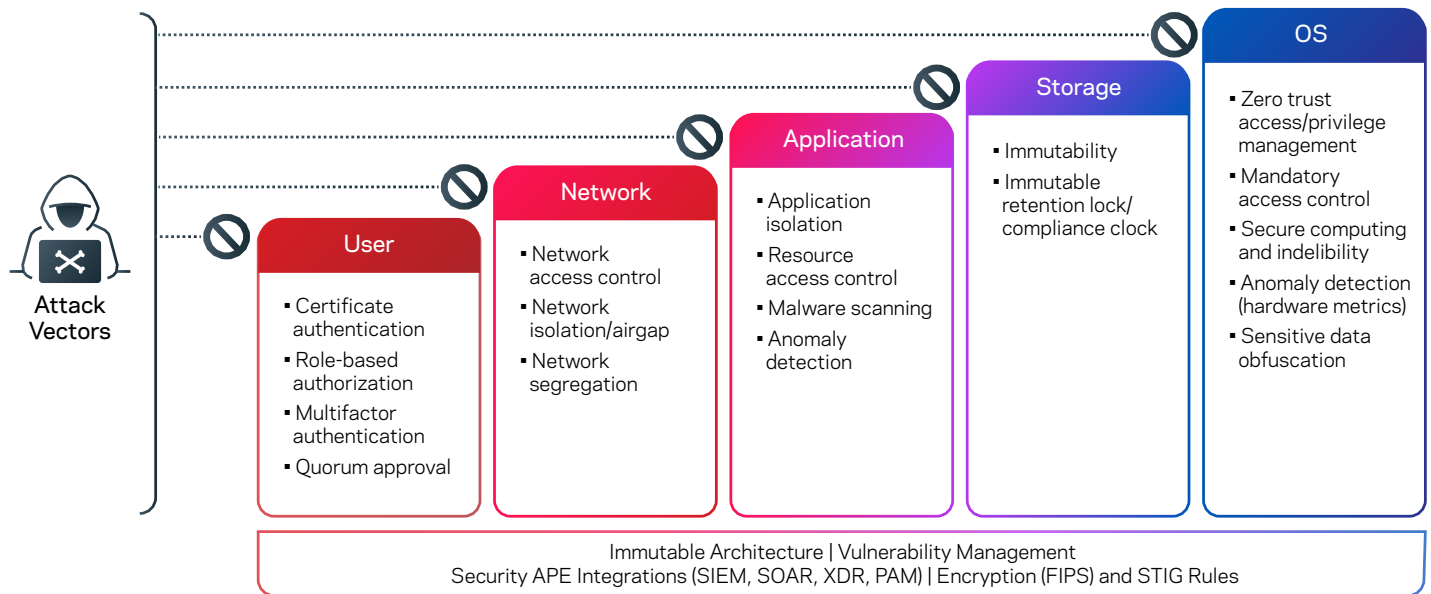


Figure 1. Veritas Appliances and Multi-Layered Security

Consolidate to Reduce Costs

Significantly reduce data center costs by consolidating multiple NetBackup deployments on a NetBackup Flex 5360 appliance. Drastically reduce the number of server and storage devices that require setup, management, maintenance, power, cooling, cabling, and floor space—saving CapEx and OpEx costs.

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 NetBackup Flex 5360 appliance runs application instances across two nodes. In the event of failure, you can restart the application instances in the surviving node.

Proactive monitoring with NetInsights Console

Monitors key hardware components, notifies the administrator of fault events, and makes recommendations for infrastructure optimization.

Performance

The NetBackup Flex 5360 appliance delivers 72.76 TB/hour throughput based on server-side deduplication, with a 98 percent deduplication rate.

Technical Specification	NetBackup Flex 5360 Appliance	NetBackup Flex 5360 Appliance High Availability	Storage Shelf
Number of server nodes	1	2	NA
Minimum system usable capacity (TB/TiB)	132 TB/120 TiB	132 TB/120 TiB	NA
Storage shelf usable capacity (TB/TiB)	NA	NA	120, 240, or 480 TB (Dependent on number and capacity of drives installed in shelf)
Storage shelves (max)	4	4	NA
Max system usable capacity (PB/PiB)	2.11 PB/1.92 PiB	2.11 PB/1.92 PiB	NA
1 Gb Ethernet ports	4	4 per compute node (Two used for internode communication)	NA
25 10 Gb Ethernet ports	4--8	8--16	NA
16 Gb Fibre Channel ports	Up to 6	Up to 12	NA
Server Node and Storage Shelf dimensions L x W x H (inches)/(cm)	(30.31 x 17.56 x 3.43)/ (77.0 x 44.6 x 8.7)	(30.31 x 17.56 x 3.43)/ (77.0 x 44.6 x 8.7)	(36.75 x 19.0 x 8.75)/(93.3 x 48.3 x 22.3)
Max weight per component, with disk drives (lbs/kg)	37 / 16.76	37 / 16.762	298/135
Typical power consumption (watts)	400	800	1,100
Max power consumption (watts)	1,100	2,200	1,400
AC voltage range (volts) (Compute node voltage is auto-ranging)	90-140 180-264	90-140 180-264	200-240
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)
Operating temperature (°F)/(°C)	(50- to 95)/(10- to 35)	(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	20%rh-80%rh non-condensing	20%rh-80%rh non-condensing	10%-80%
Operating altitude max (ft)/(m)	(10,006)/(3,050)	(10,006)/(3,050)	(-328-9,842)/(-1000-3,000)
Max noise (dBA)	70	70	82
Typical cooling (BTU/hr)	1,365	2,730	3,753
Max cooling (BTU/hr)	3,753	7,507	4,777

Warranty Coverage

One (1) year for parts replacement; 90 days for software

Management

Through the 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

About Veritas

Veritas Technologies is a leader in multi-cloud data management. Over 80,000 customers—including 95 percent of the Fortune 100—rely on Veritas to help ensure the protection, recoverability, and compliance of their data. Veritas has a reputation for reliability at scale, which delivers the resilience its customers need against the disruptions threatened by cyberattacks, like ransomware. No other vendor is able to match the ability of Veritas to execute, with support for 800+ data sources, 100+ operating systems, 1,400+ storage targets, and 60+ clouds through a single, unified approach. Powered by Cloud Scale Technology, Veritas is delivering today on its strategy for Autonomous Data Management that reduces operational overhead while delivering greater value. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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