

EMC ISILON BACKUP ACCELERATOR

High-speed scalable backup and restore solution



EMC Isilon Backup Accelerator

ESSENTIALS

- Support for LT03, LT04 and LTO5 tape devices:
 - Up to 240 MBps (compressed) per tape device
 - Up to 480 MBps or 1.7 TB per hour aggregate per Backup Accelerator
- Seamlessly joins an Isilon cluster on the fly in less than 60 seconds
- NDMP version 4.0, including:
 - NDMP direct backup to tape (2-way) and NDMP remote backup to tape (3-way)
 - NDMP direct-access restore (DAR)
- Supports industry-leading backup software

SIMPLY AND SEAMLESSLY SCALE TAPE BACKUP PERFORMANCE AND MINIMIZE BACKUP WINDOWS

Rapid data growth, limited IT resources, and shrinking backup windows impact business productivity. Yet, organizational requirements for tape backup, disaster recovery, compliance and archiving cannot be ignored. Reliable and fast system recovery in the event of system failures or disasters is essential.

The EMC Isilon Backup Accelerator provides a simple solution to scale backup performance to fit within your backup windows.

Extreme Backup and Restore Performance: The EMC Isilon Backup Accelerator is purpose-built to accelerate the backup process. It integrates seamlessly into your existing cluster through an InfiniBand connection to provide a dedicated resource for backup, ensuring that your Isilon scale-out storage system is fully utilized for production storage needs. It can drive up to four uncompressed LTO5 tape drives, with each Backup Accelerator delivering backup speed of up to 1.7 terabytes per hour, enabling you to meet very tight backup windows.

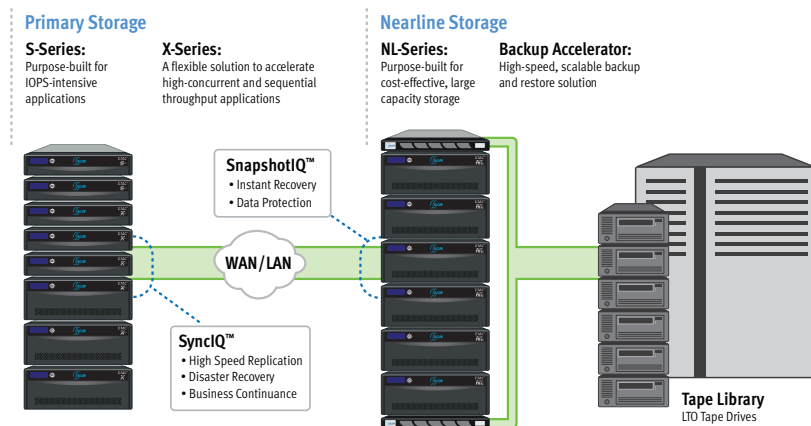
Enterprise SAN Tape Integration: The EMC Isilon Backup Accelerator provides a highly flexible solution that integrates with your current tape infrastructure and with existing backup software and processes. It supports both two-way and three-way NDMP to accommodate your specific infrastructure requirements.

Value and Ease of Use: With the Isilon unique scale-out storage architecture, you buy only what you need to back up your initial storage purchase. The Backup Accelerator scales in minutes, with no system downtime. EMC Isilon delivers more value by leveraging your existing investment, and makes management easier.

Specifications

ARCHITECTURE

EMC ISILON BACKUP ACCELERATOR ARCHITECTURE



PRODUCT ATTRIBUTES

Backup Network	Quad-port 4Gbps Fibre Channel
ECC Memory	8 GB
CPU	Intel Quad-Core 2.3 Ghz x Two (2)
Intracuster Networking	Two (2) InfiniBand® connections

ENVIRONMENTAL SPECIFICATIONS

Power Supply	Dual, 650W, Redundant, Hot Swappable with Power Factor Correction
AC Input/Power Consumption	100-240 VAC, 60-50 Hz, Auto-Ranging, typical: 3.1A-1.25A, max: 4A – 1.5A
Thermal Rating	Typical: 1,250 BTU/hour (360W), Max: 1,350 BTU/hour (400W)
Operating Environment	50° F to 95° F (10° C to 35° C), 5% to 95% relative humidity, non-condensing
Non-Operating Environment	40° F to 149° F (-40° C to 65° C), 5% to 95% relative humidity, non-condensing
Dimensions/Weight	Height: 1.72” (4.4 cm), Width: 18.87” (47.9 cm), Depth: 28.6” (72.6 cm), Weight: 30 lbs / 13.6 kg
Altitude	0-7,000 ft
Minimum Service Clearances	35” (88.9 cm), Rear: 14” (35.6 cm)

INDUSTRY CERTIFICATIONS

North American (NA) Safety
UL/cUL Listing (UL 60950-1:2003, First Edition)
CSA C22.2 No.60950-1-03

International Safety
CB Scheme IEC 60950-1 (2001) First Edition
with all national deviations

European Union (EU) Safety
CE, Low Voltage Directive

NA EMC
US FCC Part 15/ Canada IC ICES-03

International EMC
EU EMC Directive (EN 55022 & EN 55024)
Japan (VCCI)
South Korea (MIC)
China (CCC)

We support and are certified with:

- Symantec NetBackup
- CommVault Simpana
- EMC Networker
- Quest NetVault
- IBM Tivoli Storage Manager
- Atempo Time Navigator

CONTACT US

To learn more about how EMC Isilon products, services, and solutions help solve your business and IT challenges contact your local representative or authorized reseller—or visit us at www.EMC.com/Isilon

ISILON COMPREHENSIVE STORAGE SOLUTIONS... POWERFUL, YET SIMPLE

The EMC Isilon Backup Accelerator fully integrates with Isilon scale-out storage solutions. The Isilon NL-Series, X-Series, and S-Series product lines provide a complete portfolio of innovative solutions that drive business value for customers by optimizing their mission-critical applications, workflows, and processes. EMC Isilon enables enterprises and research organizations worldwide to manage large and rapidly growing amounts of data in a highly-scalable, easy-to-manage, and cost-effective way.

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