



Highlights

- Enable cost-effective tape storage for cloud and analytics infrastructures with IBM® Spectrum Archive™, combined with the scalability, manageability and performance of IBM Spectrum Scale™
 - Help reduce IT costs by replacing tiered disk storage (Tier 2 and Tier 3) with IBM tape libraries
 - Expand archive capacity in up to two libraries without impacting the availability of data in the pool
 - Improve data availability and total capacity with support for up to two libraries in a single file system
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IBM Spectrum Archive Enterprise Edition

Enabling the most-effective storage for managing explosive data growth

IBM Spectrum Archive is a member of the IBM Spectrum Storage™ software portfolio which is designed to address data storage inefficiencies by changing the economics of storage with a layer of intelligent software. This software creates an efficient “data footprint” that dynamically stores every bit of data at the optimal cost, helping maximize performance and ensuring security.

IBM Spectrum Archive Enterprise Edition (Spectrum Archive EE) gives organizations an easy way to use cost-effective IBM tape drives and libraries within a tiered storage infrastructure. By using tape libraries instead of disks for Tier 2 and Tier 3 data storage—data that is stored for long-term retention—organizations can improve efficiency and reduce costs related to storing growing amounts of data. Spectrum Archive EE seamlessly integrates with the scalability, manageability and performance of IBM Spectrum Scale, an IBM enterprise file management platform that enables organizations to move beyond simply adding storage—to optimizing data management.

Using the IBM Linear Tape File System™ (LTFS) format, Spectrum Archive EE provides direct, intuitive and graphical access to data stored in IBM tape drives and libraries using Linear Tape-Open (LTO) Ultrium generation 7, 6 and 5 tape cartridges, as well as in IBM 3592 cartridges in libraries with IBM TS1140 and IBM TS1150 tape drives. It eliminates the need for additional tape management and software to access data.



With Spectrum Archive EE, accessing data stored on an IBM tape cartridge—instead of on disk—is transparent. IBM Spectrum Scale keeps a pointer to the data on tape and, if requested, retrieves the data without user or operator intervention. By leveraging the capabilities of Spectrum Scale, Spectrum Archive EE enables high performance and reliable access across the storage infrastructure. In turn, Spectrum Archive EE enables Spectrum Scale installations to add extensive capacity with lower media, floor space and power costs. And with policy-based migration, archive capacity can be expanded without impacting data availability.

Spectrum Archive EE enables organizations improve the cost-effectiveness of their cloud and analytics infrastructures by enabling:

- Operational storage tiers with tape, rather than storing cold data on costly disk storage.
- Storage of digital assets for the long term, so assets can be referenced and monetized for years to come.
- Creation of copies of data on operational storage, improving the efficiency and cost effectiveness of a tiered storage infrastructure.

IBM Spectrum Archive Enterprise Edition at a glance

Hardware requirements

Supported tape systems	IBM TS4500 Tape Library IBM TS3500 Tape Library IBM TS3310 Tape Library Up to two libraries supported in one file system
Supported tape media	LTO Ultrium 7, 6 and 5, and IBM 3592 JB, JC, JD and JK and JL
Software prerequisites	IBM Spectrum Scale
Supported server architecture	x86 or compatible
Supported operating systems*	Red Hat Enterprise Linux SUSE Linux Enterprise Server
Warranty	Multi-year warranty agreement Object code-only license under International Program License Agreement (IPLA)

For more information

To learn more about IBM Spectrum Archive Enterprise Edition, please contact your IBM representative or IBM Business Partner, or visit:

ibm.com/systems/storage/spectrum/archive



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IBM Systems
Route 100
Somers, NY 10589

Produced in the United States of America
December 2015

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Actual available storage capacity may be reported for both uncompressed and compressed data and will vary and may be less than stated.

* For specific level of operating system support, visit: <http://pic.dhe.ibm.com/infocenter/lfsee/cust/index.jsp>



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