GLOBAL BANKING LEADER SELECTS VSM FOR ARCHIVING

Learn why one of the top 50 banks in the world selected Versity to archive data and improved their NetBackup data backup and recovery workflow.

SOLUTION FOCUS
- Financial Sector
- NetBackup Archiving
- Object and tape hybrid solution

CHALLENGE
- Regulatory compliance
- WORM
- Archive without changes to workflow

SOLUTION
- Versity Storage Manager (VSM)

KEY BENEFITS
- Automatic tiering to both tape and private cloud (object)
- 'Plugin' to NetBackup with no special modifications
- WORM capable
- Reduced number of tape drives
- Direct customer support
- Strong product roadmap

A diversified global banking and financial services firm selected VSM to protect its mission critical financial data.

The bank is a leading commercial bank focused on trade finance, business and institutional customers. Present in more than 60 countries around the world with over 50,000 employees, the volume of backup and archival data is immense and growing rapidly.

The bank utilizes NetBackup to capture full and incremental backups from over 5,000 servers, but due to the high volume of data generated and strict regulatory requirements for data retention, the bank needed a higher performing data storage solution as a target for the Netbackup software. They searched for a solution that would utilize their tape hardware more fully and effectively while supporting strict compliance requirements for file retention and immutability (WORM). A key requirement for the solution was a seamless integration with the existing NetBackup application and workflow.
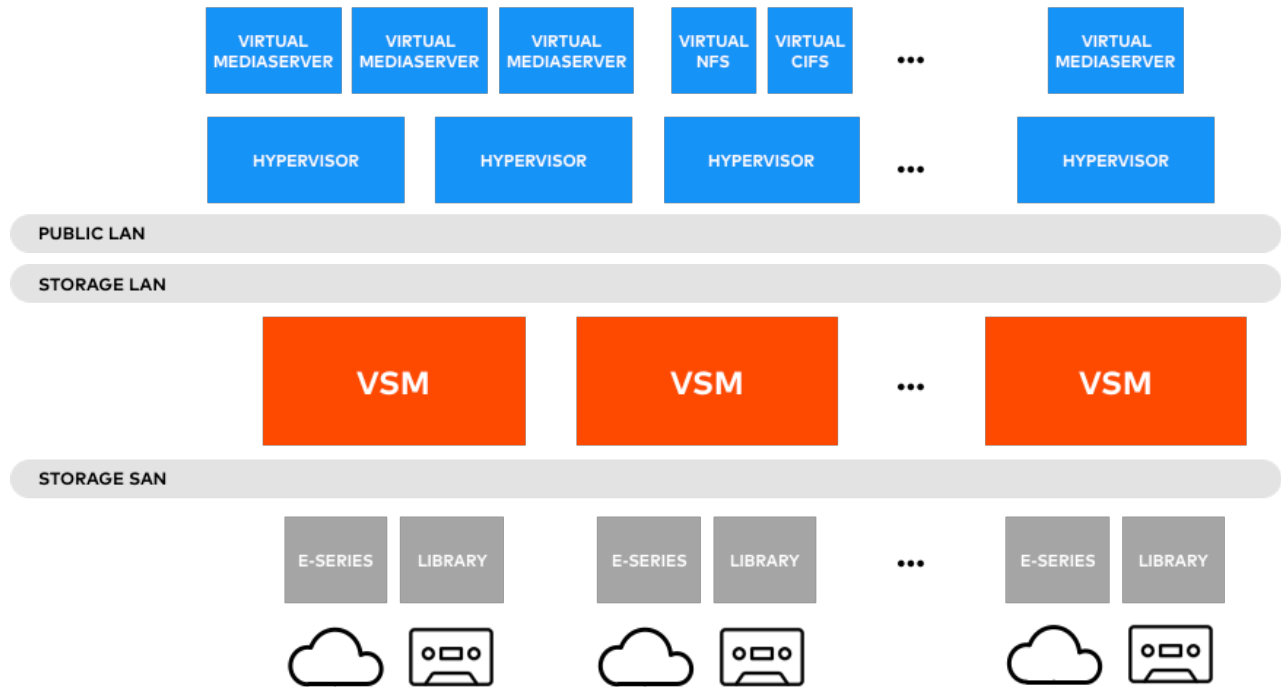
> "Versity enabled us to keep our workflow exactly the same while dramatically increasing performance and reducing the number of tape drives."

The bank selected VSM for their data archiving solution after evaluating all of the major archive software vendors. VSM was a perfect fit for resolving the banks large scale data storage challenges. The solution was implemented as a hybrid tape and on premise object storage solution to improve the overall data management workflows, increase speed, and achieve the lowest possible cost per GB.

A hybrid cloud approach: tape and object

The bank elected to deploy both on premise object storage and tape together to achieve an optimal mix of cost and performance. NetBackup writes out large data sets, along with small catalog files that contain information about the larger data sets. A single backup is therefore comprised of many large data sets and also many smaller catalog files. This mixture of large and small files is common in many large

DEPLOYMENT DIAGRAM

archive verticals and is particularly challenging for products that struggle with small file performance.

By configuring VSM to automatically sort, group, and store the smaller catalog files on the object storage system, while writing the larger files to tape, the bank was able to gain dramatic improvements in efficiency without changing their workflow. Faster time to first byte on the object copies saved valuable time when running file retention checks.

VSM supports both object and tape from the same file interface, so cloud copies are supported without the addition of special gateways or object protocols.

Impact: saved time and money

With VSM deployed the bank was able to maintain its existing backup software and workflow, speed up file retention checks, and dramatically improve tape handling efficiency. The number of tape drives in one data center was reduced by more than 50% after directing Netbackup writes to a VSM mount point instead of sending Netbackup data directly to the tape library. Even with fewer tape drives, read and write performance from each tape library was improved. The bank was able to deploy VSM software define storage on

commodity hardware without any disruption to existing tape or private cloud infrastructure.

The bank is pleased with Versity's direct engineering support model, which gives them direct access to knowledgeable engineers who are available to talk to about archiving issues and provide product support.

ABOUT VERSITY

Versity Software is the leading independent large archive software company. Redefined business practices set us apart from the legacy big company archive vendors. Discover what it's like to love your archive solution!

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