PoINT Storage Manager

Connector for NetApp StorageGRID Webscale

The Challenge

Most primary storage systems are overloaded with inactive, unstructured data. Files that aren't accessed for months, or even years, utilizing primary storage, are an inefficient use of enterprise resources. Space that should be used for active files is consumed rapidly, while backup windows continue to grow unabated.

Enterprises need a way to manage and optimize unstructured data: keeping active files on fast primary storage, moving inactive files to an archive tier, all while maintaining seamless user access and ensuring data integrity.

The Solution

PoINT Storage Manager leveraging object storage with NetApp StorageGRID Webscale provides the solution to this dilemma while enabling new capabilities.

PoINT Storage Manager integrates NetApp StorageGRID Webscale into the existing storage infrastructure without the need for costly changes and disruptions. PoINT Storage Manager performs policy-based file tiering and archiving from primary storage systems to StorageGRID Webscale while maintaining transparent user access to all data.

Tiering and Archiving Methods

PoINT Storage Manager supports multiple tiering and archiving methods. These methods include copying of files (copy mode), moving of files (data mover mode), and stubbing of files (HSM mode).

The HSM mode is supported for the following primary storage systems:

- NetApp storage systems
- Windows® NTFS-based storage

Advanced Replication and Data Protection

By leveraging StorageGRID Webscale as an archive tier, PoINT Storage Manager is able to take advantage of intelligent policy-based data protection and replication. StorageGRID Webscale is typically deployed as a multisite solution; data is replicated based on policies determining durability, location, and storage grade. This means that complex and expensive operations such as backup and disaster recovery are greatly simplified.

HIGHLIGHTS

- Optimize data placement with policy-based file tiering and archiving
- Enable transparent user access to archived files
- Simplify disaster recovery with advanced data replication and protection
- Recover valuable primary storage space and shrink backup windows

SOLUTION COMPONENTS

- PoINT Storage Manager
- NetApp StorageGRID Webscale
- NetApp E-Series

Enable Business Retention

Customers who must comply with government laws and regulations can leverage PoINT Storage Manager to provide a storage layer that prevents alteration or deletion of files. Administrators create retention policies that protect content for a period determined by business, legal, or government requirements.

Drive Cost Savings

By freeing up valuable primary storage, customers can delay purchases of new arrays or additional disk. Less data on primary storage also means shorter backup times and simplified data management. PoINT Storage Manager and StorageGRID Webscale let customers automate optimal data placement, driving significant savings and enabling new capabilities.

Software Development Kit

System integrators can use the Software Development Kit (SDK) to incorporate the functionality of PoINT Storage Manager into applications using an API. This API provides the control of policy-based file tiering and archiving as well as comprehensive query and administrative functions.
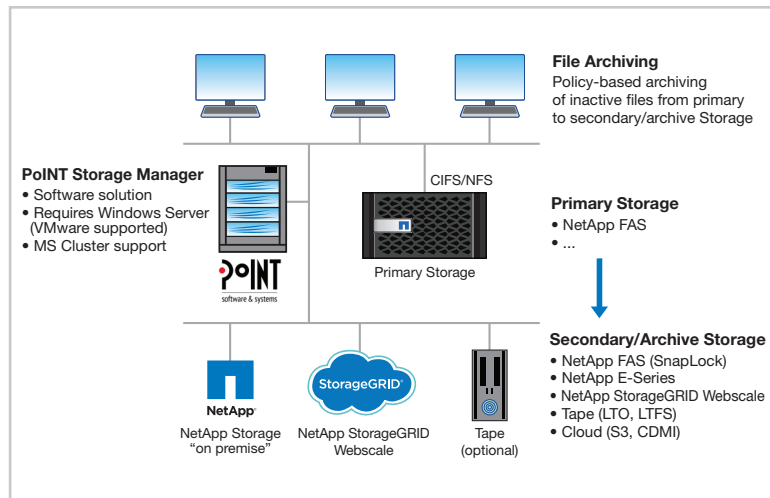

DIAGRAM 1: PoINT STORAGE MANAGER ENABLES ADVANCED FILE TIERING AND ARCHIVING WITH ENTERPRISE GRADE OBJECT STORAGE FROM NETAPP STORAGEGRID WEBSCALE.
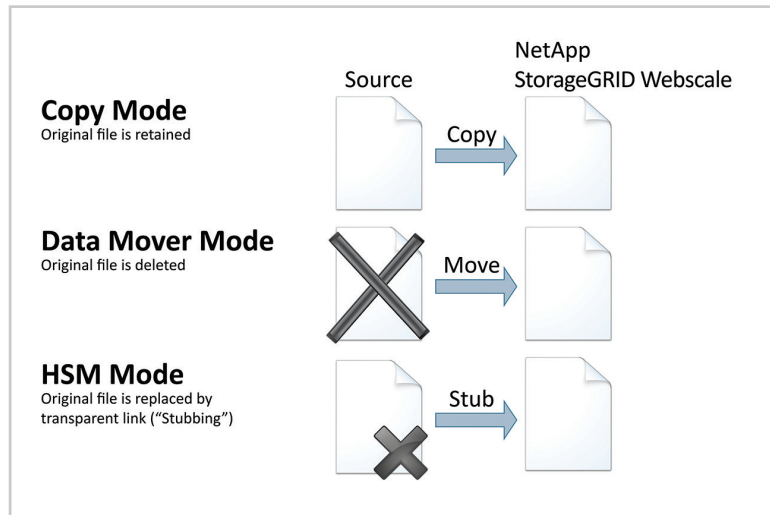

DIAGRAM 2: PoINT STORAGE MANAGER ENABLES ADMINISTRATORS TO CHOOSE AND APPLY ARCHIVE OPTIONS BASED ON GRANULAR AND INTELLIGENT POLICIES.

ABOUT PoINT

PoINT Software & Systems is specialized in the development of software products for storage and management of data using all available mass storage technologies. PoINT products are distributed world-wide and have an installed base of more than 2 million. Read more at www.point.de.

ABOUT NETAPP

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future. www.netapp.com.