EMC FILE MANAGEMENT APPLIANCE

Simple, scalable, policy-based file tiering and archiving

ESSENTIALS

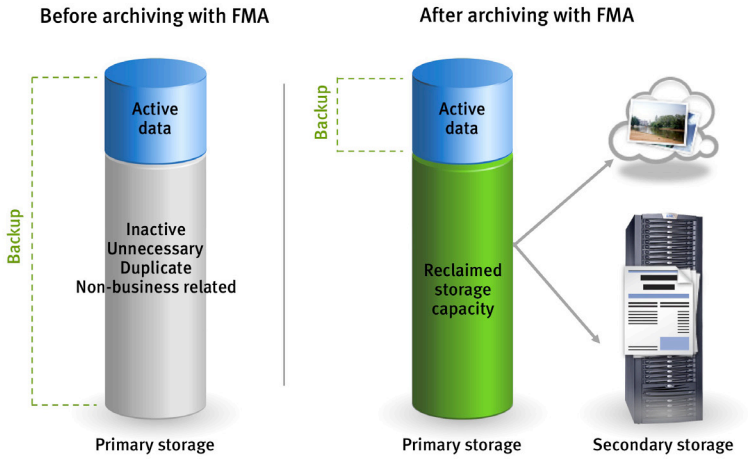
- Automated file movement and retrieval across multiple storage tiers
- Robust policy engine supports flexible rules for inclusion and exclusion
- Potential impact of file placement policies can be simulated before they are implemented
- Preserves NAS functionality and processes, including snapshots, backup/recovery, and anti-virus
- Supports a variety of target storage platforms including EMC VNX, EMC Celerra, EMC Centera, EMC Atmos, EMC Data Domain, and Microsoft Windows

As you face the challenges of the explosive growth of unstructured data, you must find a way to simplify NAS management and reign in storage costs. Policy-based file tiering , a low-cost strategy for addressing the pains of data growth by relocating inactive data to lower cost storage, can help you meet these challenges by:

- Improving capacity utilization of high-cost, high-performance primary storage
- Reducing the amount of data backed up from primary storage
- Lowering the TCO of your NAS infrastructure as part of an information lifecycle or tiered storage strategy

Deploying a tiered storage infrastructure and automating file movement is quickly becoming a best practice in managing the data explosion. The EMC® File Management Appliance (FMA) automates policy-based file movement, providing a foundation for a cost-effective, tiered storage strategy. FMA optimizes primary NAS storage by automatically moving inactive files to less expensive secondary storage. Archived files appear to users and applications as if they are on primary storage and are quickly retrievable.

Active archiving with FMA can dramatically improve your data protection and recovery time and support additional business requirements such as compliance and retention. Backup activities on primary storage need only address active files.



A SEAMLESS SOLUTION

File Management Appliance is integrated with storage platform APIs, so native functionality and existing processes can be maintained, providing a transparent experience for the storage administrator. FMA stub files are protected by existing snapshot and backup procedures, but at the same time, backup and anti-virus software will not recall files from archive. Compliance functionality available in the underlying storage is complementary to FMA data placement, and files that have not met their retention periods will not be deleted.

A FLEXIBLE SOLUTION

FMA is architected to work within your business requirements, not the other way around. Features such as multi-level tiering and archive repository migration enable storage administrators to have control over data placement and take advantage of other storage platforms in the data center. FMA can even move files from one tier to another within the same system.

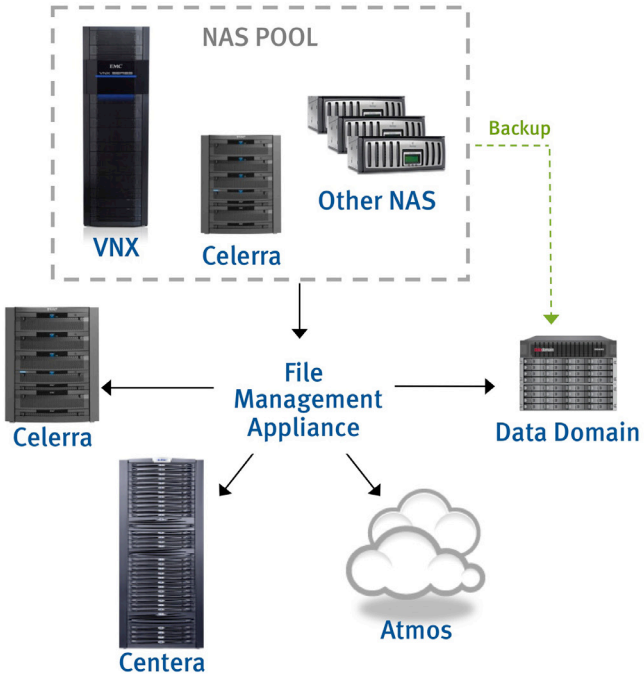
FLEXIBLE DEPLOYMENT OPTIONS

File Management Appliance is a purpose-built appliance with integrated software and EMC-certified hardware for easy ordering, installation, and service. FMA can be deployed on a standalone basis or in an HA configuration. Built-in high availability—no additional clustering software is needed—provides continuous, non-disruptive file recall, ensuring mission-critical files are always available.

File Management Appliance/VE is a virtual appliance that enables you to leverage your virtualized server environment by deploying the File Management Appliance technology onto an existing VMware ESX™ or vSphere server.

FLEXIBLE PLATFORM SUPPORT

File Management Appliance supports a variety of target storage platforms, and policies can be defined to move files to different targets based on business needs. Cloud storage is an ideal archive repository, and FMA can move inactive files onto Atmos or external clouds powered by Atmos. Files can be moved to lower-cost drives on VNX systems, and then file deduplication and compression will provide further efficiencies. Centera is a purpose-built archive storage platform with rich compliance functionality for organizations with stringent retention requirements. Archiving onto EMC Data Domain allows you to use the same system for backup and archive; you can employ Data Domain deduplication functionality across backed up and archived files.



DESIGNED FOR THE ENTERPRISE

The scalability and manageability advantages designed into File Management Appliance enable the product to easily support large NAS environments.

SCALABILITY

FMA is deployed non-disruptively and the archiving process operates completely out-of-band. As your NAS environment grows, you can easily add additional storage systems to FMA as source or target platforms.

With FMA, all the information required for recall is contained in a small stub file—there is no persistent metadata that controls the location of files. This means no database must be maintained, backed up, and protected.

MANAGEABILITY

FMA enables you to manage file archiving policies across your entire network from one simple interface. You can automate the placement of files across storage tiers without increasing management tasks or negatively impacting existing procedures. Advanced file management features enable storage administrators to recover stub files, identify and address orphan files, and track versions.

CONTACT US

EMC File Management Appliance helps you lower capital expenditures and reduce the total cost of ownership of network storage by increasing storage efficiency. To find out how it can do the same for you, contact your EMC sales representative or visit our website at www.EMC.com.

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