

TIERING TO THE CLOUD WITH EMC FILE MANAGEMENT APPLIANCE AND EMC ATMOS

Implement an automated, policy-based file tiering strategy with ease

ESSENTIALS

Optimize your NAS investment

- Control unstructured content by transparently moving inactive files from Tier 1 or Tier 2 NAS storage to the cloud

Scale limitlessly

- Avoid 16 TB file system capacity limits
- Add capacity non-disruptively
- Optionally flex out to public cloud services

Maximize TCO

- Reclaim primary storage capacity
- Leverage secure multi-tenancy, allowing a single cloud infrastructure to support additional business initiatives

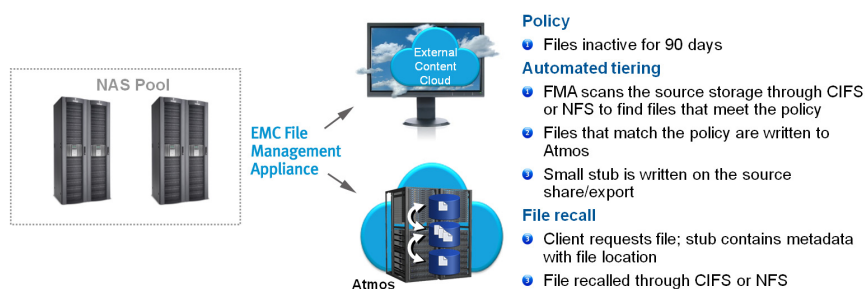
Growing file systems not only drive up your organization's capital expenditures, but also result in inefficiencies and disruption to business operations. Industry research finds that, on average, more than two-thirds of an organization's data has not been accessed in at least 90 days.

A tiered storage strategy based on EMC® File Management Appliance and EMC Atmos™ cloud storage enables your organization to align storage growth, data access, and retention requirements. By automatically moving information to the appropriate class of storage based on its value throughout its lifecycle, the solution enables your organization to achieve lower TCO and improved IT productivity.

With scheduled policies to move inactive data off of primary storage, your organization can:

- Cap the growth of individual filers, file systems, and snaps
- Back up and recover faster
- Reduce management complexity and overhead
- Lower overall storage costs

With the File Management Appliance and Atmos solution, a single vendor installs and supports your information lifecycle management (ILM) infrastructure. Whether unstructured content resides on an EMC Celerra® or NetApp infrastructure, the solution is transparent—providing ease of use and operational efficiency.



A tiered storage strategy utilizing EMC File Management Appliance and EMC Atmos enables organizations to move information to the appropriate class of storage based on its value throughout its lifecycle

SEAMLESS DATA MOBILITY

EMC File Management Appliance automates policy-based file tiering. Integrated with EMC Celerra FileMover and NetApp APIs, File Management Appliance provides seamless data movement from primary NAS storage to lower cost disk, including Atmos cloud storage.

File Management Appliance enables organizations to quickly implement a tiered storage environment. The product enables your organization to:

- Create policies through GUI wizards or a command line interface
- Preview the results of the policy before running it on production data
- Schedule the tiering task
- Automatically move files to Atmos cloud storage

The entire process is completely transparent to end users. Clients and applications see tiered files as though they haven't moved. And when a client or application attempts to update these files, they are quickly retrieved from Atmos.

EMC ATMOS AS A STORAGE TIER

Atmos natively supports web services access from File Management Appliance to provide firewall-friendly interaction with a scalable pool of storage over the LAN or WAN. That pool can either be accessible globally across sites or securely separated into multiple tenants to delineate content owners of applications. Through the powerful and flexible Atmos policy engine, administrators can control content replication, distribution, and storage efficiency—dramatically reducing storage management and related data protection chores without utilizing additional software. Atmos also natively provides the ability to:

- Scale on demand in a unified namespace
- Manage access to and data protection of multiple sites from a single pane of glass
- Leverage external clouds powered by Atmos for greater flexibility
- Drive even greater value by leveraging other Atmos use cases via multi-tenancy—such as operating infrastructure-as-a-service or content-rich applications
- Achieve lower TCO versus tier one solutions

AUTOMATED, POLICY-BASED CLOUD TIERING

Tiering to the cloud with File Management Appliance and Atmos can help your organization improve IT productivity and lower TCO. If you're wondering whether your organization is ready to implement cloud storage with automated file tiering, consider the following questions:

- Do you have archive content on primary storage?
- Is primary storage growth challenging and expensive?
- Are full backups impacting production storage availability?
- Are you running out of space, power, or cooling in your data center?
- Is your staff increasingly spending valuable time managing available disk capacity?
- Do you have plans to consolidate multiple secondary tiers or archive sources into a single cloud tier?
- Would you consider extending some of your archive into an external public cloud?
- Is an OPEX-based business model desirable for your organization?

If the answer is yes to any of these questions, the File Management Appliance and Atmos solution can bring needed relief to your IT department.

CONTACT US

To learn more about tiering to the cloud with EMC File Management Appliance and EMC Atmos, visit www.EMC.com or call **800.607.9546** (outside the U.S.: +1.925.600.5802).

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