

IMPROVE STORAGE EFFICIENCY

EMC Cloud Tiering Appliance and EMC Data Domain Deduplication System

ESSENTIALS

- Archive inactive information without disruption
- Manage explosive data growth by reclaiming primary storage capacity
- Consolidate backup and archive in a single system
- Improve recovery time objectives by removing inactive data from the recovery process
- Deduplicate backup and archive data

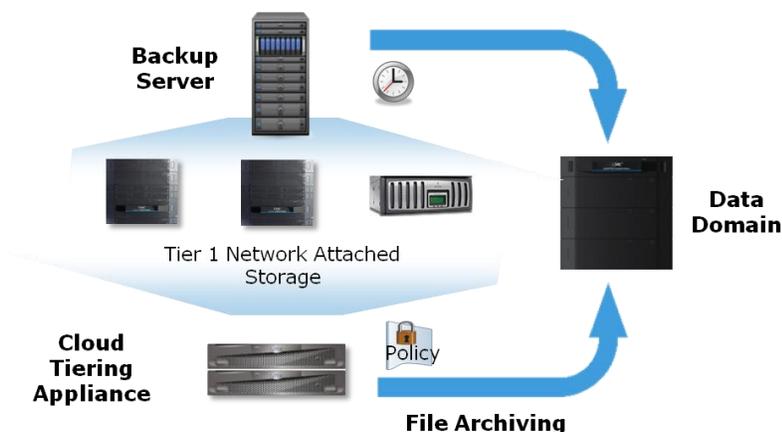
FILE ARCHIVING TO OPTIMIZE PRIMARY STORAGE

Rapid growth of unstructured data not only drives up an organization's capital expenditures, but also results in storage related inefficiencies and disruption to business operations. Many organizations report that, on average, more than two-thirds of their data has not been accessed in at least 90 days. Moving inactive or infrequently accessed information to a secondary storage tier frees up primary storage capacity, resulting in lower TCO and improved application performance. Archived files are protected with features built into the deduplication storage system, such as file retention, yet can easily be recalled online by end users in seconds.

EMC INTEGRATED SOLUTION

EMC® Cloud Tiering Appliance combined with EMC Data Domain® provides an enterprise-class file tiering solution to simplify and optimize file lifecycle management. Data Domain deduplication storage systems provide a consolidated platform for backup and archive and significantly reduce total storage requirements. In addition to unmatched performance and value in this combined solution, you require only one vendor to install and support your complete information management infrastructure.

- Improve the utilization of your Tier 1 or primary storage
- Reduce server outages as a result of running out of disk space
- Reduce your staff's time spent managing available disk capacity



An archiving strategy based on EMC Cloud Tiering Appliance and EMC Data Domain deduplication storage enables organizations to move data to the appropriate storage tier based on its value throughout its lifecycle.

EMC CLOUD TIERING APPLIANCE

EMC Cloud Tiering Appliance is architected with a robust policy engine that automates file tiering, providing transparent data movement on a per-file basis from primary storage (EMC® VNX™, EMC® Celerra®, and NetApp) to Data Domain and other EMC storage and public cloud storage. The entire process is completely transparent to end users; clients and applications will see the archived files as though they have not moved.

Cloud Tiering Appliance makes implementing your archive strategy easy:

1. Create policies through GUI wizards or the command-line interface
2. Preview the potential impact of a policy before moving data
3. Schedule policies to run immediately or at regular intervals
4. Cloud Tiering Appliance automatically move files to designated storage

EMC DATA DOMAIN STORAGE SYSTEMS

EMC Data Domain deduplication storage system cost-effectively stores your archive data keeping it online for fast, reliable access and recovery. Data Domain systems provide a capacity-optimized storage tier for consolidated protection of backup and archive data in a single system. Data Domain systems offer network-efficient replication, inline deduplication, and continuous fault detection and self healing, via the EMC Data Domain Data Invulnerability Architecture, for extended on-site and off-site retention and reliable recovery. EMC Data Domain Retention Lock software provides immutable file locking and secure data retention capabilities to satisfy IT governance and strict regulatory compliance (SEC 17a) policies for active archive protection. Critical business information is available until a specified retention date, at which time the data can be deleted if necessary.

SEAMLESS INTEGRATION

EMC Cloud Tiering Appliance and EMC Data Domain storage systems offer seamless integration into your existing storage infrastructure. Cloud Tiering Appliance is integrated with EMC VNX FileMover and third-party storage platform APIs, so native functionality and existing processes can be maintained, providing a transparent experience for the storage administrator. Data Domain supports simultaneous integration with existing backup and archive environments. Data Domain supports leading industry protocols including VTL, CIFS, NFS, NDMP and EMC Data Domain Boost. Information that is moved to Data Domain is stored efficiently when deduplicated along with backup data.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at www.EMC.com.

EMC², EMC, the EMC logo are registered trademarks or trademarks of EMC Corporation in the United States and other countries. © Copyright 2012 EMC Corporation. All rights reserved. Published in the USA. 08/12 Solution Overview. H4872.3 EMC believes the information in this document is accurate as of its publication date. The information is subject to change without notice.