

Datasheet

NetApp E-Tiering Cloud Appliance

Effortless Tiering of Inactive file data with a single appliance with Enterprise Primary Analytics included!

KEY BENEFITS

A single appliance for Tiering and storing of Inactive file data which is quick to implement, easy to use, cost effective and simple to buy. Just plug in power and connect your network, and start Tiering in an instant!

THE NETAPP E-TIERING CLOUD APPLIANCE OFFERS:

- Single appliance to manage all Tier 2 file data
- From almost any source
- Simple Installation - Plug in power and your network, and you're one simple setup away from production
- Comprehensive feature set to address almost any customer Tiering challenge
- Highly scalable for small systems up to the large enterprise (multiple TB to multiple PB)

The Challenge

Managing the Inactive file data explosion

- Companies are grappling with the explosion of file data. More and more are turning to Tier II solutions for the bulk of their Inactive file data.
- Today, file data is on average 85% of all corporate data and is growing by 40% - 50% per year.
- The challenge facing storage administrators is providing an appropriate platform for this Inactive file data.
- Inactive file data growth on Primary Storage is prolonging back-up cycles, consuming resources designed to maximise end user performance, consuming unnecessary management overhead and costing millions in unnecessary primary storage extensions and upgrades.
 - In certain sectors, where storage environments are dominated by machine generated data like medical scans, satellite imagery and video surveillance, the growth rate is as high as 300% per year.
 - After creation, less than 2% of this file data will ever be accessed by an end user again.

The Solution

One appliance to deliver a comprehensive solution for the management of inactive files

- The NetApp E-Tiering Cloud appliance offers an all-in solution with unbeatable features and benefits including quick deployment, infinite scalability, automated lifecycle management, extended Metadata capture, Cloud Connectivity (i.e. S3) and much more.
- The appliance can Tier file data from almost any platform that stores Files including CIFS/NFS, NetApp, EMC, HDS, Dell and more...
- File & Block - Archives File data from almost any storage system and provisions multi purpose block storage.

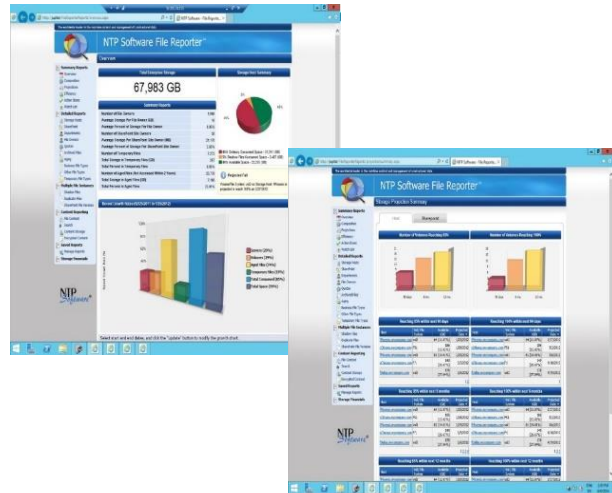
Why the ETCA Wins

Unlike other solutions that keep you guessing, the ETCA gives you the insight into your primary tier and archive that provides a compass to smart decisions.

- Past archiving solutions burden networks with repetitive file system scans while providing limited end user access for the archived data
- Past archiving solutions are often very expensive and complex to implement leading to unattractive ROI

Primary Storage Reporting: The ETCA allows users to do what no other appliance does; set an archive strategy based on a comprehensive understanding of their primary tier. With the ETCA comes the ability to see:

- Which files are aged/inactive
- Which files are junk/inappropriate
- How much of your primary tier disc can be recovered through archiving.
- Trends and insights into future needs



Non-disruptive and seamless integration with end-user community

One of the great strengths of the NetApp E-Tiering Cloud Appliance is the ability to manage end user access.

Stubbing is managed in one or more of three ways:

- Active Stubs or Pointers for NetApp, Windows and Celleria. These utilise storage operating system support with features like an off-line attribute so virus scans do not try and rehydrate files.
- Stubless Access through a Web Portal for customers who do not want stubs left in the user directories.

Security & Resiliency

- The Appliance is very resilient as it uses DDP (effectively RAID 6). Along with best practice primary back up policies, this is sufficient for most customers.
- Multi Replica can also be implemented for further protection.
- This can be implemented in a variety of ways depending on the customer requirements.
- Separate systems on the primary and/or secondary and our solution can move data from different shares to a choice of secondaries or to their choice of destinations on the Appliance.

Create any TB configuration and Geo deployment scenario with the E Tiering cloud appliance. Sizes start from:

- 48TB scalable to 48 Petabytes
- Prices are by appliance and TB based
- Comprehensive appliance Support and maintenance (single point of contact) for 3 years is included

This new age of big data requires the most advanced technology and experienced industry-leading experts to deliver solutions that can span the largest global enterprises. Work continues uninterrupted, networks are unburdened, and the file data is managed on a lifecycle-appropriate platform. NetApp and its partners have combined their expertise to deliver this one-of-a-kind solution.

Why not try a real appliance in your data center this month? Setup in minutes, test in hours, production tiering in days!

The ETCA is the perfect platform for what customers really want a 3 Tier strategy that involves on-premise and archiving to Cloud solutions like Azure and Amazon based on a robust policy engine.