

# NETAPP CLOUD TIERING



## THE PROBLEM

With the overwhelming data growth, IT admins struggle to manage their primary storage capacity, balancing ‘How much data do I need to keep?’ with ‘How much storage can I afford?’ They must balance the data retention policy with storage costs. Keeping data forever on high-performance SSDs can be very expensive. They need a way to move infrequently accessed (i.e., ‘cold’) data to cost-effective object storage.

## THE SOLUTION




NetApp Cloud Tiering expands your primary storage capacity by automatically moving infrequently (cold) data from on-premises ONTAP clusters to cost effective object-based storage, saving up to 70% on your overall storage footprint.

Cloud Tiering offers pre-defined tiering policies for users to easily define the tiering level.

It operates transparently in the background, so there’s no need to change your applications or workflows. With NetApp Cloud Tiering, you spend less upfront, grow cost-effectively, and never run out of primary storage space.

NetApp Cloud Tiering allows IT admins to automatically tier their infrequently accessed (cold) data to cost-effective object storage or the cloud of their choice. This easy-to-use technology will enable companies to save **an average of 70% on overall storage footprint** while never worrying about how they will manage their rapid data growth.

## Top reasons to use NetApp Cloud Tiering




-  **1** Save up to 70% on your overall storage footprint.
-  **2** Never worry about your primary storage running out of capacity.
-  **3** ZERO impact on the application layer or current workflows.

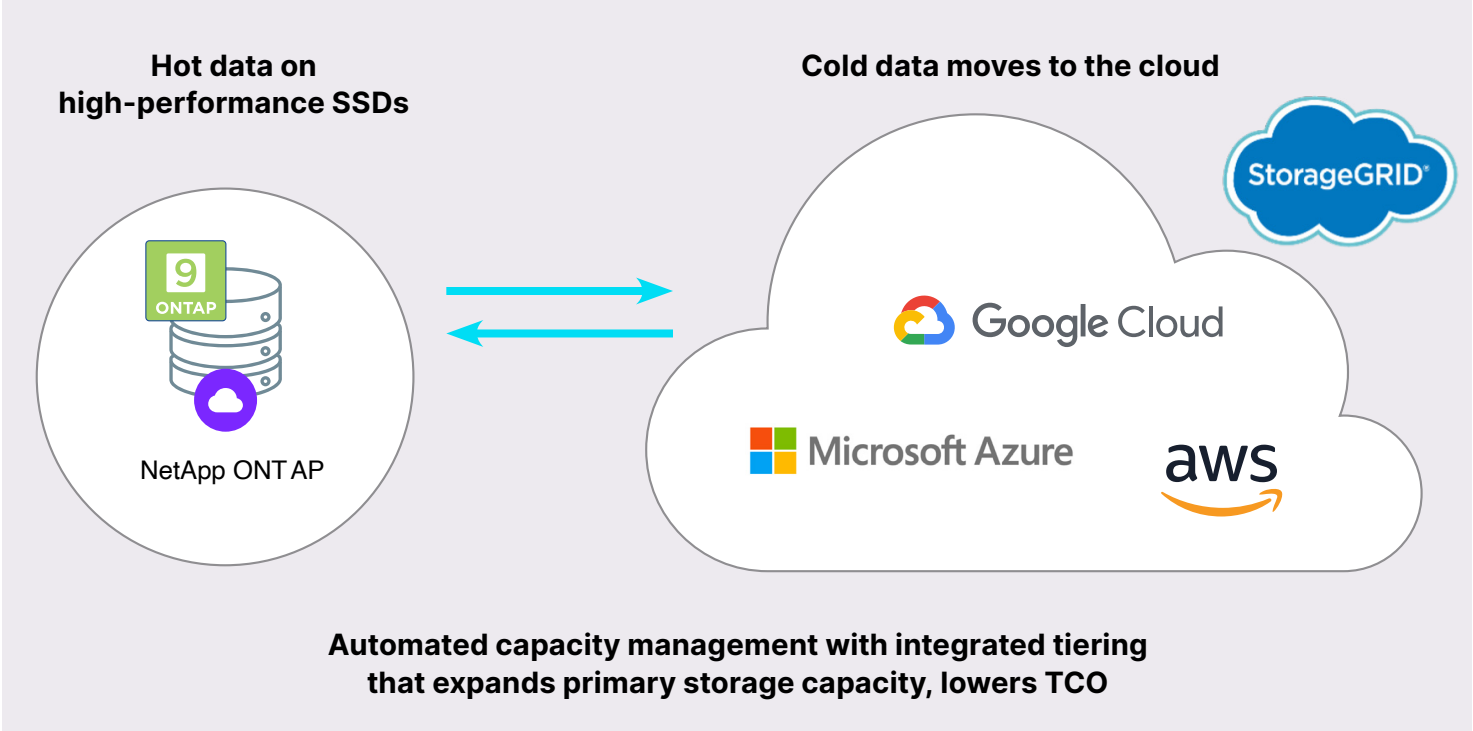
*“Connecting the on-prem device to object storage on an AWS allows us to not only save money but also to scale our on-prem environments.”*

Marcus Masching  
Head of IT Computing Services, Festo



## With NetApp Cloud Tiering, you can

-  **Optimize**
  - Save an average of 70% on your overall storage footprint
-  **Expand**
  - Expand your primary storage footprint instantly
-  **Automate**
  - Set up tiering from the pre-defined policies.
  - Stop wasting your time trying to identify which data is hot or cold
-  **Zero impact**
  - No impact on the application layer or current workflows



## Features

- Continuous Capacity**
  - Continuously free up valuable primary storage capacity so that there’s always room for more data
  - Minimize initial CapEx without fear of running out of capacity
- Transparent Operations**
  - Automatically identifies cold/inactive data in on-premises ONTAP clusters and tiers it to object storage.
  - Operates automatically and transparently without the need to change applications or workflows
- Complete Control**
  - Tiering cold data is easy with pre-defined tiering policies, an intuitive interface, and manual intervention
  - You can adjust the tiering policies at the volume level
  - Cloud Tiering dashboard shows tiering overview and saving opportunities

*“100 TB tiered to object storage while saving money on hardware, electricity, and space.”*

Senior Cloud Architect  
The Ivy League

