



# Docs for Cloud Tiering

## Announcements

Ben Cammett  
November 06, 2019

This PDF was generated from <https://docs.netapp.com/us-en/announcements/cloud-tiering.html> on April 21, 2020.  
Always check [docs.netapp.com](https://docs.netapp.com) for the latest.

# Table of Contents

Docs for Cloud Tiering ..... 1

# Docs for Cloud Tiering

Documentation for NetApp's new Cloud Tiering service is now available on [docs.netapp.com](https://docs.netapp.com).

Based on NetApp FabricPool technology, Cloud Tiering identifies infrequently-used data in your ONTAP clusters and automatically and seamlessly moves that data to low-cost object storage in the cloud.

Go to the [Cloud Tiering documentation](#) to learn how to get started.

NetApp.com

NetApp Cloud Docs

English

Cloud Tiering docs

What's new

Concepts

- Cloud Tiering overview
- How Cloud Tiering works**
- Licensing
- Savings opportunities

Getting started

- Managing data tiering
- Cloud Tiering APIs
- FAQ
- Getting help
- Legal notices

How Cloud Tiering works

08/06/2019 | Contributors

Edit on GitHub Request doc changes

Cloud Tiering is a NetApp-managed service that uses FabricPool technology to automatically tier inactive (cold) data from your on-premises ONTAP clusters to object storage in the cloud. Connections to ONTAP take place from the NetApp Service Connector.

i

At this time, Cloud Tiering can tier your inactive data to AWS S3 or Azure Blob storage. Support for additional object storage providers will be added later.

Overview

The following image shows the relationship between each component:

The diagram illustrates the architecture of Cloud Tiering. It shows three main components: the Cloud Tiering service (represented by a cloud icon), the Service Connector (represented by a cloud icon with a plus sign), and Object storage (represented by a bucket icon). The Service Connector is connected to the Cloud Tiering service via an HTTPS connection. The Service Connector is also connected to the Object storage via an HTTPS connection. The Object storage contains a box labeled 'inactive data'. The Service Connector is also connected to the ONTAP API operations (represented by a cloud icon). The data transfer from the ONTAP API operations to the Object storage is labeled 'Data transfer over an HTTPS connection'.

On this page:

Overview

NetApp Service Connector

Object storage

S3 storage classes

Azure Blob access tiers

Volume tiering policies

## Copyright Information

Copyright © 2019–2020 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

## Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.