



Add cache to a local tier

ONTAP 9

netapp-thomi
May 20, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap/task_admin_add_cache_to_local_tier.html on May 31, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- Add cache to a local tier 1
 - Use the CLI to create an SSD storage pool..... 1
 - Use System Manager to add an SSD cache (ONTAP 9.7 only) 1

Add cache to a local tier

To provision a solid-state drive (SSD) cache, convert an existing local tier (aggregate) to a Flash Pool aggregate by adding SSDs. Flash Pool aggregates enable you to deploy Flash as a high-performance cache for your working dataset while using lower-cost HDDs for less frequently accessed data.

The process you use to provision an SSD cache and add it to a local tier depends on the version of ONTAP that you have installed.

If you use this version of ONTAP...	Then perform this procedure...
ONTAP 9.8 or later	Use the CLI to create an SSD storage pool
ONTAP 9.7	Use System Manager to add an SSD cache (ONTAP 9.7 only)

Use the CLI to create an SSD storage pool

Using the CLI in ONTAP 9.8 or later, create SSD storage pools to provide an SSD cache for two to four Flash Pool aggregates.

Steps

1. Perform the procedure in the *Disks and Aggregates Power Guide*: [Creating an SSD storage pool](#).

Use System Manager to add an SSD cache (ONTAP 9.7 only)

Steps

1. Click **(Return to classic version)**.
2. Click **Storage > Aggregates & Disks > Aggregates**.
3. Select the local tier (aggregate), and then click **Actions > Add Cache**.
4. Select the cache source as "storage pools" or "dedicated SSDs".
5. Click **(Switch to the new experience)**.
6. Click **Storage > Tiers** to verify the size of the new aggregate.

Copyright Information

Copyright © 2021 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.