



# **Google Cloud NetApp Volumes**

## **Well-architected dashboard**

NetApp

September 01, 2026

This PDF was generated from <https://docs.netapp.com/us-en/console-well-architected/gcnv/configuration-analysis-gcnv.html> on September 01, 2026. Always check docs.netapp.com for the latest.

# Table of Contents

- Google Cloud NetApp Volumes ..... 1
  - Configuration analysis for Google Cloud NetApp Volumes ..... 1
    - Analysis requirements ..... 1
    - Best practices and recommendations for storage workloads ..... 1
  - Implement well-architected Google Cloud NetApp Volumes configurations ..... 2
    - About this task ..... 2
    - Before you begin ..... 2
    - View recommendations for configuration issues ..... 2
    - Dismiss a configuration analysis ..... 3
    - Reactivate a dismissed configuration analysis ..... 3

# Google Cloud NetApp Volumes

## Configuration analysis for Google Cloud NetApp Volumes

The well-architected dashboard in NetApp Console analyzes storage system configurations regularly to determine if there are any configuration issues. When issues are found, the dashboard shows you what the issues are and explains what needs to change to ensure your storage systems achieve peak performance, cost efficiency, and compliance with best practices.

Key capabilities include:

- Daily configuration analysis
- Automatic best practice validations for NetApp ONTAP storage systems and partner storage providers
- Proactive observability
- Insights to action

### Analysis requirements

For a complete storage pool analysis, you must do the following:

- [Add your Google Cloud NetApp Volumes system to NetApp Console.](#)
- Grant *view, planning, and analysis* permissions in your Google Cloud account.

[Learn how to grant permissions to a Google Cloud account](#)

### Best practices and recommendations for storage workloads

Workload Factory assesses storage configurations against storage and ONTAP best practices and the Google Cloud Well-Architected Framework. The assessment also recommends improvements.

The well-architected analysis categorizes configurations in the following pillars of the framework: *reliability*, and *operational excellence*.

#### Reliability

Reliability ensures that workloads perform their intended functions correctly and consistently, even when there are disruptions.

- **Snapshot policy**

Schedule local snapshots for efficient backup and quick restores. Snapshots are instant, point-in-time images of your volumes.

- **SSD capacity headroom**

Workload Factory recommends keeping SSD tier usage at 80% or less. Some workloads may require additional capacity headroom and lower utilization targets. As usage exceeds the recommended headroom, the risk of performance slowdowns and service issues increases—especially if capacity isn't expanded in time. You can dismiss it for one or more storage pools and reactivate it later if needed.

## Operational excellence

Operational excellence focuses on delivering the most optimal architecture and business value.

- **Volume capacity headroom**

Workload Factory recommends keeping volume usage under 80% to reduce the risk of running out of space. If a volume grows faster than expected, you might need to expand it quickly. This can increase the risk of application impact, especially with sudden or spiky growth. This risk is lower when you use thin provisioning and automatic capacity management. You can dismiss it for one or more volumes and reactivate it later if needed.

## What's next

[Implement well-architected Google Cloud NetApp Volumes configurations](#)

# Implement well-architected Google Cloud NetApp Volumes configurations

Using configuration analysis insights and recommendations, leverage NetApp to implement best practices for your Google Cloud NetApp Volumes storage pools running on Google Cloud storage. You can easily review the well-architected status, learn about issues with your configurations, and get recommendations to improve the architecture of any storage pools that aren't optimized for reliability, security, performance, and cost.

[Learn about the configuration analysis and well-architected status.](#)

## About this task

NetApp analyzes Google Cloud NetApp Volumes storage pool deployments in Google Cloud daily. The daily analysis provides the well-architected status, and insights and recommendations to help you understand configuration issues so that your storage pools meet best practices.

After the daily analysis completes, the dashboard displays the total number of well-architected resources, the number of resources in a critical state, and the number of resources in a warning state. Configurations are categorized by the pillars of the well-architected framework: reliability, operational excellence, cost optimization, performance efficiency, and security. The dashboard also includes a table that lists all configurations, the well-architected status of those configurations, the severity, category, resource type (volume or storage pool), impacted resources, and the option to view the recommendation when the configuration is not optimized.

## Before you begin

- You must [add a Google Cloud NetApp Volumes storage pool](#) to NetApp Console to view the well-architected status and recommendations for configuration issues.

## View recommendations for configuration issues

You can view recommendations for configuration issues after the daily analysis completes. Recommendations explain best practices and potential risks of unoptimized configurations. You can also download a CSV file of the recommendations.

## Steps

1. Log in to the [NetApp Console](#).
2. From the NetApp Console menu, select **Workloads** and then **Well-architected**.
3. From the Well-architected dashboard, select **View** for any configuration.

Optionally, select [↓](#) to download a CSV file of the recommendations for all configurations.

4. Review the recommendation.

## Dismiss a configuration analysis

Stop a configuration analysis for a Google Cloud NetApp Volumes storage pool or for selected volumes. You can restart the analysis when needed.

### Dismiss a configuration analysis for a storage pool

#### Steps

1. Log in to the [NetApp Console](#).
2. From the NetApp Console menu, select **Workloads** and then **Well-architected**.
3. From the Well-architected dashboard, select **View** for any configuration.
4. Under Configurations, identify the configuration that doesn't apply to your environment and then select **Dismiss**.
5. In the Dismiss configuration dialog, select **Dismiss** to stop the configuration analysis.

### Dismiss a configuration analysis for a volume

#### Steps

1. Log in to the [NetApp Console](#).
2. From the NetApp Console menu, select **Workloads** and then **Well-architected**.
3. From the Well-architected dashboard, select **View** for any configuration.
4. Under Configurations, identify the configuration to dismiss for selected volumes and then select **View**.
5. Identify the volumes to dismiss from the configuration analysis.
  - For one volume: select the actions menu and then select **Dismiss volume**.
  - For multiple volumes: select the volumes and then select **Dismiss** next to Bulk action.
6. Select **Dismiss** to stop the analysis for the configuration.
7. In the Dismiss volumes dialog, select **Dismiss** to confirm.

## Result

The configuration analysis stops for the storage pool or selected volumes.

You can reactivate the analysis at any time.

## Reactivate a dismissed configuration analysis

Reactivate a dismissed configuration analysis at any time. You can select one or more configurations to reactivate.

## Reactivate a configuration analysis for a storage pool

### Steps

1. Log in to the [NetApp Console](#).
2. From the NetApp Console menu, select **Workloads** and then **Well-architected**.
3. Select **Dismissed configurations**.
4. Identify the configuration you want to reactivate and select **Reactivate**.

## Reactivate a configuration analysis for a volume

### Steps

1. Log in to the [NetApp Console](#).
2. From the NetApp Console menu, select **Workloads** and then **Well-architected**.
3. Select **Dismissed configurations**.
4. Identify the volume(s) to reactivate from the configuration analysis.
  - For one volume: select the actions menu and then select **Reactivate volume**.
  - For multiple volumes: select the volumes and then select **Reactivate** next to Bulk action.

### Result

The system reactivates the configuration analysis. A new analysis occurs daily.

## Copyright information

Copyright © 2026 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.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## 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.