



# **StorageGRID documentation**

## **StorageGRID**

NetApp  
September 16, 2022

This PDF was generated from <https://docs.netapp.com/us-en/cloud-manager-storagegrid/index.html> on September 16, 2022. Always check docs.netapp.com for the latest.

# Table of Contents

- StorageGRID documentation . . . . . 1
- What’s new with StorageGRID management . . . . . 2
  - 18 September 2022 . . . . . 2
- Get started . . . . . 3
  - Discover StorageGRID systems . . . . . 3
- Manage StorageGRID systems . . . . . 5
  - View your StorageGRID systems . . . . . 5
  - Use NetApp data services with StorageGRID . . . . . 6
  - Remove an StorageGRID working environment . . . . . 6
- Knowledge and support . . . . . 8
  - Register for support . . . . . 8
  - Get help . . . . . 9
- Legal notices . . . . . 11
  - Copyright . . . . . 11
  - Trademarks . . . . . 11
  - Patents . . . . . 11
  - Privacy policy . . . . . 11
  - Open source . . . . . 11

# StorageGRID documentation

# What's new with StorageGRID management

Learn what's new with managing StorageGRID systems in Cloud Manager.

## 18 September 2022

### Support for StorageGRID

You can now discover your StorageGRID systems directly from Cloud Manager. Discovering StorageGRID provides you with a complete view of data across your hybrid multicloud.

# Get started

## Discover StorageGRID systems

Cloud Manager can discover the StorageGRID systems in your on-premises environment. Adding StorageGRID systems to Cloud Manager enables you to get a complete view of the data across your hybrid multicloud.

### What you'll need

- A Connector installed in a cloud provider or on your premises, with network connectivity to the StorageGRID system.

[Learn more about Connectors and how to create one](#)

- The domain name or IP address of the admin node.
- Admin credentials for the admin node.

### Steps

1. From the Canvas, click **Add Working Environment** and select **On-Premises**.
2. Select **StorageGRID** and click **Next**.
3. If you're prompted, create a Connector.

Refer to the link above for more details.

4. On the *StorageGRID Cluster Details* page, enter the domain name or IP address of the admin node, the credentials for the node, and then click **Add**.

### StorageGRID Cluster Details

**Provide a few details about your StorageGRID cluster so Cloud Manager can discover it.**

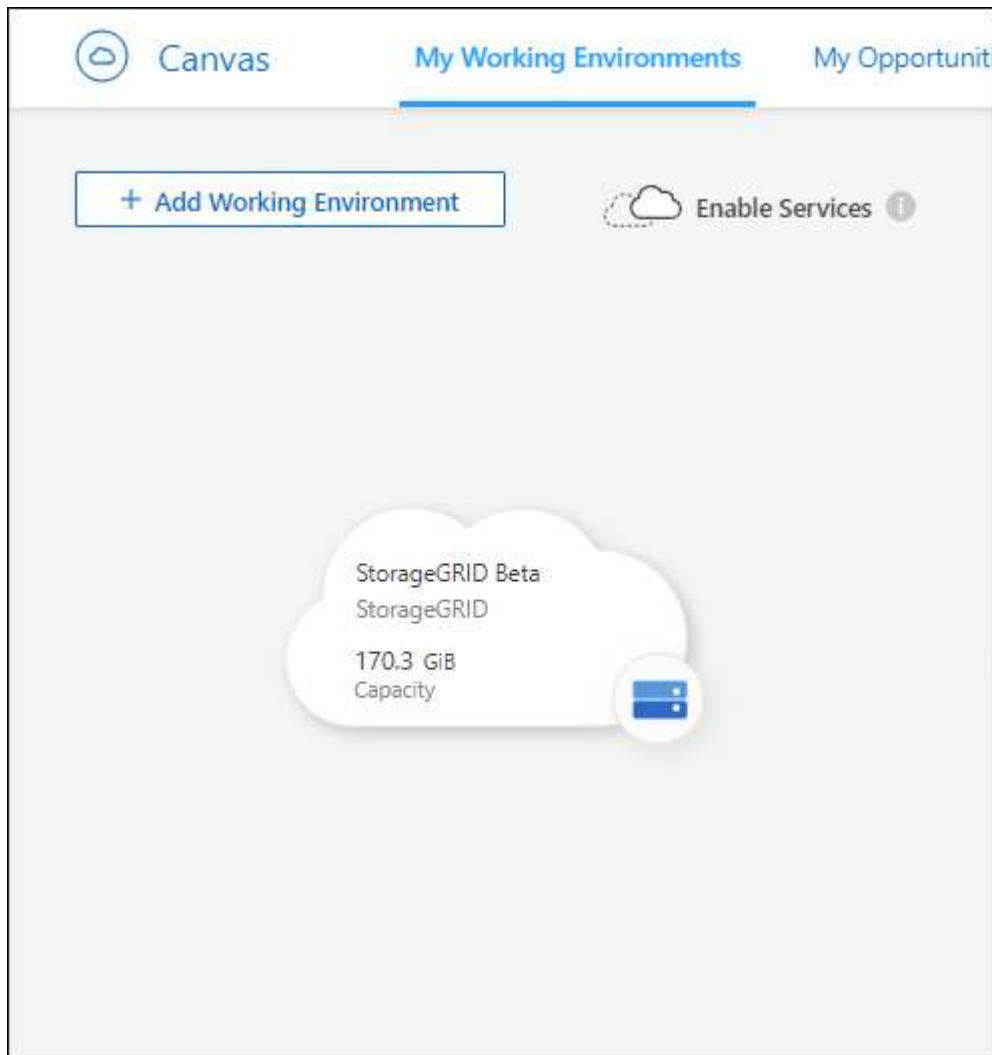
Admin Node Domain Name or IP Address

User Name

Password

## Result

Cloud Manager discovers the StorageGRID system and adds it as a working environment on the Canvas.



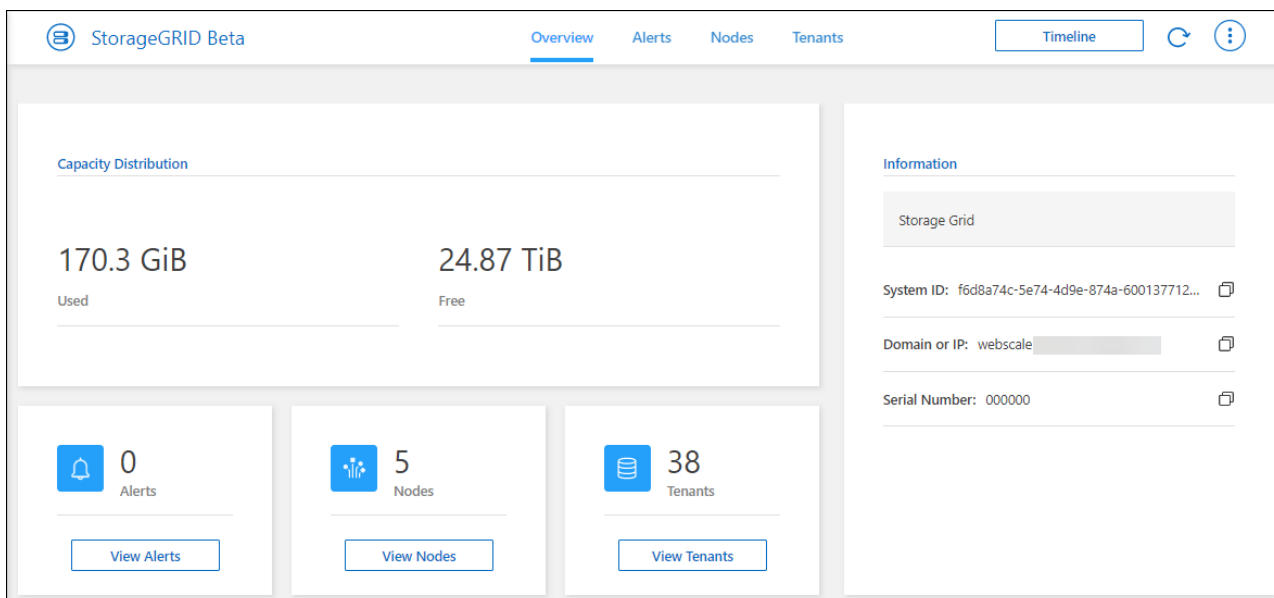
# Manage StorageGRID systems

## View your StorageGRID systems

After you discover your StorageGRID systems, you can view details about capacity distribution and the associated alerts, nodes, and tenants.

### Steps

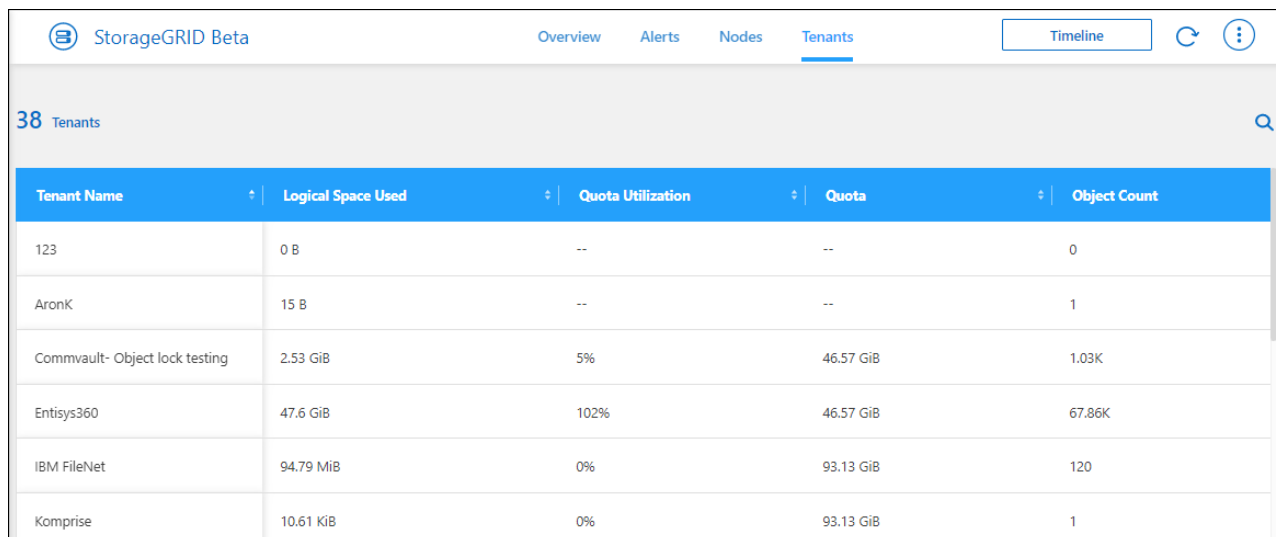
1. From the Canvas, double-click the name of the StorageGRID working environment that you want to view.
2. Select any of the tabs to view more details about your StorageGRID system:
  - **Overview:** A detailed view of the system's capacity distribution (used and free capacity), the number of system alerts, nodes, and tenants, and more.



- **Alerts:** A summary of system alerts, which includes active alerts, resolved alerts, and silenced alerts.
- **Nodes:** Details about the admin node, API gateway node, and storage nodes. This includes percentages for object data used, object metadata used, and CPU usage.

StorageGRID Beta					
Overview Alerts Nodes Tenants Timeline					
1 Site					
Node Name	Node Type	Object Data Used	Object Metadata Used	CPU Usage	
DC1	Site	--	--	--	^
DC1-A1	Admin Node	--	--	7%	
DC1-GW1	Api Gateway Node	--	--	3%	
DC1-S1	Storage Node	1%	0%	9%	
DC1-S2	Storage Node	1%	0%	13%	
DC1-S3	Storage Node	1%	0%	11%	

- **Tenants:** Key details about tenants, which includes logical space used, quota utilization, quota, and object count.



The screenshot shows the 'Tenants' tab in the StorageGRID Beta interface. At the top, there are navigation links for Overview, Alerts, Nodes, and Tenants (which is selected). A 'Timeline' button and a refresh icon are also present. Below the navigation bar, it says '38 Tenants' with a search icon. The main content is a table with the following columns: Tenant Name, Logical Space Used, Quota Utilization, Quota, and Object Count. The table lists several tenants, including '123', 'AronK', 'Commvault- Object lock testing', 'Entisys360', 'IBM FileNet', and 'Komprise'.

Tenant Name	Logical Space Used	Quota Utilization	Quota	Object Count
123	0 B	--	--	0
AronK	15 B	--	--	1
Commvault- Object lock testing	2.53 GiB	5%	46.57 GiB	1.03K
Entisys360	47.6 GiB	102%	46.57 GiB	67.86K
IBM FileNet	94.79 MiB	0%	93.13 GiB	120
Komprise	10.61 KiB	0%	93.13 GiB	1

## Use NetApp data services with StorageGRID

After you discover a StorageGRID system in Cloud Manager, you can use NetApp's data services for backups and data synchronization.

- Use **Cloud Backup** to back up data from your on-premises ONTAP systems to object storage in your NetApp StorageGRID systems.

To get started, go to the Canvas and drag and drop an on-premises ONTAP working environment on your StorageGRID working environment.

[Learn more about backing up on-premises ONTAP data to StorageGRID](#)

- Use **Cloud Sync** to synchronize data to or from a StorageGRID system.

To get started, go to the Canvas and drag and drop the source working environment on the target working environment. StorageGRID can be either the source or target.

[Learn more about Cloud Sync](#)

## Remove an StorageGRID working environment

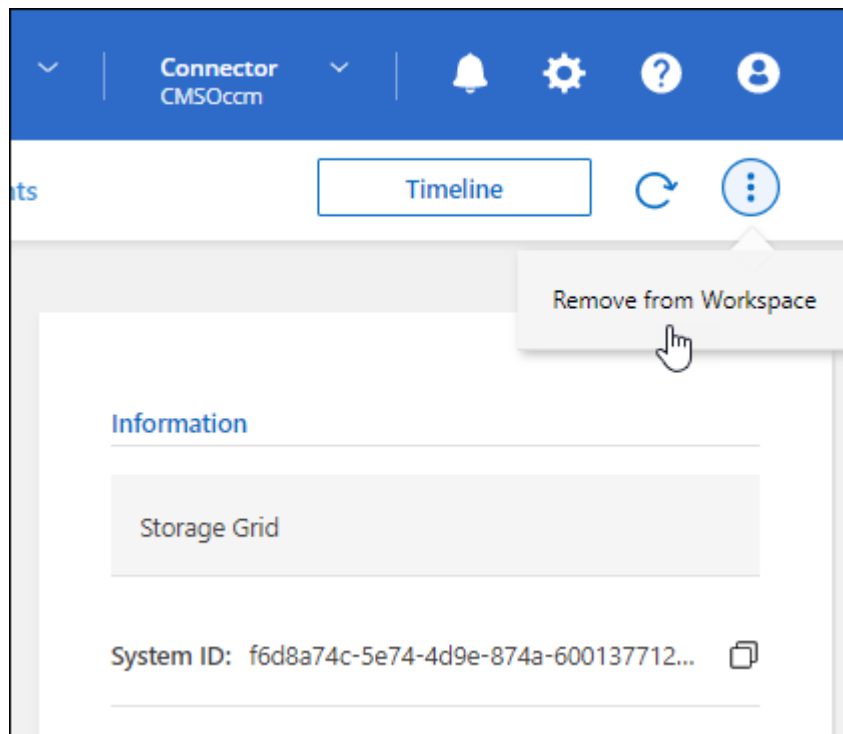
Remove a StorageGRID working environment if you no longer want to manage it from Cloud Manager.

Removing the working environment doesn't affect the StorageGRID system. You can rediscover it from Cloud Manager at any time.

### Steps

1. From the Canvas, double-click the name of the StorageGRID working environment.
2. Click the menu icon and select **Remove from Workspace**.





3. Click **Remove** to confirm.

# Knowledge and support

## Register for support

Before you can open a support case with NetApp technical support, you need to add a NetApp Support Site account to Cloud Manager and then register for support.

### Add an NSS account

The Support Dashboard enables you to add and manage all of your NetApp Support Site accounts from a single location.

#### Steps

1. If you don't have a NetApp Support Site account yet, [register for one](#).
2. In the upper right of the Cloud Manager console, click the Help icon, and select **Support**.



3. Click **NSS Management > Add NSS Account**.
4. When you're prompted, click **Continue** to be redirected to a Microsoft login page.  
  
NetApp uses Microsoft Azure Active Directory as the identity provider for authentication services specific to support and licensing.
5. At the login page, provide your NetApp Support Site registered email address and password to perform the authentication process.

This action enables Cloud Manager to use your NSS account.

Note the account must be a customer-level account (not a guest or temp account).

### Register your account for support

Support registration is available from Cloud Manager in the Support Dashboard.

#### Steps

1. In the upper right of the Cloud Manager console, click the Help icon, and select **Support**.



2. In the **Resources** tab, click **Register for Support**.
3. Select the NSS credentials that you want to register and then click **Register**.

## Get help

NetApp provides support for Cloud Manager and its cloud services in a variety of ways. Extensive free self-support options are available 24x7, such as knowledgebase (KB) articles and a community forum. Your support registration includes remote technical support via web ticketing.

### Self support

These options are available for free, 24 hours a day, 7 days a week:

- [Knowledge base](#)

Search through the Cloud Manager knowledge base to find helpful articles to troubleshoot issues.

- [Communities](#)

Join the Cloud Manager community to follow ongoing discussions or create new ones.

- [Documentation](#)

The Cloud Manager documentation that you're currently viewing.

- [Feedback email](#)

We value your input. Submit feedback to help us improve Cloud Manager.

### NetApp support

In addition to the self-support options above, you can work with a NetApp Support Engineer to resolve any issues after you activate support.

## Steps

1. In Cloud Manager, click **Help > Support**.
2. Choose one of the available options under Technical Support:
  - a. Click **Call Us** to find phone numbers for NetApp technical support.
  - b. Click **Open an Issue**, select one the options, and then click **Send**.

A NetApp representative will review your case and get back to you soon.

# Legal notices

Legal notices provide access to copyright statements, trademarks, patents, and more.

## Copyright

<http://www.netapp.com/us/legal/copyright.aspx>

## Trademarks

NETAPP, the NETAPP logo, and the marks listed on the NetApp Trademarks page are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.

<http://www.netapp.com/us/legal/netapptmlist.aspx>

## Patents

A current list of NetApp owned patents can be found at:

<https://www.netapp.com/us/media/patents-page.pdf>

## Privacy policy

<https://www.netapp.com/us/legal/privacypolicy/index.aspx>

## Open source

Notice files provide information about third-party copyright and licenses used in NetApp software.

- [Notice for Cloud Manager 3.9](#)

## Copyright Information

Copyright © 2022 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.