



# **Manage user access to S3-enabled storage VMs**

ONTAP 9

aherbin  
April 27, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap/task\\_object\\_provision\\_manage\\_svm\\_access.html](https://docs.netapp.com/us-en/ontap/task_object_provision_manage_svm_access.html) on May 08, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Manage user access to S3-enabled storage VMs ..... 1

# Manage user access to S3-enabled storage VMs


Edit the storage VM to add a policy that controls user and group access permissions to multiple buckets.

You can add a group policy to manage access to one or more buckets in an S3-enabled storage VM, rather than managing access permissions for individual buckets. Doing so simplifies management when buckets are added or when access needs change.

You must have already created users and at least one group before granting permissions in a policy.

In ONTAP 9.9.1 and later releases, if you plan to support AWS client object tagging functionality with the ONTAP S3 server, the actions `GetObjectTagging`, `PutObjectTagging`, and `DeleteObjectTagging` need to be allowed using the bucket or group policies.

## Steps

1. Edit the storage VM: click **Storage > storage VMs**, click the storage VM, click **Settings** and then click  under S3.
2. Add a user: click **Policies**, then click **Add**.
  - a. Enter a policy name and select from a list of groups.
  - b. Select an existing default policy or add a new one.

When adding or modifying a group policy, you can specify the following parameters:

- **Group**: the groups to whom access is granted.
- **Effect**: allows or denies access to one or more groups.
- **Actions**: permissible actions in one or more buckets for a given group.
- **Resources**: paths and names of objects within one or more buckets for which access is granted or denied.

For example:

- `*` grants access to all buckets in the storage VM.
  - **bucketname** and **bucketname/\*** grant access to all objects in a specific bucket.
  - **bucketname/readme.txt** grants access to an object in a specific bucket.
- c. If desired, add statements to existing policies.

## 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.