



Use Ansible Playbooks to add or edit volumes or LUNs

ONTAP 9

aherbin
April 28, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap/task_admin_use_ansible_playbooks_add_edit_volumes_luns.html on July 15, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- Use Ansible Playbooks to add or edit volumes or LUNs 1
 - Enable or disable Ansible Playbooks 1
 - Save a volume configuration to an Ansible Playbook 1
 - Save a LUN configuration to an Ansible Playbook 1
 - Download Ansible Playbook files from global search results 2
 - Work with Ansible Playbook files 2

Use Ansible Playbooks to add or edit volumes or LUNs

Starting with ONTAP 9.9.1, you can use Ansible Playbooks with System Manager when you want to add or edit volumes or LUNs.

This feature lets you use the same configuration multiple times or use the same configuration with slight changes when you add or edit volumes or LUNs.

Enable or disable Ansible Playbooks

You can enable or disable the use of Ansible Playbooks with System Manager.

Steps

1. In System Manager, go to the UI settings in the cluster settings page:

Cluster > Settings

2. Under **UI Settings**, change the slider switch to "Enabled" or "Disabled".

Save a volume configuration to an Ansible Playbook

When you create or modify the configuration of a volume, you can save the configuration as Ansible Playbook files.

Steps

1. Add or Edit the volume:

Volume > Add (or **Volume > Edit**)

2. Specify or edit the configuration values of the volume.
3. Select **Save to Ansible Playbook** to save the configuration to Ansible Playbook files.

A zip file is downloaded that contains the following files:

- **variable.yaml**: The values you entered or modified to add or edit the volume.
- **volumeAdd.yaml** (or **volumeEdit.yaml**): The test cases that are required to create or modify the values when reading the inputs from the **variable.yaml** file.

Save a LUN configuration to an Ansible Playbook

When you create or modify the configuration of a LUN, you can save the configuration as Ansible Playbook files.

Steps

1. Add or Edit the LUN:

LUN > Add (or **LUN > Edit**)

2. Specify or edit the configuration values of the LUN.
3. Select **Save to Ansible Playbook** to save the configuration to Ansible Playbook files:


A zip file is downloaded that contains the following files:

- **variable.yaml**: The values you entered or modified to add or edit the LUN.
- **lunAdd.yaml** (or **lunEdit.yaml**): The test cases that are required to create or modify the values when reading the inputs from the **variable.yaml** file.

Download Ansible Playbook files from global search results

You can download Ansible Playbook files when you do a global search.

Steps

1. In the search field, enter “volume” or “LUN” or “Playbook”.
2. Find the search result, either “Volume Management (Ansible Playbook)” or “LUN Management (Ansible Playbook)”.
3. Click on  to download the Ansible Playbook files.

Work with Ansible Playbook files

Ansible Playbook files can be modified and run to specify configurations for volumes and LUNs.

About this task

You use two files to perform an operation (either an “add” or an “edit”):

If you want to...	Use this variable file...	And use this run file...
Add a volume	<code>volumeAdd-variable.yaml</code>	<code>valueAdd.yaml</code>
Edit a volume	<code>volumeEdit-variable.yaml</code>	<code>volumeEdit.yaml</code>
Add a LUN	<code>lunAdd-variable.yaml</code>	<code>lunAdd.yaml</code>
Edit a LUN	<code>lunEdit-variable.yaml</code>	<code>lunEdit.yaml</code>

Steps

1. Modify the variables file.

The file contains the various values that you use to configure the volume or LUN.

- If you do not change the values, leave them commented.
- If you modify the values, remove the commenting.

2. Run the associated run file.

The run file contains the test cases that are required to create or modify the values when reading the inputs from the variable file.

3. Enter your user login credentials.

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.