



# **Automate with the REST API**

## **Cloud Manager**

NetApp  
October 20, 2021

# Table of Contents

- Automate with the REST API ..... 1
  - Automation using the Cloud Manager REST API platform..... 1
  - Automation resources for infrastructure as code ..... 1

# Automate with the REST API

## Automation using the Cloud Manager REST API platform

In addition to the web browser interface, Cloud Manager has a REST API that provides software developers with direct access to the Cloud Manager functionality through the SaaS interface. The Cloud Manager service consists of several distinct components that collectively form an extensible development platform.

To learn more, go to the [Cloud Manager automation docs](#).

## Automation resources for infrastructure as code

Use the resources on this page to get help integrating Cloud Manager and Cloud Volumes ONTAP with your [infrastructure as code](#) (IaC).

DevOps teams use a variety of tools to automate the setup of new environments, which allows them to treat infrastructure as code. One such tool is Terraform. We have developed a Terraform provider that DevOps teams can use with Cloud Manager to automate and integrate Cloud Volumes ONTAP with infrastructure as code.

[View the netapp-cloudmanager provider](#).

### Related links

- [NetApp Cloud Blog: Using Cloud Manager REST APIs with Federated Access](#)
- [NetApp Cloud Blog: Cloud Automation with Cloud Volumes ONTAP and REST](#)
- [NetApp Cloud Blog: Automated Data Cloning for Cloud-Based Testing of Software Applications](#)
- [NetApp Blog: Infrastructure-As-Code \(IaC\) Accelerated with Ansible + NetApp](#)
- [NetApp thePub: Configuration Management & Automation with Ansible](#)
- [NetApp thePub: Roles for Ansible ONTAP use](#)

## 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.