



Setting up Cloud Volumes ONTAP

Cloud Manager

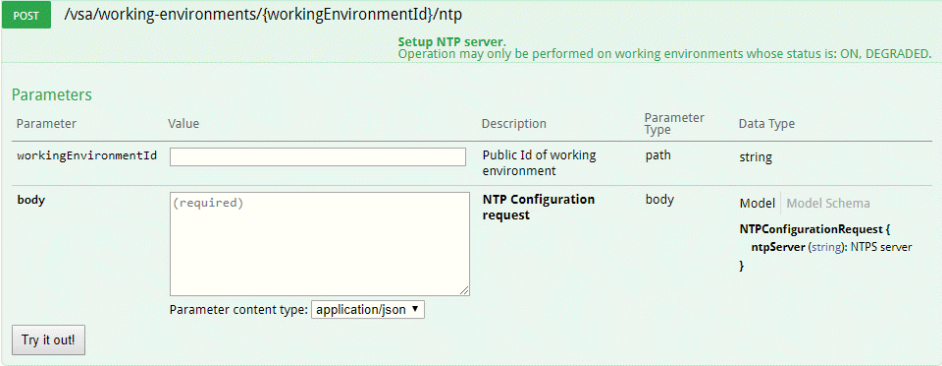
Ben Cammett
February 12, 2021

Table of Contents

Setting up Cloud Volumes ONTAP 1

Setting up Cloud Volumes ONTAP

After you deploy Cloud Volumes ONTAP, you can set it up by synchronizing the system time using NTP and by performing a few optional tasks from either System Manager or the CLI.

| Task | Description | | | | | | | | | | | | | | | |
|--|---|----------------------------------|----------------|--|----------------|-----------|----------------------|----------------------|----------------------------------|------|--------|------|------------------------------------|----------------------------------|------|--|
| Synchronize the system time using NTP | <p>Specifying an NTP server synchronizes the time between the systems in your network, which can help prevent issues due to time differences.</p> <p>Specify an NTP server using the Cloud Manager API or from the user interface when you set up a CIFS server.</p> <ul style="list-style-type: none">• Modifying the CIFS server• Cloud Manager API Developer Guide <p>For example, here's the API for a single-node system in AWS:</p>  <pre>POST /vsa/working-environments/{workingEnvironmentId}/ntp</pre> <p>Setup NTP server. Operation may only be performed on working environments whose status is: ON, DEGRADED.</p> <table border="1"><thead><tr><th>Parameter</th><th>Value</th><th>Description</th><th>Parameter Type</th><th>Data Type</th></tr></thead><tbody><tr><td>workingEnvironmentId</td><td><input type="text"/></td><td>Public Id of working environment</td><td>path</td><td>string</td></tr><tr><td>body</td><td>(required) <input type="text"/></td><td>NTP Configuration request</td><td>body</td><td>Model Model Schema NTPConfigurationRequest { ntpServer (string): NTPS server }</td></tr></tbody></table> <p>Parameter content type: <input type="text" value="application/json"/></p> <p>Try it out!</p> | Parameter | Value | Description | Parameter Type | Data Type | workingEnvironmentId | <input type="text"/> | Public Id of working environment | path | string | body | (required) <input type="text"/> | NTP Configuration request | body | Model Model Schema NTPConfigurationRequest { ntpServer (string): NTPS server } |
| Parameter | Value | Description | Parameter Type | Data Type | | | | | | | | | | | | |
| workingEnvironmentId | <input type="text"/> | Public Id of working environment | path | string | | | | | | | | | | | | |
| body | (required) <input type="text"/> | NTP Configuration request | body | Model Model Schema NTPConfigurationRequest { ntpServer (string): NTPS server } | | | | | | | | | | | | |
| Optional: Configure AutoSupport | <p>AutoSupport proactively monitors the health of your system and automatically sends messages to NetApp technical support by default.</p> <p>If the Account Admin added a proxy server to Cloud Manager before you launched your instance, Cloud Volumes ONTAP is configured to use that proxy server for AutoSupport messages.</p> <p>You should test AutoSupport to ensure that it can send messages. For instructions, see the System Manager Help or the ONTAP 9 System Administration Reference.</p> | | | | | | | | | | | | | | | |
| Optional: Configure the Cloud Manager Connector as the AutoSupport proxy | <p>If your environment requires a proxy server to send AutoSupport messages, you can configure the Connector to act as the proxy. No configuration for the Connector is required, other than internet access. You simply need to go to the CLI for Cloud Volumes ONTAP and run the following command:</p> <pre>system node autosupport modify -proxy-url <connector-ip-address></pre> | | | | | | | | | | | | | | | |

| Task | Description |
|---|---|
| Optional: Configure EMS | <p>The Event Management System (EMS) collects and displays information about events that occur on Cloud Volumes ONTAP systems. To receive event notifications, you can set event destinations (email addresses, SNMP trap hosts, or syslog servers) and event routes for a particular event severity.</p> <p>You can configure EMS using the CLI. For instructions, see the ONTAP 9 EMS Configuration Express Guide.</p> |
| Optional: Change the backup location of configuration files | <p>Cloud Volumes ONTAP automatically creates configuration backup files that contain information about the configurable options that it needs to operate properly.</p> <p>By default, Cloud Volumes ONTAP backs up the files to the Connector host every eight hours. If you want to send the backups to an alternate location, you can change the location to an FTP or HTTP server in your data center or in AWS. For example, you might already have a backup location for your FAS storage systems.</p> <p>You can change the backup location using the CLI. See the ONTAP 9 System Administration Reference.</p> |

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.