



Power off storage resources for a NetApp HCI system

HCI

Michael Wallis
October 09, 2020

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/task_nde_hci_power_off_storage.html on December 16, 2020. Always check docs.netapp.com for the latest.

Table of Contents

Power off storage resources for a NetApp HCI system 1

Power off storage resources for a NetApp HCI system

When you power off storage resources for NetApp HCI, you need to use the **Shutdown** Element API method to properly halt the storage nodes.

Steps

After you power off the compute resources, you use a web browser to shut down all the nodes of the NetApp HCI storage cluster.

1. Log in to the storage cluster and verify that you are connected to the correct MVIP.
2. Verify that the iSCSI session count is zero.
3. Navigate to **Cluster** > **Nodes** > **Active**, and record the node IDs for all of the active nodes in the cluster.
4. To power off the NetApp HCI storage cluster, open a web browser and use the following URL to invoke the power off and halt procedure, where **{MVIP}** is the management IP address of the NetApp HCI storage system and the **nodes=[]** array includes the node IDs that you recorded in step 2. For example:

```
https://{MVIP}/json-rpc/1.0?method=Shutdown&nodes=[1,2,3,4]&option=halt
```

5. Enter the cluster administrator user name and password.
6. Validate that the API call returned successfully by verifying that all storage cluster nodes are included in the **successful** section of the API result.

You have successfully powered off all the NetApp HCI storage nodes.

Find more information

- [Firmware and driver versions in NetApp HCI and NetApp Element software](#)

Copyright Information

Copyright © 2020 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.