



# Update compute node drivers

## HCI

Dave Bagwell, Ann-Marie Grissino, dbag-personal  
September 29, 2020

This PDF was generated from [https://docs.netapp.com/us-en/hci/docs/task\\_hcc\\_upgrade\\_compute\\_node\\_drivers.html](https://docs.netapp.com/us-en/hci/docs/task_hcc_upgrade_compute_node_drivers.html) on October 28, 2020. Always check docs.netapp.com for the latest.

# Table of Contents

Update compute node drivers ..... 1

# Update compute node drivers

For any H-Series compute node, you can update the drivers used on the nodes using VMware Update Manager.

## *What you'll need*

See the firmware and driver matrix for your hardware in [this NetApp KB article](#) (login required).

## *About this task*

Perform only one of these update operations at a time.

## *Steps*

1. Browse to the [NetApp HCI software downloads](#) page and click the download link for correct version of NetApp HCI.
2. Select **Compute\_Firmware\_Bundle** from drop-down list
3. Accept the End User License Agreement.
4. Under the **Driver Packages for VMWare ESXi** heading, download the driver package for your node type and ESXi version.
5. Extract the downloaded driver bundle on your local computer.



The NetApp driver bundle includes one or more VMware Offline Bundle ZIP files; do not extract these ZIP files.

6. After upgrading the firmware on the compute nodes, go to **VMware Update Manager** in vCenter.
7. Import the driver offline bundle file for the compute nodes into the **Patch Repository**.
8. Create a new host baseline for the compute node.
9. Choose **Host Extension** for Name and Type and select all imported driver packages to be included in the new baseline.
10. In the **Host and Clusters** menu in vCenter, select the cluster with the compute nodes you would like to update and navigate to the **Update Manager** tab.
11. Click **Remediate** and then select the newly created host baseline. Ensure that drivers included in the baseline are selected.
12. Proceed through the wizard to the **Host Remediation Options** and ensure that the **Do Not Change VM Power State** option is selected to keep virtual machines online during the driver update.



If VMware Distributed Resource Scheduler (DRS) is enabled on the cluster (this is the default in NetApp HCI installations), virtual machines will automatically be migrated to other nodes in the cluster.

13. Proceed to the **Ready to Complete** page in the wizard and click **Finish**.

The drivers for all compute nodes in the cluster are updated one node at a time while virtual machines stay online.

## Find more information

- [NetApp HCI Documentation Center](#)
- [NetApp HCI Resources Page](#)

## 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.