Access the NetApp Deployment Engine in environments with DHCP

HCI

Michael Wallis
October 09, 2020

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

Table of Contents

Access the NetApp Deployment Engine in environments with DHCP 1

Access the NetApp Deployment Engine in environments with DHCP

In environments where servers automatically acquire IPv4 configuration from DHCP, you can access the NetApp Deployment Engine using the IPv4 address assigned to the Bond1G interface on one of the storage nodes. You can use a USB stick to retrieve the IPv4 address from one of the storage nodes. The NetApp Deployment Engine will automatically discover other compute and storage nodes that use DHCP-assigned IPv4 addresses. You should not use this method unless your network has special requirements.

What you'll need

- You or your network administrator have completed the tasks in the Installation and Setup Instructions document.
- You have physical access to the NetApp HCI nodes.
- All of the NetApp HCI nodes are powered on.
- DHCP is enabled on the NetApp HCI management and storage networks.
- The DHCP address pool is large enough to accommodate two IPv4 addresses per NetApp HCI node.

For the NetApp HCI deployment to succeed, all nodes in the deployment must either have DHCP-acquired or auto-configured IPv4 addresses (you cannot mix IPv4 address assignment methods).

About this task

If DHCP is in use only for the storage network (Bond10G interfaces), you should use the steps outlined in xref: Access the NetApp Deployment Engine in environments without DHCP to access the NetApp Deployment Engine.

Steps

1. Wait several minutes for the nodes to request IP addresses.
2. Choose a storage node and insert a USB stick into the node. Leave it in for at least five seconds.
3. Remove the USB stick, and insert it into your computer.
4. Open the `readme.html` file. This takes you to the NetApp Deployment Engine user interface.

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.