Access the NetApp Deployment Engine in environments without DHCP

HCI

Michael Wallis
October 09, 2020

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/task_nde_access_no_dhcp.html on November 13, 2020. Always check docs.netapp.com for the latest.

Table of Contents

Access the NetApp Deployment Engine in environments without DHCP 1

Access the NetApp Deployment Engine in environments without DHCP

When DHCP is not in use on the network, you need to set a static IPv4 address on the Bond1G interface of one of the storage nodes (also known as a controlling storage node) that you will use to access the NetApp Deployment Engine. The NetApp Deployment Engine on the controlling storage node will discover and communicate with other compute and storage nodes using IPv4 addresses that have been auto-configured on the Bond10G interfaces of all nodes. You should 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 not enabled for the NetApp HCI networks and the NetApp HCI nodes have not obtained IP addresses from DHCP servers.
- The NetApp HCI management network is configured as the native VLAN on the Bond1G and Bond10G interfaces of all nodes.

Steps

1. Plug a KVM into the back of one of the NetApp HCI storage nodes (this node will become the controlling storage node).
2. Configure the IP address, subnet mask, and gateway address for Bond1G in the user interface. You can also configure a VLAN ID for the Bond1G network if needed.

   You cannot reuse this IPv4 address later during deployment with the NetApp Deployment Engine.

3. Open a web browser on a computer that can access the NetApp HCI management network.
4. Browse to the IP address you assigned to the controlling storage node. For example:

   ```
   http://<Bond1G IP address>
   ```

   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.