



Select inventory

HCI

Michael Wallis, Dave Bagwell
December 21, 2020

Table of Contents

Select inventory	1
Find more information	2

Select inventory

On the **Inventory** page, the NetApp Deployment Engine automatically detects available compute and storage nodes, enabling you to select and add all NetApp HCI resources to the deployment. If a node does not meet the requirements for deployment, it is not selectable and problems are indicated as errors. You can position your cursor over the error in the node's row to see an explanation. When choosing node inventory on the Inventory page, the storage node that is hosting the NetApp Deployment Engine is automatically selected, and you cannot deselect it.

What you'll need

Jumbo frames must be enabled for proper inventory detection. If no nodes or only a subset of nodes appear in the inventory, verify that the switch ports used for NetApp HCI nodes (all SFP+/SFP28 interfaces) are configured with jumbo frames.

Steps

1. On the **Inventory** page, view the list of available nodes.

If the system cannot detect any inventory, it displays an error. Correct the error before continuing.

If your system uses DHCP for IP address assignment, the storage and compute resources might not appear in the inventory immediately.

2. Optional: If a resource does not appear in the inventory immediately, or if you address an error and need to refresh the inventory, click **Refresh Inventory**. You might need to refresh the inventory multiple times.
3. Optional: To filter the inventory on node attributes, such as node type:
 - a. Click **Filter** in the header of the **Compute Nodes** or **Storage Nodes** lists.
 - b. Choose criteria from the drop-down lists.
 - c. Below the drop-down lists, enter information to satisfy the criteria.
 - d. Click **Add Filter**.
 - e. Clear individual filters by clicking **X** next to an active filter, or clear all filters by clicking **X** above the list of filters.
4. Select all compute nodes that shipped with your system from the **Compute Nodes** list.

You need to select at least two compute nodes to proceed with deployment.

5. Select all storage nodes that shipped with your system from the **Storage Nodes** list.

You need to select at least two storage nodes to proceed with deployment.

6. Optional: If a storage node selection box is flagged, that storage node exceeds 33% of the total storage cluster capacity. Do the following:
 - Clear the selection box for the flagged storage node.
 - Select additional storage nodes to more equally distribute the storage cluster capacity between nodes.
7. Click **Continue**.

Find more information

- [NetApp Element Plug-in for vCenter Server](#)
- [NetApp HCI Resources page](#)
- [SolidFire and Element Software Documentation Center](#)

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.