Deploy plug-in and vCenter integration

ONTAP Select

David Peterson
November 21, 2019

This PDF was generated from https://docs.netapp.com/us-en/ontap-select/concept_vpi_vcenter_integration.html on October 28, 2020. Always check docs.netapp.com for the latest.

Table of Contents

Deploy plug-in and vCenter integration 1
VMware resources assigned to an ONTAP Select cluster 1
Viewing the VMware resources for a cluster through the plug-in 1
Viewing the ONTAP Select clusters through an ESXi virtual machine 1
Creating a single-node cluster on an ESXI host 2

Deploy plug-in and vCenter integration

The Deploy plug-in is tightly integrated with the vCenter server. Because of this integration, you can easily navigate among the resources managed by the Deploy utility and vCenter server. Several examples of this integration are provided below.

VMware resources assigned to an ONTAP Select cluster

An ONTAP Select cluster runs on VMWare as a set of one or more nodes. Each node is a dedicated virtual machine on a different ESXi host. An ONTAP Select cluster is associated with the following VMware resources:

- Hosts
- ONTAP VMs
- Datastores
- Networks

There are several ways to view the VMware resources used by a specific ONTAP Select cluster.

Viewing the VMware resources for a cluster through the plug-in

You can view the VMware resources assigned to an ONTAP Select cluster through the Deploy plug-in.

Steps

1. Sign in to the vCenter server through vSphere HTML5 using a browser.
2. Click **ONTAP Select Clusters** in the **Global Inventory Lists** pane.
3. Click the desired cluster in the list on the right.
4. Click the **More Objects** tab and select the desired resource category at the top of the page.
5. Select a specific VMware resource to display additional information.

Viewing the ONTAP Select clusters through an ESXi virtual machine

You can view the ONTAP Select cluster and associated cluster resources by accessing a VMware virtual machine.

Steps

1. Sign in to the vCenter server through vSphere HTML5 using a browser.

2. Click **Menu** at the top and then click **VMs and Templates**.
3. Select the desired virtual machine in the list on the left.
4. Click the **More Objects** tab to view the ONTAP Select cluster running in the VM.
5. To see the entire collection of VMware resources associated with the cluster, click the ONTAP Select cluster and then click the **More Objects** tab.

Creating a single-node cluster on an ESXI host

You can select an ESXI hypervisor host through the vSphere interface and deploy an ONTAP Select single-node cluster.

Steps

1. Sign in to the vCenter server through vSphere HTML5 using a browser.
2. Click **Menu** at the top and then click **Hosts and Clusters**.
3. Right click the desired hypervisor host on the left, select **ONTAP Select**, and then click **New ONTAP Select**.
4. Complete the deployment process by following the steps in Deploying an ONTAP Select cluster.

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.