



# **Features: Advanced Cluster Management for Kubernetes on Red Hat OpenShift with NetApp**

NetApp Solutions

Nikhil M Kulkarni  
August 27, 2021

This PDF was generated from [https://docs.netapp.com/us-en/netapp-solutions/containers/rh-os-n\\_use\\_case\\_advanced\\_cluster\\_management\\_features\\_observability.html](https://docs.netapp.com/us-en/netapp-solutions/containers/rh-os-n_use_case_advanced_cluster_management_features_observability.html) on October 21, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Features: Advanced Cluster Management for Kubernetes on Red Hat OpenShift with NetApp ..... 1

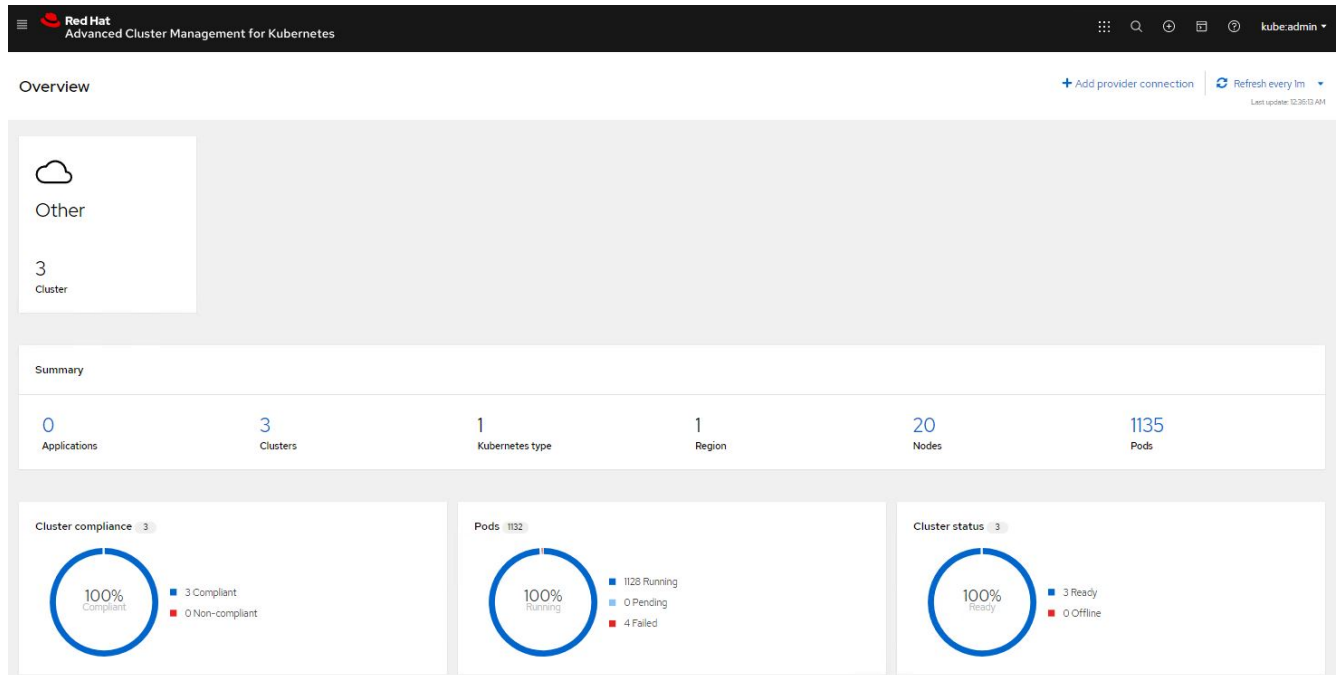
Observability..... 1

# Features: Advanced Cluster Management for Kubernetes on Red Hat OpenShift with NetApp

## Observability

Advanced Cluster Management for Kubernetes provides a way to monitor the nodes, pods, and applications, and workloads across all the clusters.

1. Navigate to Observe Environments > Overview.



2. All pods and workloads across all clusters are monitored and sorted based on a variety of filters. Click Pods to view the corresponding data.

**Red Hat**  
 Advanced Cluster Management for Kubernetes

kube:admin

Search

Saved searches

Open new search tab

3 Related cluster

673 Related secret

20 Related node

8 Related persistentvolumeclaim

8 Related persistentvolume

1 Related provisioning

2 Related searchcollector

3 Related iampolicycontroller

Show all (38)

Pod (1135)

Name

Namespace

Cluster

Status

Restarts

Host IP

Pod IP

Created

Labels

14bbd46d68f3ddd50b9328cee6854a36807ef784dac2bde9cc20638fbd582

openshift-marketplace

local-cluster

Completed

0

10.61.186.27

10.129.2.215

4 days ago

controller-uid=dd259738-2cce-40e2-85d3-6ccf56904ba8

- All nodes across the clusters are monitored and analyzed based on a variety of data points. Click Nodes to get more insight into the corresponding details.

Search

Saved searches

Open new search tab

3 Related cluster

1k Related pod

12 Related service

Show all (3)

Node (20)

Name	Cluster	Role	Architecture	OS image	CPU	Created	Labels
ocp-master-1.ocp-bare-metal.cie.netapp.com	ocp-bare-metal	master; worker	amd64	Red Hat Enterprise Linux CoreOS 47.83.202103292105-0 (Ootpa)	48	a month ago	beta.kubernetes.io/arch=amd64                     beta.kubernetes.io/os=linux                     kubernetes.io/arch=amd64                     5 more
ocp-master-2.ocp-bare-metal.cie.netapp.com	ocp-bare-metal	master; worker	amd64	Red Hat Enterprise Linux CoreOS 47.83.202103292105-0 (Ootpa)	48	a month ago	beta.kubernetes.io/arch=amd64                     beta.kubernetes.io/os=linux                     kubernetes.io/arch=amd64                     5 more
ocp-master-3.ocp-bare-metal.cie.netapp.com	ocp-bare-metal	master; worker	amd64	Red Hat Enterprise Linux CoreOS 47.83.202103292105-0 (Ootpa)	48	a month ago	beta.kubernetes.io/arch=amd64                     beta.kubernetes.io/os=linux                     kubernetes.io/arch=amd64                     5 more

- All clusters are monitored and organized based on different cluster resources and parameters. Click Clusters to view cluster details.

Search

Saved searches

Open new search tab

3k Related secret

787 Related pod

15 Related persistentvolumeclaim

17 Related node

1 Related application

15 Related persistentvolume

1 Related searchcollector

8 Related clusterclaim

3 Related resourcequota

5 Related identity

Show all (159)

Cluster (2)

Name	Available	Hub accepted	Joined	Nodes	Kubernetes version	CPU	Memory	Console URL	Labels
local-cluster	True	True	True	8	v1.20.0+c8905da	84	418501Mi	<a href="#">Launch</a>	cloud=VSphere clusterID=148632d9-69d5-4ae4-98ee-8dff886463c3 installer.name=multiclusterhub <a href="#">4 more</a>
ocp-vmw	True	True	True	9	v1.20.0+df9c838	28	111981Mi	<a href="#">Launch</a>	cloud=VSphere clusterID=9d76ac4e-4aae-4d45-a2e8-11b6b54282fe name=ocp-vmw <a href="#">1 more</a>

Next: Features - Create Resources.

## 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.