



Real-time analytics with NetApp Cloud Insights

HCI

Ann-Marie Grissino
November 22, 2019

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/concept_architecture_cloudinsights.html on September 24, 2020. Always check docs.netapp.com for the latest.

Table of Contents

- Real-time analytics with NetApp Cloud Insights 1
 - The Cloud Insights Dashboard 1
 - A unique NetApp HCI Data Collector 2

Real-time analytics with NetApp Cloud Insights

You can quickly ascertain the health of your cloud services on NetApp HCI with NetApp Cloud Insights.

THIS DOCUMENTATION IS PROVIDED AS A TECHNOLOGY PREVIEW.

NetApp Cloud Insights monitors compute, network, storage stack and application statuses for multi-vendor, heterogenous services and now provides analytics on many cloud services, including on NetApp HCI.

You can see information like this:

- Number of Kubernetes clusters
- Number of pods
- Network throughput
- Cluster latency
- CPU utilization on virtual machines
- IOPs
- and much more

The Cloud Insights Dashboard

This NetApp Cloud Insights Dashboard shows analytics for NetApp Kubernetes Service clusters and pods.



A unique NetApp HCI Data Collector

Each vendor for which Cloud Insights provides analytics has its own Data Collector running on a central Acquisition Unit that connects with and collects stack metrics. Similarly, Cloud Insights employs a unique Data Collector for NetApp HCI. Getting a new Data Collector deployed is easy with a task of less than a minute.

Enter just the Data Collector-specific information in a web form and then the Data Collector is up and running.

Add Collector: SolidFire All-Flash Array

1. Setup & Connection

[Need Help?](#)

Name ⓘ

sf5629

Acquisition Unit

centosCIAUp01.iselab.nane.netapp.com ▼

2. Configuration

Management Virtual IP Address (MVIP)

10.0.56.173

User Name

admin

Password

☐ Advanced Configuration

Collecting:

☒ Inventory

☒ Array Performance

TCP Port

443

Inventory Poll Interval (min)

60

Performance Poll Interval (sec)

300

Top Links

- [Deploying cloud services on NetApp HCI overview](#)

Find more information

- [NetApp Cloud Central](#)
- [NetApp Cloud Documentation](#)
- [Hybrid Cloud Solutions documentation](#)
- [Cloud Insights documentation](#)

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.