



# Ceph storage data collector

## Cloud Insights

Tony Lavoie

February 28, 2020

This PDF was generated from [https://docs.netapp.com/us-en/cloudinsights/task\\_dc\\_ceph\\_storage.html](https://docs.netapp.com/us-en/cloudinsights/task_dc_ceph_storage.html) on April 24, 2020. Always check docs.netapp.com for the latest.

# Table of Contents

- Ceph storage data collector..... 1
  - Terminology..... 1
  - Requirements ..... 1
  - Configuration..... 1
  - Advanced configuration..... 1
  - Troubleshooting..... 2

# Ceph storage data collector

Cloud Insights uses the Ceph storage data collector to discover inventory data from the Ceph storage platform.

## Terminology

Cloud Insights acquires inventory information with the Ceph storage data collector. For each asset type acquired by Cloud Insights, the most common terminology used for this asset is shown. When viewing or troubleshooting this data collector, keep the following terminology in mind:

Vendor/Model Term	Cloud Insights Term
Pool	Storage Pool
FileSystem	Internal Volume
OSD	Backend LUN

Note: These are common terminology mappings only and might not represent every case for this data source.

## Requirements

- The Ceph administrator IP address
- Administrator user name and password
- Port requirement: SSH Port 22

## Configuration

Field	Description
Ceph admin IP address	Ip address for the for the Ceph storage
User name	User name for the Ceph storage system administrator user account
Password	Password for the administrator user account

## Advanced configuration

Field	Description
Inventory poll interval (min)	Interval between inventory polls. The default is 60 minutes.

Field	Description
SSH port	The default is port 22.

## Troubleshooting

Some things to try if you encounter problems with this data collector:

### Inventory

Problem:	Try this:
Command missing	<p>Verify that the user has permissions to run the commands noted below on the device</p> <ul style="list-style-type: none"> <li>* Verify that the ceph administration tools are installed, please run the following command: <code>rpm -q ceph-common.x86_64</code></li> <li>* Verify credentials used in the wizard match device credentials</li> </ul>
Invalid configuration	<ul style="list-style-type: none"> <li>* Verify that the pools are configured in the system, try running the following command: <code>ceph osd lspools -f json-pretty</code></li> <li>* Verify credentials used in the wizard match device credentials</li> </ul>

Additional information may be found from the [Support](#) page or in the [Data Collector Support Matrix](#).

## Copyright Information

Copyright © 2019–2020 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.