



# Getting started gathering data

## Cloud Insights

Tony Lavoie

February 28, 2020

This PDF was generated from [https://docs.netapp.com/us-en/cloudinsights/task\\_getting\\_started\\_with\\_cloud\\_insights.html](https://docs.netapp.com/us-en/cloudinsights/task_getting_started_with_cloud_insights.html) on April 24, 2020. Always check docs.netapp.com for the latest.



# Table of Contents

- Getting started gathering data..... 1
  - Install an Acquisition Unit ..... 1
  - Configure the Data Collector - Infrastructure ..... 2
  - Configure the Data Collector - Operating Systems and Services ..... 2
  - Add Dashboards ..... 3
  - That's all there is to it ..... 3

# Getting started gathering data

After you have signed up for Cloud Insights and log in to your environment for the first time, you will be guided through the following steps in order to begin collecting and managing data.

Data collectors discover information from your data sources, such as storage devices, network switches, and virtual machines. The information gathered is used for analysis, validation, monitoring and troubleshooting.

Cloud Insights utilizes three types of data collectors:

- Operating Systems
- Services
- Infrastructure

Select your first data collector from the supported vendors and models available. You can easily add additional data collectors later.

## Install an Acquisition Unit

If you selected an *Infrastructure* data collector, an Acquisition Unit is required to inject data into Cloud Insights. You will need to download and install the Acquisition Unit software on a server or VM to collect data for Cloud Insights. A single Acquisition Unit can be used for multiple data collectors.




ONTAP Data  
Management  
Software

### Install Acquisition Unit

Cloud Insights collects device data via one or more Acquisition Units installed on local servers. Each Acquisition Unit can host multiple Data Collectors, which send device metrics to Cloud Insights for analysis.

#### What Operating System or Platform Are You Using?

 Linux ▼

[Linux Versions Supported](#) ⓘ

[Production Best Practices](#) ⓘ

#### Installation Instructions

[Need Help?](#)

1 [Copy Installer Snippet](#)

*This snippet has a unique key valid for 24 hours for this Acquisition Unit only.*

[+ Reveal Installer Snippet](#)

2 Paste the snippet into a bash shell to run the installer.

3  Waiting for Acquisition Unit to connect...

- Follow the [instructions](#) displayed to install your Acquisition Unit. Once the Acquisition Unit software is installed, the Continue button is displayed and you can proceed to the next step.



You may set up additional acquisition units later if needed. For example, you may want different Acquisition Units collecting information from data centers in different regions.

## Configure the Data Collector - Infrastructure

For *Infrastructure* data collectors, you will be asked to fill out the data collector fields presented:

- Give the data collector a unique and meaningful name.
- Enter the user name and password to connect to the device, as appropriate.
- Fill in any other mandatory fields in *Configuration* and *Advanced Configuration* sections.
- Click **Test Connection** to test the connection to the device.
- Click **Add Collector** to save the data collector.

You will be able to configure additional data collectors later.

## Configure the Data Collector - Operating Systems and Services

### Operating System:

For *Operating System* data collectors, choose a platform (MacOS, Linux, Windows) to install a Cloud Insights Agent.

You must have at least one agent to collect data from Services.

The agent also collects data from the host itself, for use in Cloud Insights. This data is categorized as "Node" data in widgets, etc.

- Open a terminal or command window on the agent host or VM, and paste the displayed command to install the agent.
- When installation is complete, click **Complete Setup**.

### Services:

For *Service* data collectors, click on a tile to open the instructions page for that service.

- Choose a platform and an Agent Access Key.
- If you don't have an agent installed on that platform, follow the instructions to install the agent.
- Click **Continue** to open the data collector instruction page.
- Follow the instructions to configure the data collector.

- When configuration is complete, click **Complete Setup**.

## Add Dashboards

Depending on the type of initial data collector you selected to configure (storage, switch, etc.), one or more relevant dashboards will be imported. For example, if you configured a storage data collector, a set of storage-related dashboards will be imported, and one will be set as your Cloud Insights Home Page. You can change the home page from the **Dashboards > Show All Dashboards** list.

You can import additional dashboards later, or [create your own](#).

## That's all there is to it

After you complete the initial setup process, your environment will begin to collect data.

If your initial setup process is interrupted (for example, if you close the browser window), you will need to follow the steps manually:

- Choose a Data Collector
- Install an Agent or Acquisition Unit if prompted
- Configure the Data Collector

## 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.