



# Telegraf Integration Data

## Cloud Insights

Tony Lavoie, Dave Grace

February 20, 2020

This PDF was generated from [https://docs.netapp.com/us-en/cloudinsights/concept\\_telegraf\\_display\\_options.html](https://docs.netapp.com/us-en/cloudinsights/concept_telegraf_display_options.html) on May 06, 2020. Always check docs.netapp.com for the latest.

# Table of Contents

Telegraf Integration Data ..... 1

# Telegraf Integration Data

The Cloud Insights Telegraf data collectors are powerful tools for gathering source-reported metrics from your data sources.

Cloud Insights provides different transform options for metrics collected using Telegraf. When adding these metrics to a widget, you are presented with a drop-down giving the transform choices:

## **None**

Data is displayed as is, with no manipulation.

## **Rate**

Current value divided by the time range since the previous observation.

## **Cumulative**

The accumulation of the sum of previous values and the current value.

## **Delta**

The difference between the previous observation value and the current value.

## **Delta rate**

Delta value divided by the time range since the previous observation.

## **Cumulative Rate**

Cumulative value divided by the time range since the previous observation.

## 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.