DC/OS Data Collector

Cloud Insights

Dave Grace
April 02, 2021

This PDF was generated from https://docs.netapp.com/us-en/cloudinsights/task_config_telegraf_dcos.html on October 26, 2021. Always check docs.netapp.com for the latest.

Table of Contents

DC/OS Data Collector 1
- Installation 1
- Setup 1
- Objects and Counters 1
- Troubleshooting 2

DC/OS Data Collector

Cloud Insights uses this data collector to gather metrics from DC/OS.

Installation

1. From **Admin > Data Collectors**, click **+Data Collector**. Under **Services**, choose **DC/OS**.

   If you haven't configured an Agent for collection, you are prompted to install an agent in your environment.

   If you have an agent already configured, select the appropriate Operating System or Platform and click **Continue**.

2. Follow the instructions in the DC/OS Configuration screen to configure the data collector. The instructions vary depending on the type of Operating System or Platform you are using to collect data.

Setup

Setup information can be found in the DC/OS documentation.

Objects and Counters

The following objects and their counters are collected:

Object	Identifiers	Attributes	Datapoints
dcos_node	dcos_container dcos_app	cluster hostname path (filesystem fields only) interface (network fields only) container_id task_name	system_uptime (float) cpu_cores (float) cpu_total (float) cpu_user (float) cpu_system (float) cpu_idle (float) cpu_wait (float) load_1min (float) load_5min (float) load_15min (float) filesystem_capacity_total_bytes (int) filesystem_capacity_used_bytes (int) filesystem_capacity_free_bytes (int) filesystem_inode_total (float) filesystem_inode_used (float) filesystem_inode_free (float) memory_total_bytes (int) memory_free_bytes (int) memory_buffers_bytes (int) memory_cached_bytes (int) swap_total_bytes (int) swap_free_bytes (int) swap_used_bytes (int) network_in_bytes (int) network_out_bytes (int) network_in_packets (float) network_out_packets (float) network_in_dropped (float) network_out_dropped (float) network_in_errors (float) network_out_errors (float) process_count (float)

Troubleshooting

Additional information may be found in the Support page.

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.