



# Configuring the Azure compute data collector

## Cloud Insights

Tony Lavoie  
February 28, 2020

This PDF was generated from [https://docs.netapp.com/us-en/cloudinsights/task\\_dc\\_ms\\_azure.html](https://docs.netapp.com/us-en/cloudinsights/task_dc_ms_azure.html) on May 19, 2020. Always check docs.netapp.com for the latest.

# Table of Contents

- Configuring the Azure compute data collector ..... 1
  - Requirements ..... 1
  - Configuration. .... 1
  - Advanced Configuration. .... 1
  - Troubleshooting ..... 2

# Configuring the Azure compute data collector

Cloud Insights uses the Azure compute data collector to acquire inventory and performance data from Azure compute instances.

## Requirements

You need the following information to configure this data collector.

- Port requirement: 443 HTTPS
- Azure Management Rest IP (management.azure.com)
- Azure service principal client ID (user account)
- Azure service principal authentication key (user password)
- You need to set up an Azure account for Cloud Insights discovery.

Once the account is properly configured and you register the application in Azure, you will have the credentials required to discover the Azure instance with Cloud Insights. The following link describes how to set up the account for discovery:

<https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal>

## Configuration

Enter data into the data collector fields according to the table below:

| Field  | Description  |
|--|--|
| Azure Service Principal Client ID                | Sign-in ID to Azure  |
| Azure tenant ID                                  | Microsoft tenant ID  |
| Azure Service Principal Authentication Key       | Login authentication key   |
| I understand Microsoft bills me for API requests | Check this to verify your understanding that Microsoft bills you for API requests made by Insight polling. |

## Advanced Configuration

| Field                         | Description       |
|-------------------------------|-------------------|
| Inventory Poll Interval (min) | The default is 60 |

| Field  | Description   |
|--|---|
| Choose 'Exclude' or 'Include' to Apply to Filter VMs by Tags | Specify whether to include or exclude VM's by Tags when collecting data. If 'Include' is selected, the Tag Key field can not be empty.  |
| Tag Keys and Values on which to Filter VMs                   | Click + <b>Filter Tag</b> to choose which VMs (and associated disks) to include/exclude by filtering for keys and values that match keys and values of tags on the VM. Tag Key is required, Tag Value is optional. When Tag Value is empty, the VM is filtered as long as it matches the Tag Key. |
| Performance Poll Interval (sec)                              | The default is 300  |

## Troubleshooting

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

## 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.