



ActiveMQ Data Collector

Cloud Insights

Tony Lavoie
March 04, 2021

This PDF was generated from https://docs.netapp.com/us-en/cloudinsights/task_config_telegraf_activemq.html on October 21, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- ActiveMQ Data Collector 1
 - Installation 1
 - Setup 2
 - Objects and Counters 3
 - Troubleshooting 3

ActiveMQ Data Collector

Cloud Insights uses this data collector to gather metrics from ActiveMQ.

Installation

1. From **Admin > Data Collectors**, click **+Data Collector**. Under **Services**, choose ActiveMQ.

Select the Operating System or Platform on which the Telegraf agent is installed.
2. If you haven't already installed an Agent for collection, or you wish to install an Agent for a different Operating System or Platform, click *Show Instructions* to expand the [Agent installation](#) instructions.
3. Select the Agent Access Key for use with this data collector. You can add a new Agent Access Key by clicking the **+ Agent Access Key** button. Best practice: Use a different Agent Access Key only when you want to group data collectors, for example, by OS/Platform.
4. Follow the configuration steps to configure the data collector. The instructions vary depending on the type of Operating System or Platform you are using to collect data.



ActiveMQ Configuration

Gathers ActiveMQ metrics.

What Operating System or Platform Are You Using?

[Need Help?](#)

Windows

Select existing Agent Access Key or create a new one

Default (405fb5ec-d4cb-4404-977b-71fa931e1ad3) [+ Agent Access Key](#)

*Please ensure that you have a Telegraf Agent in you environment before configuring [Show Instructions](#)

Follow Configuration Steps

[Need Help?](#)

- 1 Copy the contents below into a new .conf file under the C:\Program Files\telegraf\telegraf.d\ folder. For example, copy the contents to the C:\Program Files\telegraf\telegraf.d\cloudinsights-activemq.conf file.

```
[[inputs.activemq]]
  ## Required ActiveMQ Endpoint, port
  ## USER-ACTION: Provide address of ActiveMQ, HTTP port for ActiveMQ
  server = "<INSERT_ACTIVEMQ_ADDRESS>"
  port = <INSERT_ACTIVEMQ_PORT>
```

- 2 Replace <INSERT_ACTIVEMQ_ADDRESS> with the applicable ActiveMQ server address. Please specify a real machine address, and refrain from using a loopback address.
- 3 Replace <INSERT_ACTIVEMQ_PORT> with the applicable ActiveMQ server HTTP port.
- 4 Replace <INSERT_ACTIVEMQ_USERNAME> and <INSERT_ACTIVEMQ_PASSWORD> with the applicable ActiveMQ credentials.
- 5 Modify 'webadmin' if needed (if ActiveMQ server changes web admin root path).
- 6 Modify 'Namespace' if needed for server disambiguation (to avoid name clashes).
- 7 Restart the Telegraf service.

```
Stop-Service -Name telegraf -ErrorAction SilentlyContinue; Start-Service -Name telegraf
```

Setup

Information may be found in the [ActiveMQ documentation](#)

Objects and Counters

The following objects and their counters are collected:

Object:	Identifiers:	Attributes:	Datapoints:
ActiveMQ Queue	Namespace Queue Port Server	Node Name Node IP Node UUID	Consumer Count Dequeue Count Enqueue Count Queue Size
ActiveMQ Subscriber	Client ID Connection ID Port Server Namespace	Is Active Destination Node Name Node IP Node UUID Node OS Selector Subscription	Dequeue Count Dispatched Count Dispatched Queue Size Enqueue Count Pending Queue Size
ActiveMQ Topic	Topic Port Server Namespace	Node Name Node IP Node UUID Node OS	Consumer Count Dequeue Count Enqueue Count Size

Troubleshooting

Additional information may be found from 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.