



Redis Data Collector

Cloud Insights

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Redis Data Collector

Cloud Insights uses this data collector to gather metrics from Redis. Redis is an open source, in-memory data structure store used as a database, cache, and message broker, supporting the following data structures: strings, hashes, lists, sets, and more.

Installation

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

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.



Redis Configuration

Gathers Redis 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 Configure Redis to accept connections from the address of the node on which the Telegraf agent resides. Open the Redis configuration file.

```
vi /etc/redis.conf
```



- 2 Locate the line that begins with 'bind 127.0.0.1', and append the address of the node on which the Telegraf agent resides

```
bind 127.0.0.1 <NODE_IP_ADDRESS>
```



- 3 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-redis.conf file.

```
# Read metrics from one or many redis servers
[[inputs.redis]]
  ## specify servers via a url matching:
  ## [protocol://][:password]@address[:port]
  ## e.g.
  ## http://username:password@127.0.0.1:6379
```



- 4 Replace <INSERT_REDIS_ADDRESS> with the applicable Redis address. Please specify a real machine address, and refrain from using a loopback address.
- 5 Replace <INSERT_REDIS_PORT> with the applicable Redis port.
- 6 Restart the Telegraf service.

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



Setup

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

Objects and Counters

The following objects and their counters are collected:

| Object: | Identifiers: | Attributes: | Datapoints: |
|---------|---------------------|-------------|-------------|
| Redis | Namespace Server | | |

Troubleshooting

Additional information may be found from the [Support](#) page.

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