



# CouchDB Data Collector

## Cloud Insights

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# Table of Contents

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

# CouchDB Data Collector

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

## Installation

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

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.




## CouchDB Configuration

Gathers CouchDB metrics.

### What Operating System or Platform Are You Using?

[Need Help?](#)

 RHEL & CentOS

### 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 /etc/telegraf/telegraf.d/ directory. For example, copy the contents to the /etc/telegraf/telegraf.d/cloudinsights-couchdb.conf file.

```
## Read CouchDB Stats from one or more servers
[[inputs.couchdb]]
  ## Works with CouchDB stats endpoints out of the box
  ## Multiple Hosts from which to read CouchDB stats:
  ## USER-ACTION: Provide comma-separated list of couchdb IP(s) and port(s).
  ## USER-ACTION: Multiple Hosts from which to read CouchDB stats:
  ## USER-ACTION: Provide comma-separated list of couchdb IP(s) and port(s).
```

- 2 Replace <INSERT\_COUCHDB\_ADDRESS> with the applicable CouchDB address. Please specify a real machine address, and refrain from using a loopback address.
- 3 Replace <INSERT\_COUCHDB\_PORT> with the applicable CouchDB port.
- 4 Modify the URL if CouchDB monitoring is exposed at different path
- 5 Restart the Telegraf service.

```
systemctl restart telegraf
```

## Setup

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

## Objects and Counters

The following objects and their counters are collected:

Object:	Identifiers:	Attributes:	Datapoints:
CouchDB	Namespace Server	Node Name Node IP	Authentication Cache Hits Authentication Cache Miss Database Reads Database Writes Databases Open Open OS Files Max Request Time Min Request Time Httpd Request Methods Copy Httpd Request Methods Delete Httpd Request Methods Get Httpd Request Methods Head Httpd Request Methods Post Httpd Request Methods Put Status Codes 200 Status Codes 201 Status Codes 202 Status Codes 301 Status Codes 304 Status Codes 400 Status Codes 401 Status Codes 403 Status Codes 404 Status Codes 405 Status Codes 409 Status Codes 412 Status Codes 500

## Troubleshooting

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

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