Elasticsearch Data Collector

Cloud Insights

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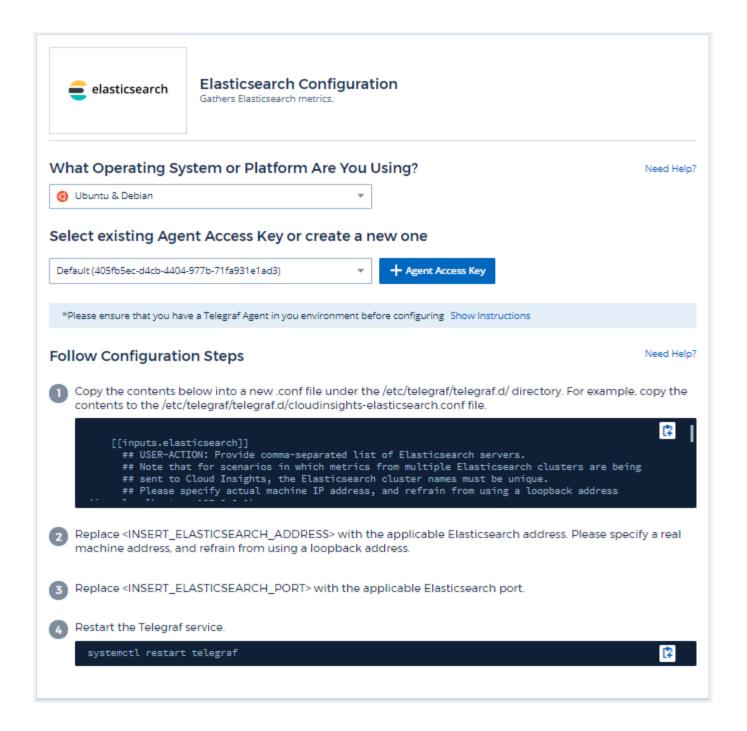
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Elasticsearch Data Collector

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

- 1. From Admin > Data Collectors, click +Data Collector. Under Services, choose Elasticsearch.
 - 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.



Setup

Information may be found in the Elasticsearch documentation.

Objects and Counters

The following objects and their counters are collected:

Object:	Identifiers:	Attributes:	Datapoints:
Elasticsearch Cluster	Namespace	Node IP	Master Node Count
	Cluster	Node Name	Total Node Count
		Cluster Status	Filesystem Data
			Available (bytes)
			Filesystem Data Free
			(bytes)
			Filesystem Data Total
			(bytes)
			JVM Threads
			OS Allocated
			Proccessors
			OS Available Processors
			OS Mem Free (bytes)
			OS Mem Free
			OS Mem Total (bytes)
			OS Mem Used (bytes)
			OS Mem Used
			Process CPU
			Indices Completion Size
			(bytes)
			Indices Count
			Indices Docs Count
			Indices Docs Deleted
			Indices Field Data
			Evictions
			Indices Field Data
			Memory Size (bytes)
			Indices Query Cache Count
			Indices Cache Size
			Indices Segments Count
			Indices Segments Doc
			Values Memory (bytes)
			Indices Shards Index
			Primaries Avg
			Indices Shards Index
			Primaries Max
			Indices Shards Index
			Primaries Min
			Indices Shards Index
			Replication Avg
			Indices Shards Index
			Replication Max
			Indices Shards Index

Object:	Identifiers:	Attributes:	Datapoints:
Elasticsearch Node	Namespace Cluster ES Node IP ES Node	Zone ID	Machine Learning Enabled Machine Learning Memory Machine Learning Max Open Jobs X-Pack Installed Breakers Accounting Estimated Size (bytes) Breakers Accounting Limit Size (bytes) Breakers Accounting Overhead Breakers Field Data Estimated Size (bytes) Breakers Field Data Limit Size (bytes) Breakers Field Data Limit Size (bytes) Breakers Field Data Coverhead Breakers Field Data Tripped Breakers Field Data Tripped Breakers In-Flight Sstimated Size (bytes) Breakers In-Flight Limit Size (bytes) Breakers In-Flight Overhead Breakers In-Flight Tripped Breakers Parent Estimated Size (bytes) Breakers Parent Estimated Size (bytes) Breakers Parent Estimated Size (bytes) Breakers Parent Coverhead Breakers Parent Coverhead Breakers Request Estimated Size (bytes)

Troubleshooting

Additional information may be found from the Support page.

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