Elasticsearch Data Collector

Cloud Insights

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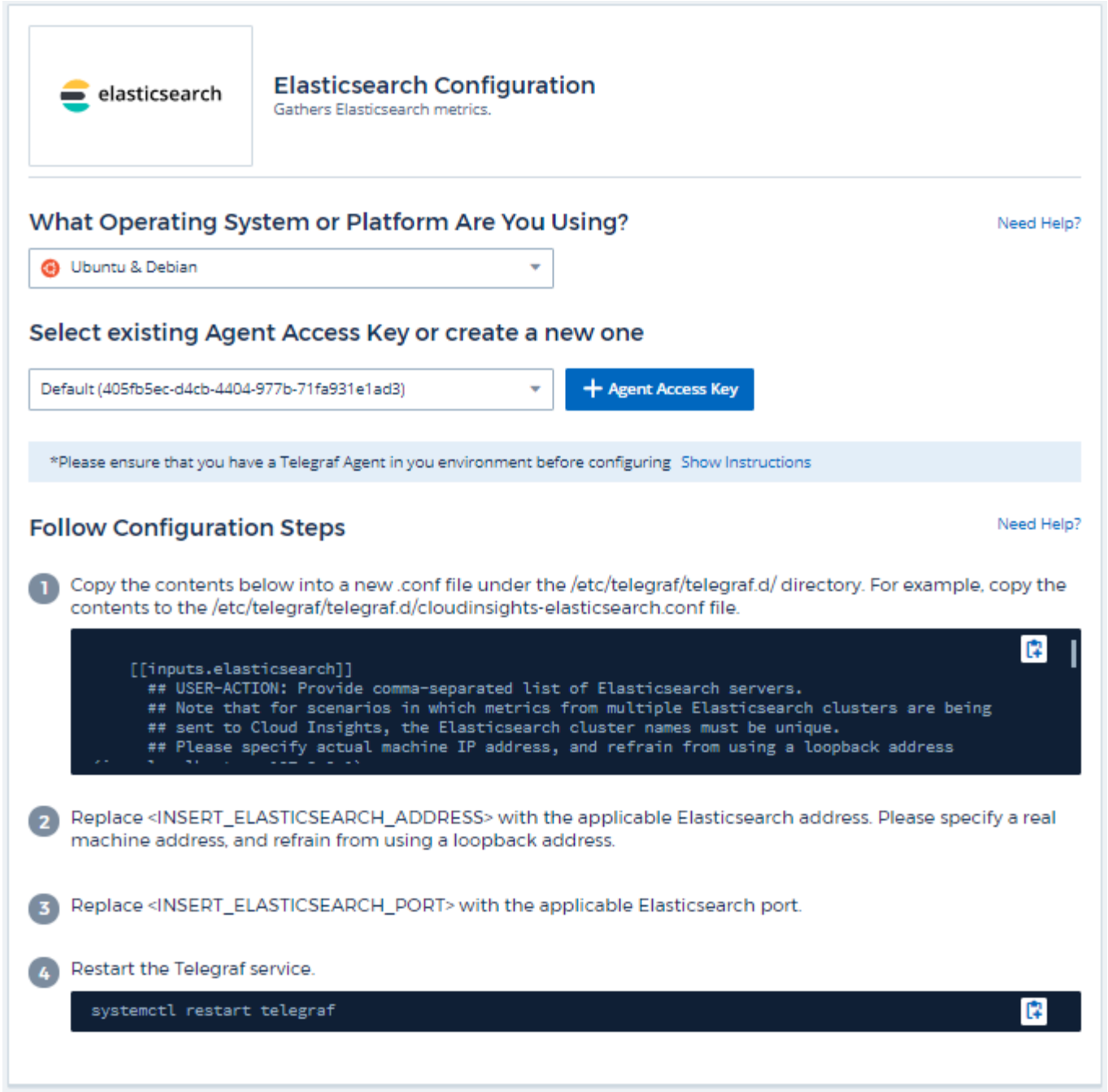
Elasticsearch Data Collector

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 Cluster	Node IP Node Name Cluster Status	Master Node Count Total Node Count 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 ID 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 Accounting Tripped Breakers Field Data Estimated Size (bytes) Breakers Field Data Limit Size (bytes) Breakers Field Data Overhead 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 Limit Size (bytes) Breakers Parent Overhead Breakers Parent Tripped Breakers Request Estimated Size (bytes) Breakers Request Limit Size (bytes) Breakers Request Overhead

Troubleshooting

Additional information may be found from the Support page.

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