JSON is great for computers. Even if it’s pretty-printed, trying to find relationships in the data is tedious.

So, The compact and aligned text(CAT) APIs aim to meet this need.

Common parameters:

**Verbose**

Each of the commands accepts a query string parameter v to turn on verbose output.

Practice on my 3 node cluster:

Structure:

ip heap.percent ram.percent cpu load\_1m load\_5m load\_15m node.role master name

172.27.0.4 65 80 21 1.47 1.64 1.92 cdfhilmrstw - node02

172.27.0.2 51 82 21 1.47 1.64 1.92 cdfhilmrstw \* node03

172.27.0.3 33 81 21 1.47 1.64 1.92 cdfhilmrstw - node01

**Syntax:** GET \_cat/master?v=true

**Response:**

id host ip node

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03

**Help**

Used for commands that accept a query string parameter.

**Syntax:** GET \_cat/master?help

**Response:**

id | | node id

host | h | host name

ip | | ip address

node | n | node name

**Headers**

Used for showing only those columns that we want.

**Syntax:** GET \_cat/nodes?h=ip,port,heapPercent,name

**Response:**

172.27.0.3 9300 26 node01

172.27.0.2 9300 59 node03

172.27.0.4 9300 67 node02

**Numeric Formats**

Many commands provide a few types of numeric output, either a byte,size or time value.

There are 3 types of params.

1). Bytes: The byte query string parameter with a value of b to get byte-level resolution.

2). sort(s): The parameter with a value of store.size:desc and a comma with index:asc to sort the output by shard storage descending order and then index name in ascending order.

3). verbose(v): The parameter to include column heading in the response.

GET \_cat/indices?bytes=b&s=store.size:desc,index:asc&v=true

**Response:**

health status index uuid pri rep docs.count docs.deleted store.size pri.store.size

green open .monitoring-es-7-2022.08.08 7hICQx9uQF6JZMfK0e9wew 1 1 38138 0 109384271 54612736

green open .ds-filebeat-8.3.3-2022.08.08-000001 c4i3dK6VRoew67sfTQLyow 1 1 33666 0 25947740 11631023

green open filebeat-8.3.3-2022.08.08 bnqlGu0TTiCiVJul7oC7kA 1 1 3986 0 23742447 12854984

green open .ds-metricbeat-8.3.3-2022.08.08-000001 osb0cQh3S5uV8boUZuStmw 1 1 22483 0 23675243 11837616

green open .monitoring-logstash-7-2022.08.08 4N5XMFWMTNqDsN89FErngQ 1 1 13998 0 2917163 1559824

green open .monitoring-kibana-7-2022.08.08 phliP8lpSw6\_cjwY4iIlYA 1 1 4732 0 2789295 1262704

green open logstash-2022.08.08-000001 mJTSh2HtSNme6miyoVD6sA 1 1 0 0 450 225

**Sort:**

Sort the columns specified as the parameter value.columns are specified either by name or by alias.

**Syntax:**GET \_cat/templates?v=true&s=order:desc,index\_patterns

**Response:**

name index\_patterns order version composed\_of

.slm-history [.slm-history-5\*] 2147483647 5 []

.watch-history-16 [.watcher-history-16\*] 2147483647 16 []

ilm-history [ilm-history-5\*] 2147483647 5 []

.deprecation-indexing-template [.logs-deprecation.\*] 1000 1 [.deprecation-indexing-mappings, .deprecation-indexing-settings]

logstash [logstash-\*] 200 80001 []

filebeat-8.3.3 [filebeat-8.3.3] 150 []

metricbeat-8.3.3 [metricbeat-8.3.3] 150 []

logs [logs-\*-\*] 100 1 [logs-mappings, data-streams-mappings, logs-settings]

metrics [metrics-\*-\*] 100 1 [metrics-mappings, data-streams-mappings, metrics-settings]

synthetics [synthetics-\*-\*] 100 1 [synthetics-mappings, data-streams-mappings, synthetics-settings]

.kibana-event-log-8.3.3-template [.kibana-event-log-8.3.3-\*] 0 []

.monitoring-alerts-7 [.monitoring-alerts-7] 0 8010099

.monitoring-beats [.monitoring-beats-7-\*] 0 8010099

.monitoring-beats-mb [.monitoring-beats-8-\*] 0 8000101 []

.monitoring-ent-search-mb [.monitoring-ent-search-8-\*] 0 8000101 []

.monitoring-es [.monitoring-es-7-\*] 0 8010099

.monitoring-es-mb [.monitoring-es-8-\*] 0 8000101 []

.monitoring-kibana [.monitoring-kibana-7-\*] 0 8010099

.monitoring-kibana-mb [.monitoring-kibana-8-\*] 0 8000101 []

.monitoring-logstash [.monitoring-logstash-7-\*] 0 8010099

.monitoring-logstash-mb [.monitoring-logstash-8-\*] 0 8000101 []

* **\_cat/aliases**

It retrieves the cluster’s index aliases, including filter and routing information.

**Syntax:** GET \_cat/aliases

**Response:**

.kibana-event-log-8.3.3 .kibana-event-log-8.3.3-000001 - - - true

.kibana\_task\_manager .kibana\_task\_manager\_8.3.3\_001 - - - -

.kibana\_task\_manager\_8.3.3 .kibana\_task\_manager\_8.3.3\_001 - - - -

.kibana .kibana\_8.3.3\_001 - - - -

.kibana\_8.3.3 .kibana\_8.3.3\_001 - - - -

logstash logstash-2022.08.08-000001 - - - true

* **\_cat/allocation**

It is used to provide the snapshot of the number of shards allocated to each data node and their disk space.

**Syntax:** GET /\_cat/allocation/<node\_id>

GET /\_cat/allocation

**Response:**

12 74.2mb 127.7gb 105.4gb 233.1gb 54 172.27.0.2 172.27.0.2 node03

11 85.1mb 127.7gb 105.4gb 233.1gb 54 172.27.0.4 172.27.0.4 node02

11 111mb 127.7gb 105.4gb 233.1gb 54 172.27.0.3 172.27.0.3 node01

* **\_cat/count**

It provides quick access to a document count for a data stream, an index, or an entire cluster.

**Syntax:** GET \_cat/count

**Response:**

1659966600 13:50:00 121012

* **\_cat/fielddata**

It is used to return the amount of heap memory currently used by field data on evry data node in cluster.

**Syntax:** GET \_cat/fielddata

**Response:**

ZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.memory.id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.cpuacct.id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 task.status 0b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.cpu.path 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 agent.type 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.memory.path 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 task.ownerId 0b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 event.module 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 agent.id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 ecs.version 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.state 944b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 agent.ephemeral\_id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 agent.version 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 agent.name 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 task.schedule.interval 0b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 host.name 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.blkio.path 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cmdline 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.cpu.id 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 system.process.cgroup.cpuacct.path 240b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 event.dataset 680b

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03 task.taskType 0b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 process.args 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 user.name 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 process.working\_directory 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 process.state 944b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 service.type 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 metricset.name 680b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 process.name 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 agent.type 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 event.module 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 agent.id 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 ecs.version 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 agent.ephemeral\_id 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 agent.version 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 agent.name 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 host.name 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 system.network.name 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 process.executable 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 system.process.cgroup.blkio.id 240b

BCoYezYRT1qAe39NPiJW7Q 172.27.0.4 172.27.0.4 node02 event.dataset 680b

Fi6Ub6oCSiKO4VIVflAhfg 172.27.0.3 172.27.0.3 node01 task.ownerId 0b

Fi6Ub6oCSiKO4VIVflAhfg 172.27.0.3 172.27.0.3 node01 task.status 0b

Fi6Ub6oCSiKO4VIVflAhfg 172.27.0.3 172.27.0.3 node01 task.schedule.interval 0b

Fi6Ub6oCSiKO4VIVflAhfg 172.27.0.3 172.27.0.3 node01 task.taskType 0b

* **\_cat/health**

It is used to return the status health of a cluster.

**Syntax:** GET \_cat/health

**Response:**

1659967201 14:00:01 docker-cluster green 3 3 34 17 0 0 0 0 - 100.0%

* **\_cat/indices**

It is used to return the information of indices in a cluster.

**Syntax:** GET /cat/indices

**Response:**

green open .monitoring-es-7-2022.08.08 7hICQx9uQF6JZMfK0e9wew 1 1 47978 20910 111.4mb 57.2mb

green open .monitoring-logstash-7-2022.08.08 4N5XMFWMTNqDsN89FErngQ 1 1 17623 0 3.3mb 2mb

green open logstash-2022.08.08-000001 mJTSh2HtSNme6miyoVD6sA 1 1 0 0 450b 225b

green open .monitoring-kibana-7-2022.08.08 phliP8lpSw6\_cjwY4iIlYA 1 1 4732 0 2.9mb 1.2mb

green open .ds-filebeat-8.3.3-2022.08.08-000001 c4i3dK6VRoew67sfTQLyow 1 1 35226 0 28.1mb 14.4mb

green open filebeat-8.3.3-2022.08.08 bnqlGu0TTiCiVJul7oC7kA 1 1 4184 0 25.6mb 12.6mb

green open .ds-metricbeat-8.3.3-2022.08.08-000001 osb0cQh3S5uV8boUZuStmw 1 1 22483 0 22.5mb 11.2mb

* **\_cat/master**

It is used to return the node\_id, ip address and node name.

**Syntax:** GET \_cat/master

**Response:**

lZjXLRMLTdONkbb1hbXAVA 172.27.0.2 172.27.0.2 node03

* **\_cat/nodeattrs**

It is used to return the attributes of nodes like name,ip,xpack installation status.

**Syntax:** GET \_cat/nodeattrs

**Response:**

node01 172.27.0.3 172.27.0.3 xpack.installed true

node02 172.27.0.4 172.27.0.4 xpack.installed true

node03 172.27.0.2 172.27.0.2 xpack.installed true

* **\_cat/nodes**

It is used to get the node information, like port,ID, name.

**Syntax:** GET \_cat/nodes

**Response:**

172.27.0.3 57 76 18 1.41 1.47 1.47 cdfhilmrstw - node01

172.27.0.4 68 76 18 1.41 1.47 1.47 cdfhilmrstw - node02

172.27.0.2 25 77 18 1.41 1.47 1.47 cdfhilmrstw \* node03

* **\_cat/pending\_taks**

It is used to get the pending\_task that remains.

**Syntax:** GET \_cat/pending\_tasks

**Response:**

Right now I don't have any pending\_task.

* **\_cat/plugins**

It is used to get the list of plugins that run on a cluster.

* **\_cat/recovery**

It is used to get information of ongoing shards & completed shards recovery that similar we use in index recovery API

**Syntax:** GET \_cat/recovery

**Response:**

.monitoring-es-7-2022.08.09 0 57ms empty\_store done n/a n/a 172.18.0.4 node01 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.monitoring-es-7-2022.08.09 0 398ms peer done 172.18.0.4 node01 172.18.0.2 node03 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 22 22 100.0%

logstash-2022.08.09-000001 0 590ms peer done 172.18.0.2 node03 172.18.0.3 node02 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 0 0 100.0%

logstash-2022.08.09-000001 0 31ms empty\_store done n/a n/a 172.18.0.2 node03 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.ds-filebeat-8.3.3-2022.08.09-000001 0 46ms empty\_store done n/a n/a 172.18.0.3 node02 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.ds-filebeat-8.3.3-2022.08.09-000001 0 67ms peer done 172.18.0.3 node02 172.18.0.2 node03 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 0 0 100.0%

.monitoring-logstash-7-2022.08.09 0 25ms empty\_store done n/a n/a 172.18.0.4 node01 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.monitoring-logstash-7-2022.08.09 0 57ms peer done 172.18.0.4 node01 172.18.0.2 node03 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 1 1 100.0%

filebeat-8.3.3-2022.08.09 0 61ms peer done 172.18.0.4 node01 172.18.0.3 node02 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 0 0 100.0%

filebeat-8.3.3-2022.08.09 0 29ms empty\_store done n/a n/a 172.18.0.4 node01 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.monitoring-kibana-7-2022.08.09 0 48ms empty\_store done n/a n/a 172.18.0.4 node01 n/a n/a 0 0 0.0% 0 0b 0b 0.0% 0b 0 0 100.0%

.monitoring-kibana-7-2022.08.09 0 445ms peer done 172.18.0.4 node01 172.18.0.2 node03 n/a n/a 1 1 100.0% 1 225b 225b 100.0% 225b 2 2 100.0%

* **\_cat/repositories**

It is used to get the snapshot repository for a cluster.

**Syntax:** GET /\_cat/repositories?v=true

**Response:**

id type

* **\_cat/segments**

It is used to return information about segments in index shards.

**Syntax:** GET \_cat/segments

**Response:**

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_u 30 1213 2340 1mb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_v 31 340 120 226.4kb 0 false true 9.2.0 false

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_w 32 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_x 33 15 30 114.6kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_y 34 15 30 114.6kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_z 35 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_10 36 15 30 114.8kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_11 37 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 p 172.18.0.4 \_12 38 45 0 85.9kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_0 0 22 0 79.2kb 0 true false 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_k 20 1215 2340 1mb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_l 21 338 120 259.7kb 0 false true 9.2.0 false

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_m 22 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_n 23 15 30 114.6kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_o 24 15 30 114.6kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_p 25 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_q 26 15 30 114.8kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_r 27 15 30 114.7kb 0 false true 9.2.0 true

.monitoring-es-7-2022.08.09 0 r 172.18.0.2 \_s 28 45 0 85.9kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 p 172.18.0.3 \_b 11 54417 0 9.7mb 0 false true 9.2.0 false

.ds-filebeat-8.3.3-2022.08.09-000001 0 p 172.18.0.3 \_83 291 16718 0 3.4mb 0 false true 9.2.0 false

.ds-filebeat-8.3.3-2022.08.09-000001 0 p 172.18.0.3 \_84 292 7 0 26.4kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 p 172.18.0.3 \_85 293 1 0 20kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_b 11 54527 0 9.8mb 0 false true 9.2.0 false

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7t 281 16569 0 3.3mb 0 false true 9.2.0 false

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7u 282 1 0 20.2kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7v 283 7 0 26.5kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7w 284 1 0 20kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7x 285 29 0 28.7kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7y 286 1 0 20.2kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_7z 287 7 0 26.4kb 0 false true 9.2.0 true

.ds-filebeat-8.3.3-2022.08.09-000001 0 r 172.18.0.2 \_80 288 1 0 20kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 p 172.18.0.4 \_9 9 418 0 70.9kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 p 172.18.0.4 \_b 11 58 0 53.6kb 0 false true 9.2.0 false

.monitoring-logstash-7-2022.08.09 0 p 172.18.0.4 \_c 12 6 0 32.7kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 p 172.18.0.4 \_d 13 6 0 32.7kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 p 172.18.0.4 \_e 14 6 0 32.7kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 r 172.18.0.2 \_0 0 1 0 10.2kb 0 true false 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 r 172.18.0.2 \_8 8 423 0 71.3kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 r 172.18.0.2 \_b 11 59 0 54.6kb 0 false true 9.2.0 false

.monitoring-logstash-7-2022.08.09 0 r 172.18.0.2 \_c 12 6 0 32.7kb 0 false true 9.2.0 true

.monitoring-logstash-7-2022.08.09 0 r 172.18.0.2 \_d 13 6 0 32.7kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_1 1 538 0 732.4kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_b 11 80 0 255.4kb 0 false true 9.2.0 false

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_c 12 31 0 150.4kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_d 13 1 0 73.3kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_e 14 3 0 80.1kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_f 15 1 0 73.4kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_g 16 1 0 73.5kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_h 17 1 0 73.6kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 r 172.18.0.3 \_i 18 1 0 73.1kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 p 172.18.0.4 \_1 1 543 0 753.9kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 p 172.18.0.4 \_b 11 111 0 323kb 0 false true 9.2.0 false

filebeat-8.3.3-2022.08.09 0 p 172.18.0.4 \_c 12 1 0 73.5kb 0 false true 9.2.0 true

filebeat-8.3.3-2022.08.09 0 p 172.18.0.4 \_d 13 1 0 73.6kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_a 10 158 0 56.8kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_b 11 22 0 37kb 0 false true 9.2.0 false

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_c 12 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_d 13 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_e 14 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 p 172.18.0.4 \_f 15 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_0 0 2 0 16.9kb 0 true false 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_a 10 158 0 56.8kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_b 11 22 0 37kb 0 false true 9.2.0 false

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_c 12 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_d 13 2 0 16.9kb 0 false true 9.2.0 true

.monitoring-kibana-7-2022.08.09 0 r 172.18.0.2 \_e 14 2 0 16.9kb 0 false true 9.2.0 true

* **\_cat/shards**

It is used to get details of nodes that contain shards. If primary & replicas are there then which shard is primary and replica.

**Syntax:** GET \_cat/shards

**Response:**

.monitoring-kibana-7-2022.08.09 0 p STARTED 188 161.8kb 172.18.0.4 node01

.monitoring-kibana-7-2022.08.09 0 r STARTED 186 161.9kb 172.18.0.2 node03

.ds-filebeat-8.3.3-2022.08.09-000001 0 r STARTED 71310 13.3mb 172.18.0.2 node03

.ds-filebeat-8.3.3-2022.08.09-000001 0 p STARTED 71310 13.4mb 172.18.0.3 node02

.apm-agent-configuration 0 p STARTED 0 225b 172.18.0.2 node03

.apm-agent-configuration 0 r STARTED 0 225b 172.18.0.3 node02

.apm-custom-link 0 r STARTED 0 225b 172.18.0.4 node01

.apm-custom-link 0 p STARTED 0 225b 172.18.0.3 node02

logstash-2022.08.09-000001 0 p STARTED 0 225b 172.18.0.2 node03

logstash-2022.08.09-000001 0 r STARTED 0 225b 172.18.0.3 node02

.ds-ilm-history-5-2022.08.09-000001 0 r STARTED 15 46.4kb 172.18.0.4 node01

.ds-ilm-history-5-2022.08.09-000001 0 p STARTED 15 46.4kb 172.18.0.3 node02

.kibana\_task\_manager\_8.3.3\_001 0 r STARTED 23 407.5kb 172.18.0.2 node03

.kibana\_task\_manager\_8.3.3\_001 0 p STARTED 23 371.6kb 172.18.0.3 node02

.kibana\_8.3.3\_001 0 p STARTED 62 4.8mb 172.18.0.4 node01

.kibana\_8.3.3\_001 0 r STARTED 62 4.8mb 172.18.0.3 node02

.monitoring-logstash-7-2022.08.09 0 p STARTED 494 238.1kb 172.18.0.4 node01

.monitoring-logstash-7-2022.08.09 0 r STARTED 494 217.2kb 172.18.0.2 node03

.monitoring-es-7-2022.08.09 0 p STARTED 1688 3mb 172.18.0.4 node01

.monitoring-es-7-2022.08.09 0 r STARTED 1688 3.1mb 172.18.0.2 node03

.kibana-event-log-8.3.3-000001 0 r STARTED 1 6.3kb 172.18.0.4 node01

.kibana-event-log-8.3.3-000001 0 p STARTED 1 6.2kb 172.18.0.3 node02

.async-search 0 p STARTED 0 248b 172.18.0.4 node01

.async-search 0 r STARTED 0 248b 172.18.0.2 node03

filebeat-8.3.3-2022.08.09 0 p STARTED 656 1.2mb 172.18.0.4 node01

filebeat-8.3.3-2022.08.09 0 r STARTED 657 1.5mb 172.18.0.3 node02

.ds-.logs-deprecation.elasticsearch-default-2022.08.09-000001 0 p STARTED 6 50.4kb 172.18.0.4 node01

.ds-.logs-deprecation.elasticsearch-default-2022.08.09-000001 0 r STARTED 6 50.4kb 172.18.0.2 node03

.geoip\_databases 0 p STARTED 39 37mb 172.18.0.2 node03

.geoip\_databases 0 r STARTED 39 37mb 172.18.0.3 node02

* **\_cat/snapshots**

It is used to return the information that is stored in repos.

**Syntax:** GET \_cat/snapshots

**Response:** Right now i don't have any snapshot.

* **\_cat/tasks**

It is used to return the information about tasks that are currently running in the cluster.

**Syntax:** GET \_cat/tasks

**Response:**

geoip-downloader[c] Z1gpz0YkSJqPnz3LaWfZEg:68 cluster:1 persistent 1660041974056 10:46:14 46.4m 172.18.0.3 node02

cluster:monitor/tasks/lists 7CcOtI1ZT5u-coxZD0pfSQ:28710 - transport 1660044761548 11:32:41 565.1micros 172.18.0.4 node01

cluster:monitor/tasks/lists[n] 57NurhJXRjalsZl6W\_z4YQ:39497 7CcOtI1ZT5u-coxZD0pfSQ:28710 transport 1660044761548 11:32:41 1.6ms 172.18.0.2 node03

cluster:monitor/tasks/lists[n] 7CcOtI1ZT5u-coxZD0pfSQ:28711 7CcOtI1ZT5u-coxZD0pfSQ:28710 direct 1660044761548 11:32:41 113.8micros 172.18.0.4 node01

cluster:monitor/tasks/lists[n] Z1gpz0YkSJqPnz3LaWfZEg:52443 7CcOtI1ZT5u-coxZD0pfSQ:28710 transport 1660044761548 11:32:41 2.2ms 172.18.0.3 node02

* **\_cat/templates**

It is used to return the information about the index template in the cluster.

**Syntax:** GET \_cat/templates

**Response:**

monitoring-kibana [.monitoring-kibana-7-\*] 0 8010099

.monitoring-beats [.monitoring-beats-7-\*] 0 8010099

.monitoring-alerts-7 [.monitoring-alerts-7] 0 8010099

.monitoring-logstash [.monitoring-logstash-7-\*] 0 8010099

.monitoring-es [.monitoring-es-7-\*] 0 8010099

.watch-history-16 [.watcher-history-16\*] 2147483647 16 []

.monitoring-beats-mb [.monitoring-beats-8-\*] 0 8000101 []

.monitoring-kibana-mb [.monitoring-kibana-8-\*] 0 8000101 []

.monitoring-ent-search-mb [.monitoring-ent-search-8-\*] 0 8000101 []

synthetics [synthetics-\*-\*] 100 1 [synthetics-mappings, data-streams-mappings, synthetics-settings]

ilm-history [ilm-history-5\*] 2147483647 5 []

.kibana-event-log-8.3.3-template [.kibana-event-log-8.3.3-\*] 0 []

logstash [logstash-\*] 200 80001 []

.monitoring-es-mb [.monitoring-es-8-\*] 0 8000101 []

.slm-history [.slm-history-5\*] 2147483647 5 []

.monitoring-logstash-mb [.monitoring-logstash-8-\*] 0 8000101 []

filebeat-8.3.3 [filebeat-8.3.3] 150 []

metrics [metrics-\*-\*] 100 1 [metrics-mappings, data-streams-mappings, metrics-settings]

.deprecation-indexing-template [.logs-deprecation.\*] 1000 1 [.deprecation-indexing-mappings, .deprecation-indexing-settings]

logs [logs-\*-\*] 100 1 [logs-mappings, data-streams-mappings, logs-settings]

* **\_cat/thread\_pool**

It is used to return thread pool statistics for each node in a cluster.

**Syntax:** GET \_cat/thread\_pool

**Response:**

node03 analyze 0 0 0

node03 auto\_complete 0 0 0

node03 azure\_event\_loop 0 0 0

node03 ccr 0 0 0

node03 cluster\_coordination 0 0 0

node03 fetch\_shard\_started 0 0 0

node03 fetch\_shard\_store 0 0 0

node03 flush 0 0 0

node03 force\_merge 0 0 0

node03 generic 0 0 0

node03 get 0 0 0

node03 management 1 0 0

node03 refresh 0 0 0

node03 repository\_azure 0 0 0

node03 rollup\_indexing 0 0 0

node03 search 0 0 0

node03 search\_coordination 0 0 0

node03 search\_throttled 0 0 0

node03 searchable\_snapshots\_cache\_fetch\_async 0 0 0

node03 searchable\_snapshots\_cache\_prewarming 0 0 0

node03 snapshot 0 0 0

node03 snapshot\_meta 0 0 0

node03 system\_critical\_read 0 0 0

node03 system\_critical\_write 0 0 0

node03 system\_read 0 0 0

node03 system\_write 0 0 0

node03 vector\_tile\_generation 0 0 0

node03 warmer 0 0 0

node03 watcher 0 0 0

node03 write 0 0 0

node02 analyze 0 0 0

node02 auto\_complete 0 0 0

node02 azure\_event\_loop 0 0 0

node02 ccr 0 0 0

node02 cluster\_coordination 0 0 0

node02 fetch\_shard\_started 0 0 0

node02 fetch\_shard\_store 0 0 0

node02 flush 0 0 0

node02 force\_merge 0 0 0

node02 generic 0 0 0

node02 get 0 0 0

node02 management 1 0 0

node02 refresh 0 0 0

node02 repository\_azure 0 0 0

node02 rollup\_indexing 0 0 0

node02 search 0 0 0

node02 search\_coordination 0 0 0

node02 search\_throttled 0 0 0

node02 searchable\_snapshots\_cache\_fetch\_async 0 0 0

node02 searchable\_snapshots\_cache\_prewarming 0 0 0

node02 snapshot 0 0 0

node02 snapshot\_meta 0 0 0

node02 system\_critical\_read 0 0 0

node02 system\_critical\_write 0 0 0

node02 system\_read 0 0 0

node02 system\_write 0 0 0

node02 vector\_tile\_generation 0 0 0

node02 warmer 0 0 0

node02 watcher 0 0 0

node02 write 0 0 0

node01 analyze 0 0 0

node01 auto\_complete 0 0 0

node01 azure\_event\_loop 0 0 0

node01 ccr 0 0 0

node01 cluster\_coordination 0 0 0

node01 fetch\_shard\_started 0 0 0

node01 fetch\_shard\_store 0 0 0

node01 flush 0 0 0

node01 force\_merge 0 0 0

node01 generic 1 0 0

node01 get 0 0 0

node01 management 1 0 0

node01 refresh 0 0 0

node01 repository\_azure 0 0 0

node01 rollup\_indexing 0 0 0

node01 search 0 0 0

node01 search\_coordination 0 0 0

node01 search\_throttled 0 0 0

node01 searchable\_snapshots\_cache\_fetch\_async 0 0 0

node01 searchable\_snapshots\_cache\_prewarming 0 0 0

node01 snapshot 0 0 0

node01 snapshot\_meta 0 0 0

node01 system\_critical\_read 0 0 0

node01 system\_critical\_write 0 0 0

node01 system\_read 0 0 0

node01 system\_write 0 0 0

node01 vector\_tile\_generation 0 0 0

node01 warmer 0 0 0

node01 watcher 0 0 0

node01 write 0 0 0

* **\_cat/transforms**

It is used to return the usage info and config info of transforms.

**Syntax:** GET \_cat/transforms

**Response:** Right now I don't have any transforms.