ElasticSearch 监控场景

简介

Elasticsearch提供了许多指标，可以帮助您检测故障迹象并在遇到不可靠的节点，内存不足的错误以及较长的垃圾收集时间等问题时采取措施。需要监视的几个关键领域是：

- 搜索和索引性能
- 内存和垃圾回收
- 主机级系统和网络指标
- 集群运行状况和节点可用性
- 资源饱和和错误

前置条件

- 需安装 DataKit，并配置 ElasticSearch 采集源。

配置

进入 DataKit 安装目录下的 `conf.d/db` 目录，复制 `elasticsearch.conf.sample` 并命名为 `elasticsearch.conf` 。示例如下：

```
# Read stats from one or more Elasticsearch servers or clusters
[[inputs.elasticsearch]]
  ## specify a list of one or more Elasticsearch servers
  # you can add username and password to your url to use basic authentic
  # servers = ["http://user:pass@localhost:9200"]
  servers = ["http://localhost:9200"]

  ## Timeout for HTTP requests to the elastic search server(s)
  http_timeout = "5s"

  ## When local is true (the default), the node will read only its own
  ## Set local to false when you want to read the node stats from all no
  ## of the cluster.
  local = true

  ## Set cluster_health to true when you want to also obtain cluster he
  cluster_health = false
```

```
    ## Adjust cluster_health_level when you want to also obtain detailed l
    ## The options are
    ##   - indices (default)
    ##   - cluster
    # cluster_health_level = "indices"

    ## Set cluster_stats to true when you want to also obtain cluster sta
    cluster_stats = false

    ## Only gather cluster_stats from the master node. To work this requi
    cluster_stats_only_from_master = true

    ## Indices to collect; can be one or more indices names or _all
    indices_include = ["_all"]

    ## One of "shards", "cluster", "indices"
    indices_level = "shards"

    ## node_stats is a list of sub-stats that you want to have gathered. '
    ## are "indices", "os", "process", "jvm", "thread_pool", "fs", "trans;
    ## "breaker". Per default, all stats are gathered.
    # node_stats = ["jvm", "http"]

    ## HTTP Basic Authentication username and password.
    # username = ""
    # password = ""

    ## Optional TLS Config
    # tls_ca = "/etc/telegraf/ca.pem"
    # tls_cert = "/etc/telegraf/cert.pem"
    # tls_key = "/etc/telegraf/key.pem"
    ## Use TLS but skip chain & host verification
    # insecure_skip_verify = false
```

重新启动datakit

```
systemctl restart datakit
```

采集指标

指标集 `elasticsearch_cluster_health`

前置条件：

- cluster_health = true

标签

标签名	描述
name	

指标

指标	描述	类型	单位
active*primary*shards	-	integer	-
active_shards	-	integer	-
active*shards*percent*as*number	-	float	-
delay*unassigned*shards	-	integer	-
initializing_shards	-	integer	-
number*of*data_nodes	-	integer	-
number*of*in*flight*fetch	-	integer	-
number*of*nodes	-	integer	-
number*of*pending_tasks	-	integer	-
relocating_shards	-	integer	-
status	-	enum("green","yellow","red")	-
status_code	-	integer, green = 1, yellow = 2, red = 3	-
task*max*waiting*in*queue_millis	-	integer	-
timed_out	-	boolean	-
unassigned_shards	-	boolean	-

指标集 `elasticsearch_cluster_health_indices`

前置条件:

- cluster_health = true
- cluster*health*level = "indices"

标签

标签名	描述
name	
index	

指标

指标	描述	类型	单位
active*primary*shards	-	integer	-
active_shards	-	integer	-
initializing_shards	-	integer	-
number*of*replicas	-	integer	-
number*of*shards	-	integer	-
relocating_shards	-	integer	-
status	-	enum("green","yellow","red")	-
status_code	-	integer, green = 1, yellow = 2, red = 3	-
unassigned_shards	-	integer	-

指标集 `elasticsearch_clusterstats_indices`

前置条件：

- cluster_stats = true

标签

标签名	描述
cluster_name	
node_name	
status	

指标

指标	描述	类型	单位

completion*size*in_bytes	-	float	-
count	-	float	-
docs_count	-	float	-
docs_deleted	-	float	-
fielddata_evictions	-	float	-
fielddata*memory*size*in*bytes	-	float	-
query*cache*cache_count	-	float	-
query*cache*cache_size	-	float	-
query*cache*evictions	-	float	-
query*cache*hit_count	-	float	-
query*cache*memory*size*in_bytes	-	float	-
query*cache*miss_count	-	float	-
query*cache*total_count	-	float	-
segments_count	-	float	-
segments*doc*values*memory*in_bytes	-	float	-
segments*fixed*bit*set*memory*in*bytes	-	float	-
segments*index*writer*memory*in_bytes	-	float	-
segments*max*unsafe*auto*id_timestamp	-	float	-
segments*memory*in_bytes	-	float	-
segments*norms*memory*in*bytes	-	float	-
shards*index*primaries_avg	-	float	-
shards*index*primaries_max	-	float	-
shards*index*primaries_min	-	float	-
shards*index*replication_avg	-	float	-
shards*index*replication_max	-	float	-
shards*index*replication_min	-	float	-

指标	描述	类型	单位
shards*index*shards_avg	-	float	-
shards*index*shards_max	-	float	-
shards*index*shards_min	-	float	-
shards_primaries	-	float	-
shards_replication	-	float	-
shards_total	-	float	-
store*size*in_bytes	-	float	-

指标集 `elasticsearch_clusterstats_nodes`

标签

标签名	描述
cluster_name	
node_name	
status	

指标

指标	描述	类型	单位
count*coordinating*only	-	float	-
count_data	-	float	-
count_ingest	-	float	-
count_master	-	float	-
count_total	-	float	-
fs*available*in_bytes	-	float	-
fs*free*in_bytes	-	float	-
fs*total*in_bytes	-	float	-
jvm*max*uptime*in*millis	-	float	-
jvm*mem*heap*max*in_bytes	-	float	-

jvm*mem*heap*used*in_bytes	-	float	-
jvm_threads	-	float	-
jvm*versions*0_count	-	float	-
jvm*versions*0_version	-	string	-
jvm*versions*0*vm*name	-	string	-
jvm*versions*0*vm*vendor	-	string	-
jvm*versions*0*vm*version	-	string	-
network*types*http*types*security4	-	float	-
network*types*transport*types*security4	-	float	-
os*allocated*processors	-	float	-
os*available*processors	-	float	-
os*mem*free*in*bytes	-	float	-
os*mem*free_percent	-	float	-
os*mem*total*in*bytes	-	float	-
os*mem*used*in*bytes	-	float	-
os*names*0_count	-	float	-
os*names*0_name	-	float	-
os*pretty*names*0*count	-	float	-
os*pretty*names*0*pretty_name	-	float	-
process*cpu*percent	-	float	-
process*open*file*descriptors*avg	-	float	-
process*open*file*descriptors*max	-	float	-
process*open*file*descriptors*min	-	float	-
versions_0	-	string	-

指标集 `elasticsearch_transport`

前置条件

- 开启 node_stats 设置

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
rx_count	-	float	-
rx*size*in_bytes	-	float	-
server_open	-	float	-
tx_count	-	float	-
tx*size*in_bytes	-	float	-

指标集 `elasticsearch_breakers`

标签

标签名	描述
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
accounting*estimated*size*in*bytes	-	float	-
accounting*limit*size*in*bytes	-	float	-
accounting_overhead	-	float	-
accounting_tripped	-	float	-
fielddata*estimated*size*in*bytes	-	float	-
fielddata*limit*size*in*bytes	-	float	-
fielddata_overhead	-	float	-
fielddata_tripped	-	float	-
in*flight*requests*estimated*size*in*bytes	-	float	-
in*flight*requests*limit*size*in*bytes	-	float	-
in*flight*requests_overhead	-	float	-
in*flight*requests_tripped	-	float	-
parent*estimated*size*in*bytes	-	float	-
parent*limit*size*in*bytes	-	float	-
parent_overhead	-	float	-
parent_tripped	-	float	-
request*estimated*size*in*bytes	-	float	-
accounting*estimated*size*in*bytes	-	float	-
request*limit*size*in*bytes	-	float	-
request_overhead	-	float	-
request_tripped	-	float	-

指标集 `elasticsearch_fs`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
data_0_available_in_bytes	-	float	-
data_0_free_in_bytes	-	float	-
data_0_total_in_bytes	-	float	-
io_stats_devices_0_operations	-	float	-
io_stats_devices_0_read_kilobytes	-	float	-
io_stats_devices_0_read_operations	-	float	-
io_stats_devices_0_write_kilobytes	-	float	-
io_stats_total_write_operations	-	float	-
io_stats_devices_0_write_operations	-	float	-
io_stats_total_operations	-	float	-
io_stats_total_read_kilobytes	-	float	-
io_stats_total_read_operations	-	float	-
io_stats_total_write_kilobytes	-	float	-
timestamp	-	float	-
total_available_in_bytes	-	float	-
total_free_in_bytes	-	float	-
total_total_in_bytes	-	float	-

指标集 `elasticsearch_http`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
current_open	-	float	-
total_opened	-	float	-

指标集 `elasticsearch_indices`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
completion*size*in_bytes	-	float	-
docs_count	-	float	-
docs_deleted	-	float	-
fielddata_evictions	-	float	-
fielddata*memory*size*in*bytes	-	float	-
flush_periodic	-	float	-
flush_total	-	float	-
flush*total*time*in*millis	-	float	-
get_current	-	float	-
get*exists*time*in*millis	-	float	-
get*exists*total	-	float	-
get*missing*time*in*millis	-	float	-
get*time*in_millis	-	float	-
get_total	-	float	-
indexing*delete*current	-	float	-
indexing*delete*time*in*millis	-	float	-
indexing*delete*total	-	float	-
indexing*index*current	-	float	-
indexing*index*failed	-	float	-
indexing*index*time*in*millis	-	float	-
indexing*index*total	-	float	-
indexing*noop*update_total	-	float	-
indexing*throttle*time*in*millis	-	float	-
merges_current	-	float	-
merges*current*docs	-	float	-

merges*current*size*in*bytes	-	float	-
merges_total	-	float	-
merges*total*auto*throttle*in_bytes	-	float	-
merges*total*docs	-	float	-
merges*total*size*in*bytes	-	float	-
merges*total*stopped*time*in_millis	-	float	-
merges*total*throttled*time*in_millis	-	float	-
merges*total*time*in*millis	-	float	-
query*cache*cache_count	-	float	-
query*cache*cache_size	-	float	-
query*cache*evictions	-	float	-
query*cache*hit_count	-	float	-
query*cache*memory*size*in_bytes	-	float	-
query*cache*miss_count	-	float	-
query*cache*total_count	-	float	-
recovery*current*as_source	-	float	-
recovery*current*as_target	-	float	-
recovery*throttle*time*in*millis	-	float	-
refresh_listeners	-	float	-
refresh_total	-	float	-
refresh*total*time*in*millis	-	float	-
request*cache*evictions	-	float	-
request*cache*hit_count	-	float	-
request*cache*memory*size*in_bytes	-	float	-
request*cache*miss_count	-	float	-
search*fetch*current	-	float	-

search_fetch_time_in_millis	-	float	-
search_fetch_total	-	float	-
search_open_contexts	-	float	-
search_query_current	-	float	-
search_query_time_in_millis	-	float	-
search_query_total	-	float	-
search_scroll_current	-	float	-
search_scroll_time_in_millis	-	float	-
search_scroll_total	-	float	-
search_suggest_current	-	float	-
search_suggest_time_in_millis	-	float	-
search_suggest_total	-	float	-
segments_count	-	float	-
segments_doc_values_memory_in_bytes	-	float	-
segments_fixed_bit_set_memory_in_bytes	-	float	-
segments_index_writer_memory_in_bytes	-	float	-
segments_max_unsafe_auto_id_timestamp	-	float	-
segments_memory_in_bytes	-	float	-
segments_norms_memory_in_bytes	-	float	-
segments_points_memory_in_bytes	-	float	-
segments_stored_fields_memory_in_bytes	-	float	-
segments_term_vectors_memory_in_bytes	-	float	-
segments_terms_memory_in_bytes	-	float	-
segments_version_map_memory_in_bytes	-	float	-
store_size_in_bytes	-	float	-
translog_earliest_last_modified_age	-	float	-

translog_operations	-	float	-
translog*size*in_bytes	-	float	-
translog*uncommitted*operations	-	float	-
translog*uncommitted*size*in*bytes	-	float	-
warmer_current	-	float	-
warmer_total	-	float	-
warmer*total*time*in*millis	-	float	-

指标集 `elasticsearch_jvm`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
buffer*pools*direct_count	-	float	-
buffer*pools*direct*total*capacity*in*bytes	-	float	-
buffer*pools*direct*used*in_bytes	-	float	-
buffer*pools*mapped_count	-	float	-
buffer*pools*mapped*total*capacity*in*bytes	-	float	-

buffer*pools*mapped*used*in_bytes	-	float	-
classes*current*loaded_count	-	float	-
classes*total*loaded_count	-	float	-
classes*total*unloaded_count	-	float	-
gc*collectors*old*collection*count	-	float	-
gc*collectors*old*collection*time*in*millis	-	float	-
gc*collectors*young*collection*count	-	float	-
gc*collectors*young*collection*time*in*millis	-	float	-
mem*heap*committed*in*bytes	-	float	-
mem*heap*max*in*bytes	-	float	-
mem*heap*used*in*bytes	-	float	-
mem*heap*used_percent	-	float	-
mem*non*heap*committed*in_bytes	-	float	-
mem*non*heap*used*in_bytes	-	float	-
mem*pools*old*max*in_bytes	-	float	-
mem*pools*old*peak*max*in*bytes	-	float	-
mem*pools*old*peak*used*in*bytes	-	float	-
mem*pools*old*used*in_bytes	-	float	-
mem*pools*survivor*max*in_bytes	-	float	-
mem*pools*survivor*peak*max*in*bytes	-	float	-
mem*pools*survivor*peak*used*in*bytes	-	float	-
mem*pools*survivor*used*in_bytes	-	float	-
mem*pools*young*max*in_bytes	-	float	-
mem*pools*young*peak*max*in*bytes	-	float	-
mem*pools*young*peak*used*in*bytes	-	float	-
mem*pools*young*used*in_bytes	-	float	-

threads_count	-	float	-
threads*peak*count	-	float	-
timestamp	-	float	-
uptime*in*millis	-	float	-

指标集 `elasticsearch_os`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
cgroup*cpu*cfs*period*micros	-	float	-
cgroup*cpu*cfs*quota*micros	-	float	-
cgroup*cpu*stat*number*of*elapsed*periods	-	float	-
cgroup*cpu*stat*number*of*times*throttled	-	float	-
cgroup*cpu*stat*time*throttled_nanos	-	float	-
cgroup*cpuacct*usage_nanos	-	float	-
cpu*load*average_15m	-	float	-
cpu*load*average_1m	-	float	-
cpu*load*average_5m	-	float	-
cpu_percent	-	float	-
mem*free*in_bytes	-	float	-
mem*free*percent	-	float	-
mem*total*in_bytes	-	float	-
mem*used*in_bytes	-	float	-
mem*used*percent	-	float	-
swap*free*in_bytes	-	float	-
swap*total*in_bytes	-	float	-
swap*used*in_bytes	-	float	-
timestamp	-	float	-

指标集 `elasticsearch_process`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标

指标	描述	类型	单位
cpu_percent	-	float	-
cpu*total*in_millis	-	float	-
max*file*descriptors	-	float	-
mem*total*virtual*in*bytes	-	float	-
open*file*descriptors	-	float	-
timestamp	-	float	-

指标集 `elasticsearch_thread_pool`

标签

标签名	描述
cluster_name	
node*attribute*ml.enabled	
node*attribute*ml.machine_memory	
node*attribute*ml.max*open*jobs	
node*attribute*xpack.installed	
node_host	
node_id	
node_name	

指标名

指标	描述	类型	单位
analyze_active	-	float	-
analyze_completed	-	float	-
analyze_largest	-	float	-
analyze_queue	-	float	-
analyze_rejected	-	float	-
analyze_threads	-	float	-
ccr_active	-	float	-
ccr_completed	-	float	-
ccr_largest	-	float	-
ccr_queue	-	float	-
ccr_rejected	-	float	-
ccr_threads	-	float	-
fetch*shard*started_active	-	float	-
fetch*shard*started_completed	-	float	-
fetch*shard*started_largest	-	float	-

force*merge*queue	-	float	-
force*merge*rejected	-	float	-
force*merge*threads	-	float	-
generic_active	-	float	-
generic_completed	-	float	-
generic_largest	-	float	-
generic_queue	-	float	-
generic_rejected	-	float	-
generic_threads	-	float	-
get_active	-	float	-
get_completed	-	float	-
get_largest	-	float	-
get_queue	-	float	-
get_rejected	-	float	-
get_threads	-	float	-
index_active	-	float	-
index_completed	-	float	-
index_largest	-	float	-
index_queue	-	float	-
index_rejected	-	float	-
index_threads	-	float	-
listener_active	-	float	-
listener_completed	-	float	-
listener_largest	-	float	-
listener_queue	-	float	-
listener_rejected	-	float	-

listener_threads	-	float	-
management_active	-	float	-
management_completed	-	float	-
management_largest	-	float	-
management_queue	-	float	-
management_rejected	-	float	-
management_threads	-	float	-
ml*autodetect*active	-	float	-
ml*autodetect*completed	-	float	-
ml*autodetect*largest	-	float	-
ml*autodetect*queue	-	float	-
ml*autodetect*rejected	-	float	-
ml*autodetect*threads	-	float	-
ml*datafeed*active	-	float	-
ml*datafeed*completed	-	float	-
ml*datafeed*largest	-	float	-
ml*datafeed*queue	-	float	-
ml*datafeed*rejected	-	float	-
ml*datafeed*threads	-	float	-
ml*utility*active	-	float	-
ml*utility*completed	-	float	-
ml*utility*largest	-	float	-
ml*utility*queue	-	float	-
ml*utility*rejected	-	float	-
ml*utility*threads	-	float	-
refresh_active	-	float	-

refresh_completed	-	float	-
refresh_largest	-	float	-
refresh_queue	-	float	-
refresh_rejected	-	float	-
refresh_threads	-	float	-
rollup*indexing*active	-	float	-
rollup*indexing*completed	-	float	-
rollup*indexing*largest	-	float	-
rollup*indexing*queue	-	float	-
rollup*indexing*rejected	-	float	-
rollup*indexing*threads	-	float	-
search_active	-	float	-
search_completed	-	float	-
search_largest	-	float	-
search_queue	-	float	-
search_rejected	-	float	-
search_threads	-	float	-
search*throttled*active	-	float	-
search*throttled*completed	-	float	-
search*throttled*largest	-	float	-
search*throttled*queue	-	float	-
rollup*indexing*completed	-	float	-
search*throttled*rejected	-	float	-
search*throttled*threads	-	float	-
security-token-key_active	-	float	-
security-token-key_completed	-	float	-

security-token-key_largest	-	float	-
security-token-key_queue	-	float	-
security-token-key_rejected	-	float	-
security-token-key_threads	-	float	-
snapshot_active	-	float	-
snapshot_completed	-	float	-
snapshot_largest	-	float	-
snapshot_queue	-	float	-
snapshot_rejected	-	float	-
snapshot_threads	-	float	-
warmer_active	-	float	-
warmer_completed	-	float	-
warmer_largest	-	float	-
warmer_queue	-	float	-
warmer_rejected	-	float	-
warmer_threads	-	float	-
watcher_active	-	float	-
watcher_completed	-	float	-
watcher_queue	-	float	-
watcher_rejected	-	float	-
watcher_threads	-	float	-
write_active	-	float	-
write_completed	-	float	-
write_largest	-	float	-
write_queue	-	float	-
write_rejected	-	float	-

write_threads	-	float	-

指标集 `elasticsearch_indices_stats_(primaries|total)`

前置条件

- 开启 indices_stats 设置

标签

标签名	描述
index_name	

指标

指标	描述	类型	单位
completion*size*in_bytes	-	float	-
docs_count	-	float	-
docs_deleted	-	float	-
fielddata_evictions	-	float	-
fielddata*memory*size*in*bytes	-	float	-
flush_periodic	-	float	-
flush_total	-	float	-
flush*total*time*in*millis	-	float	-
get_current	-	float	-
get*exists*time*in*millis	-	float	-
get*exists*total	-	float	-
get*missing*time*in*millis	-	float	-
get*missing*total	-	float	-
get*time*in_millis	-	float	-
get_total	-	float	-
indexing*delete*current	-	float	-

indexing_delete_time_in_millis	-	float	-
indexing_delete_total	-	float	-
indexing_index_current	-	float	-
indexing_index_failed	-	float	-
indexing_index_time_in_millis	-	float	-
indexing_index_total	-	float	-
indexing_is_throttled	-	float	-
indexing_noop_update_total	-	float	-
indexing_throttle_time_in_millis	-	float	-
merges_current	-	float	-
merges_current_docs	-	float	-
merges_current_size_in_bytes	-	float	-
merges_total	-	float	-
merges_total_auto_throttle_in_bytes	-	float	-
merges_total_docs	-	float	-
merges_total_size_in_bytes	-	float	-
merges_total_stopped_time_in_millis	-	float	-
merges_total_throttled_time_in_millis	-	float	-
merges_total_time_in_millis	-	float	-
query_cache_cache_count	-	float	-
query_cache_cache_size	-	float	-
active_primary_shards	-	float	-
query_cache_memory_size_in_bytes	-	float	-
query_cache_hit_count	-	float	-
query_cache_miss_count	-	float	-
query_cache_total_count	-	float	-

recovery*current*as_source	-	float	-
recovery*current*as_target	-	float	-
recovery*throttle*time*in*millis	-	float	-
refresh*external*total	-	float	-
refresh*external*total*time*in_millis	-	float	-
refresh_listeners	-	float	-
refresh_total	-	float	-
refresh*total*time*in*millis	-	float	-
request*cache*evictions	-	float	-
request*cache*hit_count	-	float	-
request*cache*memory*size*in_bytes	-	float	-
request*cache*miss_count	-	float	-
search*fetch*current	-	float	-
search*fetch*time*in*millis	-	float	-
search*fetch*total	-	float	-
search*open*contexts	-	float	-
search*query*current	-	float	-
search*query*time*in*millis	-	float	-
search*query*total	-	float	-
search*scroll*current	-	float	-
search*scroll*time*in*millis	-	float	-
search*scroll*total	-	float	-
search*suggest*current	-	float	-
search*suggest*time*in*millis	-	float	-
search*suggest*total	-	float	-
segments_count	-	float	-

segmentsdocvalues$memory$in_bytes	-	float	-
segments$fixed$bitsetmemoryinbytes	-	float	-
segments$index$writer$memory$in_bytes	-	float	-
segmentsmaxunsafe$auto$id_timestamp	-	float	-
segments$memory$in_bytes	-	float	-
segments$norms$memoryinbytes	-	float	-
segments$points$memoryinbytes	-	float	-
segments$stored$fields$memory$in_bytes	-	float	-
segments$term$vectors$memory$in_bytes	-	float	-
segments$terms$memoryinbytes	-	float	-
segments$version$map$memory$in_bytes	-	float	-
store$size$in_bytes	-	float	-
translog$earliest$last$modified$age	-	float	-
translog_operations	-	float	-
translog$size$in_bytes	-	float	-
translog$uncommitted$operations	-	float	-
translog$uncommitted$sizeinbytes	-	float	-
warmer_current	-	float	-
warmer_total	-	float	-
warmer$total$timeinmillis	-	float	-

指标集 `elasticsearch_indices_stats_shards_total`

前置条件

- 开启 shards_stats 设置

标签

- 无

指标

指标	描述	类型	单位	Tag
failed	-	float	-	-
successful	-	float	-	-
total	-	float	-	-

指标集 `elasticsearch_indices_stats_shards`

标签

标签名	描述
index_name	
index_name	
node_name	
shard_name	
type	

指标

指标	描述	类型	单位
commit_generation	-	float	-
commit*num*docs	-	float	-
completion*size*in_bytes	-	float	-
docs_count	-	float	-
docs_deleted	-	float	-
fielddata_evictions	-	float	-
fielddata*memory*size*in*bytes	-	float	-
flush_periodic	-	float	-
flush_total	-	float	-
flush*total*time*in*millis	-	float	-
get_current	-	float	-

get_exists_time_in_millis	-	float	-
get_exists_total	-	float	-
get_missing_time_in_millis	-	float	-
get_missing_total	-	float	-
get_time_in_millis	-	float	-
get_total	-	float	-
indexing_delete_current	-	float	-
indexing_delete_time_in_millis	-	float	-
indexing_delete_total	-	float	-
indexing_index_current	-	float	-
indexing_index_failed	-	float	-
indexing_index_time_in_millis	-	float	-
indexing_index_total	-	float	-
indexing_is_throttled	-	float	-
indexing_noop_update_total	-	float	-
indexing_throttle_time_in_millis	-	float	-
merges_current	-	float	-
merges_current_docs	-	float	-
merges_current_size_in_bytes	-	float	-
merges_total	-	float	-
merges_total_auto_throttle_in_bytes	-	float	-
merges_total_docs	-	float	-
merges_total_size_in_bytes	-	float	-
merges_total_stopped_time_in_millis	-	float	-
merges_total_throttled_time_in_millis	-	float	-
merges_total_time_in_millis	-	float	-

query*cache*cache_count	-	float	-
query*cache*cache_size	-	float	-
query*cache*evictions	-	float	-
query*cache*hit_count	-	float	-
query*cache*memory*size*in_bytes	-	float	-
query*cache*miss_count	-	float	-
query*cache*total_count	-	float	-
recovery*current*as_source	-	float	-
recovery*current*as_target	-	float	-
recovery*throttle*time*in*millis	-	float	-
refresh*external*total	-	float	-
refresh*external*total*time*in_millis	-	float	-
refresh_listeners	-	float	-
refresh_total	-	float	-
refresh*total*time*in*millis	-	float	-
request*cache*evictions	-	float	-
request*cache*hit_count	-	float	-
request*cache*memory*size*in_bytes	-	float	-
request*cache*miss_count	-	float	-
retention*leases*primary_term	-	float	-
retention*leases*version	-	float	-
routing_state	-	int	-
search*fetch*current	-	float	-
search*fetch*current	-	float	-
search*fetch*total	-	float	-
search*open*contexts	-	float	-

search*query*current	-	float	-
search*query*time*in*millis	-	float	-
search*query*total	-	float	-
search*scroll*current	-	float	-
search*scroll*time*in*millis	-	float	-
search*scroll*total	-	float	-
search*suggest*current	-	float	-
search*suggest*time*in*millis	-	float	-
search*suggest*total	-	float	-
segments_count	-	float	-
segments*doc*values*memory*in_bytes	-	float	-
segments*fixed*bit*set*memory*in*bytes	-	float	-
segments*index*writer*memory*in_bytes	-	float	-
segments*max*unsafe*auto*id_timestamp	-	float	-
segments*memory*in_bytes	-	float	-
segments*norms*memory*in*bytes	-	float	-
segments*points*memory*in*bytes	-	float	-
segments*stored*fields*memory*in_bytes	-	float	-
segments*term*vectors*memory*in_bytes	-	float	-
segments*terms*memory*in*bytes	-	float	-
segments*version*map*memory*in_bytes	-	float	-
seq*no*global_checkpoint	-	float	-
seq*no*local_checkpoint	-	float	-
seq*no*max*seq*no	-	float	-
shard*path*is*custom*data_path	-	float	-
store*size*in_bytes	-	float	-

translog_earliest_last_modified_age	-	float	-
translog_operations	-	float	-
translog_size_in_bytes	-	float	-
translog_uncommitted_operations	-	float	-
translog_uncommitted_size_in_bytes	-	float	-
warmer_current	-	float	-
warmer_total	-	float	-
warmer_total_time_in_millis	-	float	-

概览