GET /\_all/\_settings

PUT /twitter/\_settings

{

"index" : {

"number\_of\_replicas" : 2

}

}

PUT /my\_index

{

"settings": {

"index": {

"number\_of\_shards": 1,

"number\_of\_replicas": 1

}

}

}

### Prerequisites[edit](https://github.com/elastic/elasticsearch/edit/7.7/docs/reference/indices/split-index.asciidoc)

Before you can split an index:

* The index must be read-only.
* The [cluster health](https://www.elastic.co/guide/en/elasticsearch/reference/current/cluster-health.html) status must be green.

You can do make an index read-only with the following request:

PUT /my\_source\_index/\_settings

{

"settings": {

"index.blocks.write": true

}

}

## **Split index API**[**edit**](https://github.com/elastic/elasticsearch/edit/7.7/docs/reference/indices/split-index.asciidoc)

Splits an existing index into a new index with more primary shards.

POST /twitter/\_split/split-twitter-index

{

"settings": {

"index.number\_of\_shards": 2

}

}

POST /my\_source\_index/\_split/my\_target\_index

{

"settings": {

"index.number\_of\_shards": 5

},

"aliases": {

"my\_search\_indices": {}

}

}

#### Shrink an index[**edit**](https://github.com/elastic/elasticsearch/edit/master/docs/reference/indices/shrink-index.asciidoc)

To shrink my\_source\_index into a new index called my\_target\_index, issue the following request:

POST /my\_source\_index/\_shrink/my\_target\_index

{

"settings": {

"index.routing.allocation.require.\_name": null,

"index.blocks.write": null

}

}

POST /my\_source\_index/\_shrink/my\_target\_index

{

"settings": {

"index.number\_of\_replicas": 1,

"index.number\_of\_shards": 1,

"index.codec": "best\_compression"

},

"aliases": {

"my\_search\_indices": {}

}

}

One can create an index\_defaults default as below

PUT /\_template/index\_defaults

{

"template": "\*",

"settings": {

"number\_of\_shards": 4

}

}

PUT /\_template/index\_defaults

{

"index\_patterns": ["\*"],

"order" : 0,

"settings": {

"number\_of\_shards": 2

}

}

**Query parameters**[**edit**](https://github.com/elastic/elasticsearch/edit/7.7/docs/reference/indices/update-settings.asciidoc)

**allow\_no\_indices**

(Optional, boolean) If true, the request does **not** return an error if a wildcard expression or \_all value retrieves only missing or closed indices.

This parameter also applies to [index aliases](https://www.elastic.co/guide/en/elasticsearch/reference/current/indices-aliases.html) that point to a missing or closed index.

Defaults to false.

**expand\_wildcards**

(Optional, string) Controls what kind of indices that wildcard expressions can expand to. Multiple values are accepted when separated by a comma, as in open,hidden. Valid values are:

**all**

Expand to open and closed indices, including [hidden indices](https://www.elastic.co/guide/en/elasticsearch/reference/current/index-modules.html#index-hidden).

**open**

Expand only to open indices.

**closed**

Expand only to closed indices.

**hidden**

Expansion of wildcards will include [hidden indices](https://www.elastic.co/guide/en/elasticsearch/reference/current/index-modules.html#index-hidden). Must be combined with open, closed, or both.

**none**

Wildcard expressions are not accepted.

Defaults to open.

**flat\_settings**

(Optional, boolean) If true, returns settings in flat format. Defaults to false.

**ignore\_unavailable**

(Optional, boolean) If true, missing or closed indices are not included in the response. Defaults to false.

**preserve\_existing**

(Optional, boolean) If true, existing index settings remain unchanged. Defaults to false.

**master\_timeout**

(Optional, [time units](https://www.elastic.co/guide/en/elasticsearch/reference/current/common-options.html#time-units)) Specifies the period of time to wait for a connection to the master node. If no response is received before the timeout expires, the request fails and returns an error. Defaults to 30s.

**timeout**

(Optional, [time units](https://www.elastic.co/guide/en/elasticsearch/reference/current/common-options.html#time-units)) Specifies the period of time to wait for a response. If no response is received before the timeout expires, the request fails and returns an error. Defaults to 30s.

Update index

POST /twitter/\_close

PUT /twitter/\_settings

{

"analysis" : {

"analyzer":{

"content":{

"type":"custom",

"tokenizer":"whitespace"

}

}

}

}

POST /twitter/\_open