

# chapter 2

## PUT create\_index\_cf\_etf

http://localhost:9200/cf\_etf

Example Request

create\_index\_cf\_etf

```
curl --location --request PUT "http://localhost:9200/cf_etf"
```

## HEAD check\_if\_exist\_index\_cf\_etf

http://localhost:9200/cf\_etf

Example Request

check\_if\_exist\_index\_cf\_etf

```
curl --location --head "http://localhost:9200/cf_etf"
```

## PUT create\_index\_with\_invalid\_index\_name

http://localhost:9200/cf:etf

Example Request

create\_index\_with\_invalid\_index\_name

```
curl --location --request PUT "http://localhost:9200/cf:etf"
```

## GET get\_index\_cf\_etf

http://localhost:9200/cf\_etf

Example Request

get\_index\_cf\_etf

```
curl --location --request GET "http://localhost:9200/cf_etf"
```

## GET get\_invalid\_index\_name

http://localhost:9200/cf:etf

Example Request

get\_invalid\_index\_name

```
curl --location --request GET "http://localhost:9200/cf:etf"
```

## DEL delete\_index\_cf\_etf

http://localhost:9200/cf\_etf

Example Request

delete\_index\_cf\_etf

```
curl --location --request DELETE "http://localhost:9200/cf_etf"
```

## POST close\_index\_cf\_etf

```
http://localhost:9200/cf_etf/_close
```

Example Request  
close\_index\_cf\_etf

```
curl --location --request POST "http://localhost:9200/cf_etf/_close"
```

## POST open\_index\_cf\_etf

```
http://localhost:9200/cf_etf/_open
```

Example Request  
open\_index\_cf\_etf

```
curl --location --request POST "http://localhost:9200/cf_etf/_open"
```

## GET get\_index\_settings\_cf\_etf

```
http://localhost:9200/cf_etf/_settings
```

Example Request  
get\_index\_settings\_cf\_etf

```
curl --location --request GET "http://localhost:9200/cf_etf/_settings"
```

## PUT update\_dynamic\_index\_settings

```
http://localhost:9200/cf_etf/_settings
```

### HEADERS

Content-Type  
application/json  
BODY

```
{
  "index": {
    "number_of_replicas": 2
  }
}
```

Example Request  
update\_dynamic\_index\_settings

```
curl --location --request PUT "http://localhost:9200/cf_etf/_settings" --header "Content-Type: application/json" --data "{ \"index\": { \"number_of_replicas\": 2 } } }
```

## PUT update\_static\_index\_settings

```
http://localhost:9200/cf_etf/_settings
```

### HEADERS

Content-Type  
application/json  
BODY

```
{
  "index": {
    "codec": "best_compression"
  }
}
```

Example Request  
update\_static\_index\_settings

```
curl --location --request PUT "http://localhost:9200/cf_etf/_settings" --header "Content-Type: application/json" --data "{ \"index\": { \"codec\": \"best_compression\" } }"
```

## PUT create\_index\_template\_cf\_etf

http://localhost:9200/\_template/cf\_etf\_template

### HEADERS

Content-Type  
application/json  
BODY

```
{
  "index_patterns": ["cf_etf*"],
  "settings": {
    "number_of_replicas": 2,
    "codec": "best_compression"
  }
}
```

Example Request  
create\_index\_template\_cf\_etf

```
curl --location --request PUT "http://localhost:9200/_template/cf_etf_template" --header "Content-Type: application/json" --data "{ \"index_patterns\": [\"cf_etf*\"], \"settings\": { \"number_of_replicas\": 2, \"codec\": \"best_compression\" } }"
```

## GET get\_index\_template\_cf\_etf

http://localhost:9200/\_template/cf\_etf\_template

### HEADERS

Content-Type  
application/json

Example Request  
get\_index\_template\_cf\_etf

```
curl --location --request GET "http://localhost:9200/_template/cf_etf_template" --header "Content-Type: application/json"
```

## HEAD check\_if\_exist\_cf\_etf\_template

http://localhost:9200/\_template/cf\_etf\_template

### HEADERS

Content-Type  
application/json

Example Request  
check\_if\_exist\_cf\_etf\_template

```
curl --location --head "http://localhost:9200/_template/cf_etf_template" --header "Content-Type: application/json"
```

**DEL** delete\_cf\_etf\_template

http://localhost:9200/\_template/cf\_etf\_template

HEADERS

Content-Type  
application/json

Example Request  
delete\_cf\_etf\_template

```
curl --location --request DELETE "http://localhost:9200/_template/cf_etf_template" --header "Content-Type: application/json"
```

**PUT** create\_index\_cf\_etf\_large

http://localhost:9200/cf\_etf\_large

HEADERS

Content-Type  
application/json

Example Request  
create\_index\_cf\_etf\_large

```
curl --location --request PUT "http://localhost:9200/cf_etf_large" --header "Content-Type: application/json"
```

**GET** get\_index\_cf\_etf\_large

http://localhost:9200/cf\_etf\_large

HEADERS

Content-Type  
application/json

Example Request  
get\_index\_cf\_etf\_large

```
curl --location --request GET "http://localhost:9200/cf_etf_large" --header "Content-Type: application/json"
```

**PUT** create\_alias\_cf\_etf\_1

http://localhost:9200/cf\_etf/\_alias/cf\_etf\_1

HEADERS

Content-Type  
application/json

Example Request

create\_alias\_cf\_etf\_1

```
curl --location --request PUT "http://localhost:9200/cf_etf/_alias/cf_etf_1" --header "Content-Type: application/json"
```

GET get\_alias\_cf\_etf\_1

http://localhost:9200/cf\_etf/\_alias/cf\_etf\_1

HEADERS

Content-Type  
application/json

Example Request

get\_alias\_cf\_etf\_1

```
curl --location --request GET "http://localhost:9200/cf_etf/_alias/cf_etf_1" --header "Content-Type: application/json"
```

PUT create\_index\_cf\_etf\_to\_be\_deleted

http://localhost:9200/cf\_etf\_to\_be\_deleted

HEADERS

Content-Type  
application/json

Example Request

create\_index\_cf\_etf\_to\_be\_deleted

```
curl --location --request PUT "http://localhost:9200/cf_etf_to_be_deleted" --header "Content-Type: application/json"
```

HEAD check\_if\_existcf\_etf\_alias\_cf\_etf\_1

http://localhost:9200/cf\_etf/\_alias/cf\_etf\_1

HEADERS

Content-Type  
application/json

Example Request

check\_if\_existcf\_etf\_alias\_cf\_etf\_1

```
curl --location --head "http://localhost:9200/cf_etf/_alias/cf_etf_1" --header "Content-Type: application/json"
```

DEL delete\_cf\_etf\_\_alias\_cf\_etf\_1

http://localhost:9200/cf\_etf/\_alias/cf\_etf\_1

HEADERS

Content-Type  
application/json

Example Request

delete\_cf\_etf\_\_alias\_cf\_etf\_1

```
curl --location --request DELETE "http://localhost:9200/cf_etf/_alias/cf_etf_1" --header "Content-Type: application/json"
```

PUT create\_index\_cf\_etf\_new

http://localhost:9200/cf\_etf\_new

Example Request  
create\_index\_cf\_etf\_new

```
curl --location --request PUT "http://localhost:9200/cf_etf_new"
```

PUT create\_alias\_cf\_etf\_production

http://localhost:9200/cf\_etf/\_alias/cf\_etf\_production

HEADERS

Content-Type  
application/json

Example Request  
create\_alias\_cf\_etf\_production

POST reindexing\_with\_zero\_downtime\_by\_aliases

http://localhost:9200/\_aliases

HEADERS

Content-Type  
application/json

BODY

```
{
  "actions" : [
    {"remove": {"index": "cf_etf", "alias": "cf_etf_production"}},
    {"add": {"index": "cf_etf_new", "alias": "cf_etf_production"}}
  ]
}
```

Example Request  
reindexing\_with\_zero\_downtime\_by\_aliases

```
curl --location --request POST "http://localhost:9200/_aliases" --header "Content-Type: application/json" --data "{ \"actions\" : [ {\"remove\": {\"index\": \"cf_etf\", \"alias\": \"cf_etf_production\"}}, {\"add\": {\"index\": \"cf_etf_new\", \"alias\": \"cf_etf_production\"}} ] }"
```

PUT create\_index\_cf\_etf\_mid

http://localhost:9200/cf\_etf\_mid

HEADERS

Content-Type  
application/json

Example Request  
create\_index\_cf\_etf\_mid

```
curl --location --request PUT "http://localhost:9200/cf_etf_mid" --header "Content-Type: application/json"
```

## PUT create\_index\_cf\_etf\_small

http://localhost:9200/cf\_etf\_small

### HEADERS

Content-Type  
application/json

Example Request  
create\_index\_cf\_etf\_small

```
curl --location --request PUT "http://localhost:9200/cf_etf_small" --header "Content-Type: application/json"
```

## PUT create\_index\_cf\_etf\_others

http://localhost:9200/cf\_etf\_others

### HEADERS

Content-Type  
application/json

Example Request  
create\_index\_cf\_etf\_others

```
curl --location --request PUT "http://localhost:9200/cf_etf_others" --header "Content-Type: application/json"
```

## PUT create\_alias\_cf\_etf\_alias

http://localhost:9200/cf\*/\_alias/cf\_etf\_alias

### HEADERS

Content-Type  
application/json

Example Request  
create\_alias\_cf\_etf\_alias

```
curl --location --request PUT "http://localhost:9200/cf*/_alias/cf_etf_alias" --header "Content-Type: application/json"
```

## GET get\_cf\_etf\_alias

http://localhost:9200/cf\*/\_alias/cf\_etf\_alias

### HEADERS

Content-Type  
application/json

Example Request  
get\_cf\_etf\_alias

```
curl --location --request GET "http://localhost:9200/cf*/_alias/cf_etf_alias" --header "Content-Type: application/json"
```

## PUT create\_index\_cf\_view

http://localhost:9200/cf\_view

### HEADERS

Content-Type  
application/json  
BODY

```
{
  "mappings": {
    "properties": {
      "symbol": {"type": "keyword"},
      "category": {"type": "keyword"}
    }
  }
}
```

Example Request  
create\_index\_cf\_view

```
curl --location --request PUT "http://localhost:9200/cf_view" --header "Content-Type: application/json" --data "{ \"mappings\": { \"properties\": { \"symbol\": {\"type\": \"keyword\"}, \"category\": {\"type\": \"keyword\"} } } }
```

POST index\_cf\_view\_doc\_ACWF

http://localhost:9200/cf\_view/\_doc/1

HEADERS

Content-Type  
application/json  
BODY

```
{ "symbol": "ACWF", "category": "Equity" }
```

Example Request  
index\_cf\_view\_doc\_ACWF

```
curl --location --request POST "http://localhost:9200/cf_view/_doc/1" --header "Content-Type: application/json" --data "{ \"symbol\": \"ACWF\", \"category\": \"Equity\" }
```

POST index\_cf\_view\_doc\_ACWI

http://localhost:9200/cf\_view/\_doc

HEADERS

Content-Type  
application/json  
BODY

```
{ "symbol": "ACWI", "category": "International" }
```

Example Request  
index\_cf\_view\_doc\_ACWI

```
curl --location --request POST "http://localhost:9200/cf_view/_doc" --header "Content-Type: application/json" --data "{ \"symbol\": \"ACWI\", \"category\": \"International\" }
```

POST create\_cf\_view\_international\_aliases

http://localhost:9200/\_aliases



HEADERS

Content-Type  
application/json  
BODY

```
{
  "actions": [
    { "add": { "index": "cf_view", "alias": "cf_view_international", "filter": { "term": { "category": "International" } } } }
  ]
}
```

Example Request  
create\_cf\_view\_international\_aliases

```
curl --location --request POST "http://localhost:9200/_aliases" --header "Content-Type: application/json" --data "{ \"actions\": [ { \"add\": { \"index\": \"cf_view\", \"alias\": \"cf_view_international\", \"filter\": { \"term\": { \"category\": \"International\" } } } } ] }"
```

GET search\_cf\_view\_international

http://localhost:9200/cf\_view\_international/\_search

HEADERS

Content-Type  
application/json

Example Request  
search\_cf\_view\_international

```
curl --location --request GET "http://localhost:9200/cf_view_international/_search" --header "Content-Type: application/json"
```

GET search\_cf\_view

http://localhost:9200/cf\_view/\_search

HEADERS

Content-Type  
application/json

Example Request  
search\_cf\_view

```
curl --location --request GET "http://localhost:9200/cf_view/_search" --header "Content-Type: application/json"
```

GET get\_cf\_view\_stats

http://localhost:9200/cf\_view/\_stats

HEADERS

Content-Type  
application/json

Example Request  
get\_cf\_view\_stats

```
curl --location --request GET "http://localhost:9200/cf_view/_stats" --header "Content-Type: application/json"
```

**GET** get\_cf\_view\_segments  
http://localhost:9200/cf\_view/\_segments

HEADERS

Content-Type  
application/json

Example Request  
get\_cf\_view\_segments

```
curl --location --request GET "http://localhost:9200/cf_view/_segments" --header "Content-Type: application/json"
```

**GET** get\_cf\_view\_recovery  
http://localhost:9200/cf\_view/\_recovery

HEADERS

Content-Type  
application/json

Example Request  
get\_cf\_view\_recovery

```
curl --location --request GET "http://localhost:9200/cf_view/_recovery" --header "Content-Type: application/json"
```

**GET** get\_cf\_view\_shard\_stores  
http://localhost:9200/cf\_view/\_shard\_stores

HEADERS

Content-Type  
application/json

Example Request  
get\_cf\_view\_shard\_stores

```
curl --location --request GET "http://localhost:9200/cf_view/_shard_stores" --header "Content-Type: application/json"
```

**POST** clear\_cf\_view\_query\_cache  
http://localhost:9200/cf\_view/\_cache/clear?query=true

HEADERS

Content-Type  
application/json  
PARAMS

query  
true  
BODY

```
{
}
```

Example Request

```
clear_cf_view_query_cache
curl --location --request POST "http://localhost:9200/cf_view/_cache/clear?query=true" --header "Content-Type: application/json" --data "{}"
```

**POST** create\_cf\_view\_request\_cache

http://localhost:9200/cf\_view/\_cache/clear?request=true

HEADERS

Content-Type  
application/json  
PARAMS

request  
true  
BODY

```
{
}
```

Example Request

```
create_cf_view_request_cache
curl --location --request POST "http://localhost:9200/cf_view/_cache/clear?request=true" --header "Content-Type: application/json" --data "{}"
```

**POST** clear\_cf\_view\_fielddata\_cache

http://localhost:9200/cf\_view/\_cache/clear?fielddata=true

HEADERS

Content-Type  
application/json  
PARAMS

fielddata  
true  
BODY

```
{
}
```

Example Request

```
clear_cf_view_fielddata_cache
curl --location --request POST "http://localhost:9200/cf_view/_cache/clear?fielddata=true" --header "Content-Type: application/json" --data "{}"
```

**POST** cf\_view\_refresh\_action

http://localhost:9200/cf\_view/\_refresh

HEADERS

Content-Type  
application/json  
BODY

```
{
}
```

Example Request

cf\_view\_refresh\_action

```
curl --location --request POST "http://localhost:9200/cf_view/_refresh" --header "Content-Type: application/json" --data "{}"
```

**POST** cf\_view\_flush\_action

http://localhost:9200/cf\_view/\_flush

HEADERS

Content-Type

application/json

BODY

```
{
}
```

Example Request

cf\_view\_flush\_action

```
curl --location --request POST "http://localhost:9200/cf_view/_flush" --header "Content-Type: application/json" --data "{}"
```

**POST** cf\_view\_flush\_synced\_action

http://localhost:9200/cf\_view/\_flush/synced

HEADERS

Content-Type

application/json

BODY

```
{
}
```

Example Request

cf\_view\_flush\_synced\_action

```
curl --location --request POST "http://localhost:9200/cf_view/_flush/synced" --header "Content-Type: application/json" --data "{}"
```

**POST** cf\_view\_forcemerge\_action

http://localhost:9200/cf\_view/\_forcemerge

HEADERS

Content-Type

application/json

Example Request

cf\_view\_forcemerge\_action

```
curl --location --request POST "http://localhost:9200/cf_view/_forcemerge" --header "Content-Type: application/json"
```

**PUT** update\_cf\_etf\_read\_only\_settings

http://localhost:9200/cf\_etf/\_settings

HEADERS

Content-Type  
application/json  
BODY

```
{
  "settings": {
    "index.blocks.write": true
  }
}
```

Example Request  
update\_cf\_etf\_read\_only\_settings

```
curl --location --request PUT "http://localhost:9200/cf_etf/_settings" --header "Content-Type: application/json" --data "{ \"settings\": { \"index.blocks.write\": true } }"
```

POST cf\_etf\_split\_action

http://localhost:9200/cf\_etf/\_split/cf\_etf\_split

HEADERS

Content-Type  
application/json  
BODY

```
{
  "settings": {
    "index.number_of_shards": 4
  }
}
```

Example Request  
cf\_etf\_split\_action

```
curl --location --request POST "http://localhost:9200/cf_etf/_split/cf_etf_split" --header "Content-Type: application/json" --data "{ \"settings\": { \"index.number_of_shards\": 4 } }"
```

PUT update\_cf\_etf\_split\_settings\_for\_shrink

http://localhost:9200/cf\_etf\_split/\_settings

HEADERS

Content-Type  
application/json  
BODY

```
{
  "settings": {
    "index.routing.allocation.require._name": "shrink_node_name",
    "index.blocks.write": true
  }
}
```

Example Request  
update\_cf\_etf\_split\_settings\_for\_shrink

```
curl --location --request PUT "http://localhost:9200/cf_etf_split/_settings" --header "Content-Type: application/json" --data "{ \"settings\": { \"index.routing.allocation.require._name\": \"shrink_node_name\", \"index.blocks.write\": true } }"
```

PUT cf\_etf\_split\_shrink\_action

http://localhost:9200/cf\_etf\_split/\_shrink/cf\_etf\_shrink?copy\_settings=true

HEADERS

Content-Type  
application/json  
PARAMS

copy\_settings  
true  
BODY

```
{  "settings": {    "index.number_of_shards": 2,    "index.routing.allocation.require._name": null,    "index.blocks.write": null  } }
```

Example Request  
cf\_etf\_split\_shrink\_action

```
curl --location --request PUT "http://localhost:9200/cf_etf_split/_shrink/cf_etf_shrink?copy_settings=true" --header "Content-Type: application/json" --data "{ \"settings\": { \"index.number_of_shards\": 2, \"index.routing.allocation.require._name\": null, \"index.blocks.write\": null } }"
```

PUT create\_index\_rollover-000001

http://localhost:9200/rollover-000001

HEADERS

Content-Type  
application/json  
BODY

```
{  "settings": {    "rollover_alias": {}  } }
```

Example Request  
create\_index\_rollover-000001

```
curl --location --request PUT "http://localhost:9200/rollover-000001" --header "Content-Type: application/json" --data "{ \"settings\": { \"rollover_alias\": {} } }"
```

# POST rollover\_index\_rollover-000001

http://localhost:9200/rollover\_alias/\_rollover

## HEADERS

Content-Type  
application/json  
BODY

```
{
  "settings": {
    "rollover_alias": {}
  }
}
```

Example Request  
rollover\_index\_rollover-000001

```
curl --location --request POST "http://localhost:9200/rollover_alias/_rollover" --header "Content-Type: application/json" --data '${\"settings\":{\"rollover_alias\":{}}}'
```

## CHAPTER 2