
chapter 2

PUT create_index_cf_etf

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

Example Request

```
create_index_cf_etf
```

HEAD check_if_exist_index_cf_etf

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

Example Request

```
check_if_exist_index_cf_etf
```

PUT create_index_with_invalid_index_name

```
http://localhost:9200/cf:etf
```

Example Request

```
create_index_with_invalid_index_name
```

GET get_index_cf_etf

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

Example Request

```
get_index_cf_etf
```

n GET get_invalid_index_name

```
http://localhost:9200/cf:etf
```

Example Request

```
get_invalid_index_name
```

DEL delete index_cf_etf

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

Example Request

```
delete index_cf_etf
```

POST close_index_cf_etf

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

Example Request

```
close_index_cf_etf
```

POST open_index_cf_etf

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

n

Example Request

```
open_index_cf_etf
```

GET get_index_settings_cf_etf

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

-

Example Request

```
get_index_settings_cf_etf
```

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

n

```
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\"
  }
}"
```

n

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

n

Content-Type

application/json

Example Request

```
get_index_template_cf_etf
```

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
```

DEL delete_cf_etf_template

```
http://localhost:9200/_template/cf_etf_template
```

HEADERS

Content-Type

application/json

Example Request

```
delete_cf_etf_template
```

n

PUT create_index_cf_etf_large

```
http://localhost:9200/cf_etf_large
```

HEADERS

Content-Type

application/json

Example Request

```
create_index_cf_etf_large
```

GET get_index_cf_etf_large

```
http://localhost:9200/cf_etf_large
```

HEADERS**Content-Type**

application/json

Example Request

```
get_index_cf_etf_large
```

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
```

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
```

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
```

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
```

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
```

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

n application/json

Example Request

create_index_cf_etf_mid

PUT create_index_cf_etf_small

http://localhost:9200/cf_etf_small

HEADERS

Content-Type

application/json

Example Request

create_index_cf_etf_small

PUT create_index_cf_etf_others

```
http://localhost:9200/cf_etf_others
```

HEADERS

Content-Type

application/json

Example Request

```
create_index_cf_etf_others
```

n

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
```

GET get_cf_etf_alias

```
http://localhost:9200/cf*/_alias/cf_etf_alias
```

HEADERS

Content-Type

application/json

Example Request

get_cf_etf_alias

PUT create_index_cf_view

http://localhost:9200/cf_view

HEADERS

Content-Type

n application/json

BODY

```
{
  "mappings": {
    "_doc": {
      "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\": {  
      \"_doc\": {  
        \"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\" }"
```

ⁿ **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":  
  ]  
}
```

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\": {\"terr  
    ]  
  }"
```

GET search_cf_view_international

http://localhost:9200/cf_view_international/_search

HEADERS

Content-Type

application/json

Example Request

search_cf_view_international

GET search_cf_view

http://localhost:9200/cf_view/_search

HEADERS

Content-Type

application/json

Example Request

search_cf_view

GET get_cf_view_stats

```
http://localhost:9200/cf_view/_stats
```

HEADERS

Content-Type

application/json

Example Request

```
get_cf_view_stats
```

ⁿ GET get_cf_view_segments

```
http://localhost:9200/cf_view/_segments
```

HEADERS

Content-Type

application/json

Example Request

```
get_cf_view_segments
```

GET get_cf_view_recovery

```
http://localhost:9200/cf_view/_recovery
```

HEADERS

Content-Type

application/json

Example Request

```
get_cf_view_recovery
```

GET get_cf_view_shard_stores

```
http://localhost:9200/cf_view/_shard_stores
```

HEADERS

Content-Type

application/json

n

Example Request

```
get_cf_view_shard_stores
```

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

n

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

n 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

n

```
{  
}
```

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
```

PUT update_cf_etf_read_only_settings

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

HEADERS

Content-Type

```
application/json
```

n 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

n

```
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
  }
}"
```

n

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_set"
--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

n

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\":{}  
    }  
  }"
```