chapter 2

PUT create_index_cf_etf
http://localhost:9200/cf_etf

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

HEAD check_if_exist_index_cf_etf
http://localhost:9200/cf_etf

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

PUT create_index_with_invalid_index_name
http://localhost:9200/cf:etf

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

get_index_cf_etf

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

GET get_invalid_index_name

http://localhost:9200/cf:etf

get_invalid_index_name

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

DEL delete index_cf_etf

http://localhost:9200/cf_etf

delete index_cf_etf

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

```
cf_etf"
```

POST close_index_cf_etf

http://localhost:9200/cf_etf/_close

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

POST open_index_cf_etf

http://localhost:9200/cf_etf/_open

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

GET get_index_settings_cf_etf

http://localhost:9200/cf_etf/_settings

```
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
    }
}
```

```
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"
    }
}
```

```
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"
    }
}
```

```
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

```
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

```
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

```
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

```
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

```
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

```
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

```
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

```
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

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"}}
    ]
}
```

```
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

```
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

```
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"}
        }
    }
}
```

```
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"}
```

```
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"}
```

```
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"}}}}
    ]
}
```

```
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

```
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

```
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

```
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

```
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

```
{
}
```

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

```
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

```
{
}
```

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

```
{
}
```

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

```
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
     }
}
```

```
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
    }
}
```

```
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
      }
}
```

```
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":{}
    }
}
```

```
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":{}
    }
}
```

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

CHAPTER 2