

chapter3

ir

PUT index_cf_etf_doc_acwf

http://localhost:9200/cf_etf/_doc/1

d

HEADERS

Content-Type

application/json

BODY

```
{
  "symbol": "ACWF",
  "fund_name": "iShares Edge MSCI Multifactor Global ETF",
  "rating": 3,
  "morningstar_category": "World Large Stock",
  "category": "Equity",
  "family": "iShares",
  "market_cap": "large",
  "description": "The investment seeks to track the investment results of the MSCI ACWI Divers
```

Example Request

index_cf_etf_doc_acwf

```
curl --location --request PUT "http://localhost:9200/cf_etf/_doc/1" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"symbol\": \"ACWF\",  
    \"fund_name\": \"iShares Edge MSCI Multifactor Global ETF\",  
    \"rating\": 3,  
    \"morningstar_category\": \"World Large Stock\",  
    \"category\": \"Equity\",  
    \"family\": \"iShares\",  
    \"market_cap\": \"large\",
```

POST index_cf_etf_doc_acwi

http://localhost:9200/cf_etf/_doc

HEADERS

Content-Type

application/json

BODY

```
{  
  "symbol": "ACWI",  
  "fund_name": "iShares MSCI ACWI ETF",  
  "rating": 3,  
  "morningstar_category": "World Large Stock",  
  "category": "International",  
  "family": "iShares",  
  "market_cap": "large",  
  "description": "The investment seeks to track the investment results of the MSCI ACWI compos
```

Example Request

index_cf_etf_doc_acwi

```
curl --location --request POST "http://localhost:9200/cf_etf/_doc" \  
--header "Content-Type: application/json" \  
--data "{  
  \"symbol\": \"ACWI\",  
  \"fund_name\": \"iShares MSCI ACWI ETF\",  
  \"rating\": 3,  
  \"morningstar_category\": \"World Large Stock\",  
  \"category\": \"International\",  
  \"family\": \"iShares\",  
}
```

ir

GET get_cf_etf_doc_acwi

d

http://localhost:9200/cf_etf/_doc/1

HEADERS

Content-Type

application/json

Example Request

get_cf_etf_doc_acwi

GET get_cf_etf_parital_doc_acwf

http://localhost:9200/cf_etf/_doc/1?_source=symbol,rating,category

HEADERS

Content-Type

application/json

PARAMS

_source

symbol,rating,category

Example Request

```
get_cf_etf_parital_doc_acwf
```

POST update_cf_etf_doc_acwf

```
http://localhost:9200/cf_etf/_doc/1/_update
```

HEADERS

Content-Type

```
application/json
```

BODY

```
{
  "doc": {
    "market_cap": "mid"
  }
}
```

Example Request

```
update_cf_etf_doc_acwf
```

```
curl --location --request POST "http://localhost:9200/cf_etf/_doc/1/_update" \
  --header "Content-Type: application/json" \
  --data "{
    \"doc\": {
      \"market_cap\": \"mid\"
    }
  }"
```

POST update_cf_etf_doc_acwf_remove_market_cap_field

```
http://localhost:9200/cf_etf/_doc/1/_update
```

HEADERS

Content-Type

application/json

BODY

```
{
  "script": "ctx._source.remove('market_cap')"
}
```

d

Example Request

update_cf_etf_doc_acwf_remove_market_cap_field

```
curl --location --request POST "http://localhost:9200/cf_etf/_doc/1/_update" \
  --header "Content-Type: application/json" \
  --data "{
    \"script\": \"ctx._source.remove('market_cap')\"
  }"
```

DEL delete_cf_etf_doc_acwf_by_id

http://localhost:9200/cf_etf/_doc/1

HEADERS

Content-Type

application/json

BODY

```
{
  "symbol": "ACWF",
  "fund_name": "iShares Edge MSCI Multifactor Global ETF",
  "rating": 3,
  "morningstar_category": "World Large Stock",
  "category": "Equity",
  "family": "iShares",
  "market_cap": "large",
  "description": "The investment seeks to track the investment results of the MSCI ACWI Divers
```

Example Request

```
d delete_cf_etf_doc_acwf_by_id

curl --location --request DELETE "http://localhost:9200/cf_etf/_doc/1" \
  --header "Content-Type: application/json" \
  --data "{
    \"symbol\": \"ACWF\",
    \"fund_name\": \"iShares Edge MSCI Multifactor Global ETF\",
    \"rating\": 3,
    \"morningstar_category\": \"World Large Stock\",
    \"category\": \"Equity\",
    \"family\": \"iShares\",
```

PUT reindex_cf_etf_doc_acwf

http://localhost:9200/cf_etf/_doc/1

HEADERS

Content-Type

application/json

BODY

```
{
  "symbol": "ACWF",
  "fund_name": "iShares Edge MSCI Multifactor Global ETF",
  "rating": 3,
  "morningstar_category": "World Large Stock",
  "category": "Equity",
  "family": "iShares",
  "market_cap": "large",
  "description": "The investment seeks to track the investment results of the MSCI ACWI Divers
```

Example Request

```
d reindex_cf_etf_doc_acwf

curl --location --request PUT "http://localhost:9200/cf_etf/_doc/1" \
  --header "Content-Type: application/json" \
  --data "{
    \"symbol\": \"ACWF\",
    \"fund_name\": \"iShares Edge MSCI Multifactor Global ETF\",
    \"rating\": 3,
    \"morningstar_category\": \"World Large Stock\",
    \"category\": \"Equity\",
    \"family\": \"iShares\",
```

POST get_cf_etf_multiple_documents

http://localhost:9200/_mget

HEADERS

Content-Type

application/json

BODY

```
{
  "docs": [
    { "_index": "cf_view", "_id": "1", "_source": ["symbol", "category"] },
    { "_index": "cf_etf", "_id": "1", "_source": ["symbol", "category"] }
  ]
}
```

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Example Request

get_cf_etf_multiple_documents

```
curl --location --request POST "http://localhost:9200/_mget" \
--header "Content-Type: application/json" \
--data "{
  \"docs\": [
    { \"_index\": \"cf_view\", \"_id\": \"1\", \"_source\": [\"symbol\", \"category\"] },
    { \"_index\": \"cf_etf\", \"_id\": \"1\", \"_source\": [\"symbol\", \"category\"] }
  ]
}"
```

POST get_cf_etf_multiple_documents_by_ids

http://localhost:9200/cf_etf/_mget

HEADERS

Content-Type

application/json

BODY

```
{
  "ids": ["1", "n01iLGkB_W0hQaVaF0iP"]
}
```

Example Request

get_cf_etf_multiple_documents_by_ids


```
curl --location --request POST "http://localhost:9200/cf_etf/_mget" \
  --header "Content-Type: application/json" \
  --data "{
    \"ids\": [\"1\", \"n01iLGkB_W0hQaVaF0iP\"]
  }"
```

POST bulk_api

http://localhost:9200/_bulk

HEADERS

Content-Type

application/json

BODY

```
{
  "delete": {
    "_index": "cf_etf",
    "_id": "1"
  },
  "create": {
    "_index": "cf_etf",
    "_id": "1"
  },
  "symbol": "ACWF",
  "fund_name": "iShares Edge MSCI Multifactor Global ETF",
  "rating": 3,
  "mornin": "The fund generally will invest at least 90% of its assets in the component securities of the ur",
  "update": {
    "_index": "cf_etf",
    "_type": "_doc",
    "_id": "1"
  },
  "script": "ctx._source.remove('market_cap')"
}
```

Example Request

bulk_api

```
curl --location --request POST "http://localhost:9200/_bulk" \
  --header "Content-Type: application/json" \
  --data "{
    \"delete\": {
      \"_index\": \"cf_etf\",
      \"_id\": \"1\"
    },
    \"create\": {
      \"_index\": \"cf_etf\",
      \"_id\": \"1\"
    },
    \"symbol\": \"ACWF\",
    \"fund_name\": \"iShares Edge MSCI Multifactor Global ETF\",
    \"rating\": 3,
    \"mornin\": \"The fund generally will invest at least 90% of its assets in the component securities of the ur\",
    \"update\": {
      \"_index\": \"cf_etf\",
      \"_type\": \"_doc\",
      \"_id\": \"1\"
    },
    \"script\": \"ctx._source.remove('market_cap')\"
  }"
```

POST update_by_query

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

HEADERS

Content-Type

application/json

if

BODY

```
{"script": "if (ctx._source['rating']==3) {ctx._source['rating']=4}"}
```

d

Example Request

```
update_by_query
```

```
curl --location --request POST "http://localhost:9200/cf_etf/_update_by_query" \
  --header "Content-Type: application/json" \
  --data "{\"script\": \"if (ctx._source['rating']==3) {ctx._source['rating']=4}\"}"
```

POST delete_by_query

```
http://localhost:9200/cf_etf/_delete_by_query?conflicts=proceed
```

HEADERS

Content-Type

application/json

PARAMS

conflicts

proceed

BODY

```
{"query": {"match": {"rating": 4}}}
```

Example Request

delete_by_query

```
curl --location --request POST "http://localhost:9200/cf_etf/_delete_by_query?conflicts=proceed"
--header "Content-Type: application/json" \
--data "{\"query\":{\"match\":{\"rating\":4}}}"
```

POST reindex_api

http://localhost:9200/_reindex

HEADERS

Content-Type

application/json

BODY

```
{
  "source": {"index": "cf_view"},
  "dest": {"index": "cf_etf"}
}
```

Example Request

reindex_api

```
curl --location --request POST "http://localhost:9200/_reindex" \
--header "Content-Type: application/json" \
--data "{
  \"source\": {\"index\": \"cf_view\"},
  \"dest\": {\"index\": \"cf_etf\"}
}"
```