

Kafka-Connect Commands for DSS and Collection Live Indexing

The part of pushing records to elastic search for DSS and Collection indexes is done through Kafka-connect. The commands to create connector for indexing are as follows:-

DSS Indexing (to index dss-collection_v2)

```
curl -X POST
http://kafka-connect.kafka-cluster:8083/connectors/
-H 'Content-Type: application/json'
-H 'Cookie: SESSIONID=f1349448-761e-4ebc-a8bb-f6799e756185'
-H 'Postman-Token: adabf0e8-0599-4ac9-a591-920586ff4d50'
-H 'cache-control: no-cache'
-d '{
"name": "cms-case-es-sink9132",
"config": {
"connector.class":
"io.confluent.connect.elasticsearch.ElasticsearchSinkConnector",
"connection.url": "http://elasticsearch-data-v1.es-cluster:9200",
"type.name": "general",
"topics": "egov-dss-ingest-enriched",
"key.ignore": "false",
"schema.ignore": true,
"value.converter.schemas.enable": false,
"key.converter": "org.apache.kafka.connect.storage.StringConverter",
"value.converter": "org.apache.kafka.connect.json.JsonConverter",
"transforms": "TopicNameRouter",
"transforms.TopicNameRouter.type":
"org.apache.kafka.connect.transforms.RegexRouter",
"transforms.TopicNameRouter.regex": ".*",
"transforms.TopicNameRouter.replacement": "dss-collection_v2",
"batch.size": 10,
"max.buffered.records": 500,
"flush.timeout.ms": 600000,
"retry.backoff.ms": 5000,
"read.timeout.ms": 10000,
"linger.ms": 100,
"max.in.flight.requests": 2,
"errors.log.enable": true,
"errors.deadletterqueue.topic.name": "dss-collection_v2-es-failed",
"tasks.max": 1
```

```
}  
}'
```

Collection Indexing (to index paymentsindex-v1)

```
curl -X POST \  
http://kafka-connect.kafka-cluster:8083/connectors/ \  
H 'Content-Type: application/json' \  
H 'Cookie: SESSIONID=f1349448-761e-4ebc-a8bb-f6799e756185' \  
H 'Postman-Token: adabf0e8-0599-4ac9-a591-920586ff4d50' \  
H 'cache-control: no-cache' \  
d '{  
  "name": "cms-case-es-sink9121",  
  "config": {  
    "connector.class":  
      "io.confluent.connect.elasticsearch.ElasticsearchSinkConnector",  
    "connection.url": "http://elasticsearch-data-v1.es-cluster:9200",  
    "type.name": "payments",  
    "topics": "paymentsindex-v1-enriched",  
    "key.ignore": "false",  
    "schema.ignore": true,  
    "value.converter.schemas.enable": false,  
    "key.converter": "org.apache.kafka.connect.storage.StringConverter",  
    "value.converter": "org.apache.kafka.connect.json.JsonConverter",  
    "transforms": "TopicNameRouter",  
    "transforms.TopicNameRouter.type":  
      "org.apache.kafka.connect.transforms.RegexRouter",  
    "transforms.TopicNameRouter.regex": ".*",  
    "transforms.TopicNameRouter.replacement": "paymentsindex-v1",  
    "batch.size": 10,  
    "max.buffered.records": 500,  
    "flush.timeout.ms": 600000,  
    "retry.backoff.ms": 5000,  
    "read.timeout.ms": 10000,  
    "linger.ms": 100,  
    "max.in.flight.requests": 2,  
    "errors.log.enable": true,  
    "errors.deadletterqueue.topic.name": "paymentsindex-v1-es-failed",  
    "tasks.max": 1  
  }  
}'
```

