

1) get cluster id

The screenshot shows a REST client interface with a GET request to `http://localhost:8082/v3/clusters`. The response status is 200 OK, with a time of 144 ms and a size of 1.15 KB. The response body is displayed in JSON format, showing a list of Kafka clusters. The first cluster in the list is the one returned.

```
{
  "kind": "KafkaClusterList",
  "metadata": {
    "self": "http://rest-proxy:8082/v3/clusters",
    "next": null
  },
  "data": [
    {
      "kind": "KafkaCluster",
      "metadata": {
        "self": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg",
        "resource_name": "crn:///kafka=KRf_0HIqT4K0rGaUnbmiTg"
      },
      "cluster_id": "KRf_0HIqT4K0rGaUnbmiTg",
      "controller": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/brokers/1"
      },
      "acls": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/acls"
      },
      "brokers": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/brokers"
      },
      "broker_configs": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/broker-configs"
      },
      "consumer_groups": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/consumer-groups"
      },
      "topics": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics"
      },
      "partition_reassignments": {
        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/-/partitions/-/reassignment"
      }
    }
  ]
}
```

2) create topic

HTTP http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics Save

POST http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL **JSON** Beautify

```
1 {
2   "topic_name": "postman_topic_10"
3 }
```

Body Cookies Headers (6) Test Results Status: 201 Created Time: 986 ms Size: 991 B Save as example

Pretty Raw Preview Visualize **JSON**

```
1 {
2   "kind": "KafkaTopic",
3   "metadata": {
4     "self": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10",
5     "resource_name": "crn:///kafka=KRf_0HIqT4K0rGaUnbmiTg/topic=postman_topic_10"
6   },
7   "cluster_id": "KRf_0HIqT4K0rGaUnbmiTg",
8   "topic_name": "postman_topic_10",
9   "is_internal": false,
10  "replication_factor": 0,
11  "partitions_count": 0,
12  "partitions": {
13    "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/partitions"
14  },
15  "configs": {
16    "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/configs"
17  },
18  "partition_reassignments": {
19    "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/partitions/-/reassignment"
20  }
21 }
```

3)list all topics

GET

http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics

Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 168 msSize: 56.17 KBSave as example

PrettyRawPreviewVisualizeJSON

```
301    },
302    {
303      "kind": "KafkaTopic",
304      "metadata": {
305        "self": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/
306              _confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition",
307        "resource_name": "crn:///kafka=KRf_0HIqT4K0rGaUnbmiTg/
308              topic=_confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition"
309      },
310      "cluster_id": "KRf_0HIqT4K0rGaUnbmiTg",
311      "topic_name": "_confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition",
312      "is_internal": false,
313      "replication_factor": 1,
314      "partitions_count": 1,
315      "partitions": {
316        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/
317              _confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition/partitions"
318      },
319      "configs": {
320        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/
321              _confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition/configs"
322      },
323      "partition_reassignments": {
324        "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/
325              _confluent-controlcenter-7-5-1-1-MonitoringMessageAggregatorWindows-ONE_MINUTE-repartition/partitions/-/
326              reassignment"
327      }
328    }
329  ]
330}
```

4)describe topic

HTTP

http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10

Save

GET

http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 128 msSize: 893 BSave as example

PrettyRawPreviewVisualizeJSON

```
1  {
2    "kind": "KafkaTopic",
3    "metadata": {
4      "self": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10",
5      "resource_name": "crn:///kafka=KRf_0HIqT4K0rGaUnbmiTg/topic=postman_topic_10"
6    },
7    "cluster_id": "KRf_0HIqT4K0rGaUnbmiTg",
8    "topic_name": "postman_topic_10",
9    "is_internal": false,
10   "replication_factor": 1,
11   "partitions_count": 1,
12   "partitions": {
13     "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/partitions"
14   },
15   "configs": {
16     "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/configs"
17   },
18   "partition_reassignments": {
19     "related": "http://rest-proxy:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/partitions/-/reassignment"
20   }
21 }
```

5)send data

POST http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_10/records

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 { "key": { "type": "JSON", "data": "key1" },
2   "value": { "type": "JSON", "data": "value1 Hii" }
3 }
4
```

ody Cookies Headers (5) Test Results Status: 200 OK Time: 897 ms Size: 380 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "cluster_id": "KRf_0HIqT4K0rGaUnbmiTg",
3   "topic_name": "postman_topic_10",
4   "partition_id": 0,
5   "offset": 0,
6   "timestamp": "2023-11-06T21:31:29.053Z",
7   "key": {
8     "type": "JSON",
9     "size": 6
10  },
11  "value": {
12    "type": "JSON",
13    "size": 12
14  }
15 }
```

6)create consumer group

POST http://localhost:8082/consumers/TestGroup

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 { "name": "LastConsumer", "format": "json", "auto.offset.reset": "earliest" } .....
```

ody Cookies Headers (5) Test Results Status: 200 OK Time: 119 ms Size: 297 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "instance_id": "LastConsumer",
3   "base_uri": "http://rest-proxy:8082/consumers/TestGroup/instances/LastConsumer"
4 }
```

7)create subscription

POST

http://localhost:8082/consumers/TestGroup/instances/LastConsumer/subscription

Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettingsCookies

Headers

8 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Content-Type	application/vnd.kafka.v2+json				
	Key	Value	Description			

BodyCookiesHeaders (1)Test Results

Status: 204 No ContentTime: 44 msSize: 64 BSave as example

PrettyRawPreviewVisualizeText

1

8)get messages

Send messages on the specific topic

http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_11/records

Save

POST

http://localhost:8082/v3/clusters/KRf_0HIqT4K0rGaUnbmiTg/topics/postman_topic_11/records

Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

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body

cookies

headers (5)

test results

Status: 200 OKTime: 121 msSize: 380 BSave as example

PrettyRawPreviewVisualizeJSON

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Receive the messages

GET

http://localhost:8082/consumers/TestGroup/instances/LastConsumer/records

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

Headers6 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Content-Type	application/vnd.kafka.v2+json				
<input checked="" type="checkbox"/>	Accept	application/vnd.kafka.json.v2+json				
	Key	Value	Description			

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 1137 msSize: 437 BSave as example

PrettyRawPreviewVisualizeJSON

```
1  {
2    {
3      "topic": "big_topic",
4      "key": "key1",
5      "value": "value1 Hii",
6      "partition": 0,
7      "offset": 0
8    },
9    {
10     "topic": "big_topic",
11     "key": "key1",
12     "value": "value1 Hii",
13     "partition": 0,
14     "offset": 1
15   },
16   {
17     "topic": "big_topic",
18     "key": "key1",
19     "value": "value1 Hii",
20     "partition": 0,
21     "offset": 2
22   }
23 }
```

9)delete consumer group

DELETE

▼

http://localhost:8082/consumers/TestGroup/instances/LastConsumer

Send ▼


Params Authorization Headers (6) **Body** Pre-request Script Tests Settings

Cookies

- ☒ none
- ☐ form-data
- ☐ x-www-form-urlencoded
- ☐ raw
- ☐ binary
- ☐ GraphQL

This request does not have a body

body Cookies Headers (1) Test Results  Status: 204 No Content Time: 442 ms Size: 64 B  Save as example ...

Pretty Raw Preview Visualize Text ▼ 

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