

Kafka REST API SwaggerUI

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Chapter 1. Overview

Kafka REST API SwaggerUI

1.1. Version information

Version : 0.1.0

1.2. Contact information

Contact : gnuhpc

Contact Email : gnuahpc@gmail.com

1.3. URI scheme

Host : localhost:8080

BasePath : /

1.4. Tags

- collector-controller : Rest API for Collecting JMX Metric Data
- kafka-controller : Kafka Controller
- user-controller : Security User Management Controller.
- zookeeper-controller : Zookeeper Controller

Chapter 2. Chapter of manual content 1

This is some dummy text

2.1. Sub chapter

Dummy text of sub chapter

Chapter 3. Chapter of manual content 2

This is some dummy text

Chapter 4. Resources

4.1. Collector-controller

Rest API for Collecting JMX Metric Data

4.1.1. Fetch all JMX metric data

```
GET /jmx/v1
```

Parameters

Type	Name	Description	Schema
Query	jmxurl <i>optional</i>	Parameter jmxurl should be a comma-separated list of {IP:Port} or set to 'default'	string

Responses

HTTP Code	Description	Schema
200	OK	< JMXMetricDataV1 > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.1.2. Fetch JMX metric data with query filter. You can get the query filter template through the API `/jmx/v2/filters`.

```
POST /jmx/v2
```


Parameters

Type	Name	Description	Schema
Query	jmxurl <i>optional</i>	Parameter jmxurl should be a comma-separated list of {IP:Port} or set to 'default'	string
Body	jmxQuery <i>required</i>	jmxQuery	JMXQuery

Responses

HTTP Code	Description	Schema
200	OK	< JMXMetricData > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

4.1.3. List the query filter templates with the filterKey. If filterKey is set to empty, it will return all the templates.

```
GET /jmx/v2/filters
```

Parameters

Type	Name	Description	Schema
Query	filterKey <i>required</i>	filterKey	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2. Kafka-controller

Kafka Controller

4.2.1. List brokers in this cluster

```
GET /kafka/brokers
```

Responses

HTTP Code	Description	Schema
200	OK	< BrokerInfo > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.2. List log dirs by broker list

```
GET /kafka/brokers/logdirs
```

Parameters

Type	Name	Description	Schema
Query	brokerList <i>optional</i>	brokerList	< integer(int32) > array(multi)

Responses

HTTP Code	Description	Schema
200	OK	< string, < string > array > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.3. Describe log dirs by broker list and topic list

```
GET /kafka/brokers/logdirs/detail
```

Parameters

Type	Name	Description	Schema
Query	brokerList <i>optional</i>	brokerList	< integer(int32) > array(multi)
Query	logDirList <i>optional</i>	logDirList	< string > array(multi)

Type	Name	Description	Schema
Query	topicList <i>optional</i>	topicList	< string > array(multi)

Responses

HTTP Code	Description	Schema
200	OK	< string, < string, LogDirInfo > map > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

4.2.4. Describe replica log dirs.

```
GET /kafka/brokers/replicalogdirs
```

Parameters

Type	Name	Description	Schema
Query	replicas <i>required</i>	replicas	string

Responses

HTTP Code	Description	Schema
200	OK	< string, ReplicaLogDirInfo > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.5. Get broker configs, including dynamic configs

```
GET /kafka/brokers/{brokerId}/conf
```

Parameters

Type	Name	Description	Schema
Path	brokerId <i>required</i>	brokerId	integer(int32)

Responses

HTTP Code	Description	Schema
200	OK	< CustomConfigEntry > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.6. Get broker dynamic configs

```
GET /kafka/brokers/{brokerId}/dynconf
```

Parameters

Type	Name	Description	Schema
Path	brokerId <i>required</i>	brokerId	integer(int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.7. Update broker configs

```
PUT /kafka/brokers/{brokerId}/dynconf
```

Parameters

Type	Name	Description	Schema
Path	brokerId <i>required</i>	brokerId	integer(int32)
Body	props <i>required</i>	props	< string, object > map

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.8. Remove broker dynamic configs

```
DELETE /kafka/brokers/{brokerId}/dynconf
```

Parameters

Type	Name	Description	Schema
Path	brokerId <i>required</i>	brokerId	integer(int32)
Query	configKeysToBeRemoved <i>required</i>	configKeysToBeRemoved	< string > array(multi)

Responses

HTTP Code	Description	Schema
200	OK	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.9. Describe cluster, nodes, controller info.

```
GET /kafka/cluster
```

Responses

HTTP Code	Description	Schema
200	OK	ClusterInfo
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.10. Get the message from the offset of the partition in the topic, decoder is not supported yet

```
GET /kafka/consumer/{topic}/{partition}/{offset}
```

Parameters

Type	Name	Description	Schema
Path	offset <i>required</i>	offset	integer(int64)
Path	partition <i>required</i>	partition	integer(int32)

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string
Query	decoder <i>optional</i>	decoder	string

Responses

HTTP Code	Description	Schema
200	OK	Record
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.11. Delete Consumer Group

```
DELETE /kafka/consumergroup/{consumergroup}/{type}
```

Parameters

Type	Name	Description	Schema
Path	consumergroup <i>required</i>	consumergroup	string
Path	type <i>required</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	GeneralResponse
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.12. getLastCommitTimestamp

```
GET /kafka/consumergroup/{consumergroup}/{type}/topic/{topic}/lastcommittime
```

Parameters

Type	Name	Description	Schema
Path	consumergroup <i>required</i>	consumergroup	string
Path	topic <i>required</i>	topic	string
Path	type <i>required</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	< string, < string, integer(int64) > map > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.13. Reset consumer group offset, earliest/latest can be used. Support reset by time for new consumer group, pass a parameter that satisfies yyyy-MM-dd HH:mm:ss.SSS to offset.

```
PUT /kafka/consumergroup/{consumergroup}/{type}/topic/{topic}/{partition}/{offset}
```

Parameters

Type	Name	Description	Schema
Path	consumergroup <i>required</i>	consumergroup	string
Path	offset <i>optional</i>	[earliest/latest/{long}]/yyyy-MM-dd HH:mm:ss.SSS] can be supported. The date type is only valid for new consumer group.	string
Path	partition <i>required</i>	partition	integer(int32)
Path	topic <i>required</i>	topic	string
Path	type <i>required</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	GeneralResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.14. List all consumer groups from zk and kafka

```
GET /kafka/consumergroups
```

Parameters

Type	Name	Description	Schema
Query	topic <i>optional</i>	topic	string
Query	type <i>optional</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	< string, < string > array > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.15. Get the meta data of the specify new consumer group, including state, coordinator, assignmentStrategy, members

```
GET /kafka/consumergroups/{consumerGroup}/meta
```

Parameters

Type	Name	Description	Schema
Path	consumerGroup <i>required</i>	consumerGroup	string

Responses

HTTP Code	Description	Schema
200	OK	ConsumerGroupMeta
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.16. Describe consumer group, showing lag and offset, may be slow if multi topics are listened

```
GET /kafka/consumerGroups/{consumerGroup}/{type}
```

Parameters

Type	Name	Description	Schema
Path	consumerGroup <i>required</i>	consumerGroup	string
Path	type <i>required</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	< string, < ConsumerGroupDesc > array > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.17. Get the topics involved of the specify consumer group

```
GET /kafka/consumerGroups/{consumerGroup}/{type}/topic
```

Parameters

Type	Name	Description	Schema
Path	consumerGroup <i>required</i>	consumerGroup	string
Path	type <i>required</i>	type	enum (NEW, OLD)

Responses

HTTP Code	Description	Schema
200	OK	< string > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.18. Describe consumer groups by topic, showing lag and offset

```
GET /kafka/consumergroups/{type}/topic/{topic}
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string
Path	type <i>required</i>	type	enum (NEW, OLD)
Query	consumerGroup <i>optional</i>	consumerGroup	string

Responses

HTTP Code	Description	Schema
200	OK	< ConsumerGroupDescription > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.19. Get controller in this cluster

```
GET /kafka/controller
```

Responses

HTTP Code	Description	Schema
200	OK	Node
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.20. Check the cluster health.

```
GET /kafka/health
```

Responses

HTTP Code	Description	Schema
200	OK	HealthCheckResult
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.21. Add partitions to the topics

POST /kafka/partitions/add

Parameters

Type	Name	Description	Schema
Body	addPartitions <i>required</i>	addPartitions	< AddPartition > array

Responses

HTTP Code	Description	Schema
200	OK	< string, GeneralResponse > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

4.2.22. Check the partition reassignment process

PUT /kafka/partitions/reassign/check

Parameters

Type	Name	Description	Schema
Body	reassign <i>required</i>	reassign	ReassignModel

Responses

HTTP Code	Description	Schema
-1	Reassignment Failed	No Content
0	Reassignment In Progress	No Content
1	Reassignment Completed	No Content
200	OK	ReassignStatus
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.23. Execute the partition reassignment

```
PUT /kafka/partitions/reassign/execute
```

Parameters

Type	Name	Description	Schema
Query	interBrokerThrottle <i>optional</i>	interBrokerThrottle	integer(int64)
Query	replicaAlterLogDirsThrottle <i>optional</i>	replicaAlterLogDirsThrottle	integer(int64)
Query	timeoutMs <i>optional</i>	timeoutMs	integer(int64)
Body	reassign <i>required</i>	reassign	ReassignModel

Responses

HTTP Code	Description	Schema
200	OK	ReassignStatus
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.24. Generate plan for the partition reassignment

POST /kafka/partitions/reassign/generate

Parameters

Type	Name	Description	Schema
Body	reassignWrapper <i>required</i>	reassignWrapper	ReassignWrapper

Responses

HTTP Code	Description	Schema
200	OK	< ReassignModel > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.25. List topics

```
GET /kafka/topics
```

Responses

HTTP Code	Description	Schema
200	OK	< string > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.26. Delete a topic list (you should enable topic deletion

```
DELETE /kafka/topics
```

Parameters

Type	Name	Description	Schema
Query	topicList <i>required</i>	topicList	< string > array(multi)

Responses

HTTP Code	Description	Schema
200	OK	< string, GeneralResponse > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.27. Create topics

POST /kafka/topics/create

Parameters

Type	Name	Description	Schema
Body	topicList <i>required</i>	topicList	< TopicDetail > array

Responses

HTTP Code	Description	Schema
201	Created	< string, GeneralResponse > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

4.2.28. Describe a topic by fetching the metadata and config

```
GET /kafka/topics/{topic}
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string

Responses

HTTP Code	Description	Schema
200	OK	TopicMeta
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

4.2.29. Get topic configs

```
GET /kafka/topics/{topic}/conf
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string

Responses

HTTP Code	Description	Schema
200	OK	< CustomConfigEntry > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.30. Update topic configs

```
PUT /kafka/topics/{topic}/conf
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string
Body	props <i>required</i>	props	< string, object > map

Responses

HTTP Code	Description	Schema
200	OK	< CustomConfigEntry > array
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.31. Get topic config by key

```
GET /kafka/topics/{topic}/conf/{key}
```

Parameters

Type	Name	Description	Schema
Path	key <i>required</i>	key	string
Path	topic <i>required</i>	topic	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.32. Update a topic config by key

```
PUT /kafka/topics/{topic}/conf/{key}={value}
```

Parameters

Type	Name	Description	Schema
Path	key <i>required</i>	key	string
Path	topic <i>required</i>	topic	string
Path	value <i>required</i>	value	string

Responses

HTTP Code	Description	Schema
200	OK	< CustomConfigEntry > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.33. Get topic dyn configs

```
GET /kafka/topics/{topic}/dynconf
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.34. Tell if a topic exists

```
GET /kafka/topics/{topic}/exist
```

Parameters

Type	Name	Description	Schema
Path	topic <i>required</i>	topic	string

Responses

HTTP Code	Description	Schema
200	OK	boolean
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.2.35. List topics Brief

GET /kafka/topicsbrief

Responses

HTTP Code	Description	Schema
200	OK	< TopicBrief > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.3. User-controller

Security User Management Controller.

4.3.1. Add user.

POST /users

Parameters

Type	Name	Description	Schema
Body	user <i>required</i>	user	User

Responses

HTTP Code	Description	Schema
200	OK	GeneralResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.3.2. Get user list.

GET /users

Responses

HTTP Code	Description	Schema
200	OK	< string > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

4.3.3. Modify user information.

PUT /users

Parameters

Type	Name	Description	Schema
Body	user <i>required</i>	user	User

Responses

HTTP Code	Description	Schema
200	OK	GeneralResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

4.3.4. Delete user.

DELETE /users/{username}

Parameters

Type	Name	Description	Schema
Path	username <i>required</i>	username	string

Responses

HTTP Code	Description	Schema
200	OK	GeneralResponse
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

4.4. Zookeeper-controller

Zookeeper Controller

4.4.1. Get the connection state of zookeeper

```
GET /zk/connstate
```

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.4.2. Get the environment information of zookeeper

```
GET /zk/env
```

Responses

HTTP Code	Description	Schema
200	OK	< string, ZkServerEnvironment > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.4.3. Get data of a zookeeper path

```
GET /zk/get/path
```

Parameters

Type	Name	Description	Schema
Query	path <i>required</i>	path	string

Responses

HTTP Code	Description	Schema
200	OK	< string, string > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.4.4. List a zookeeper path

```
GET /zk/ls/path
```

Parameters

Type	Name	Description	Schema
Query	path <i>required</i>	path	string

Responses

HTTP Code	Description	Schema
200	OK	< string > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

4.4.5. Get the service state of zookeeper

GET /zk/stat

Responses

HTTP Code	Description	Schema
200	OK	< string, ZkServerStat > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

Chapter 5. Definitions

5.1. AddPartition

Name	Schema
numPartitionsAdded <i>optional</i>	integer(int32)
replicaAssignment <i>optional</i>	< < integer(int32) > array > array
topic <i>optional</i>	string

5.2. BrokerInfo

Name	Schema
endpoints <i>optional</i>	< string > array
host <i>optional</i>	string
id <i>optional</i>	integer(int32)
jmxPort <i>optional</i>	integer(int32)
port <i>optional</i>	integer(int32)
rack <i>optional</i>	string
securityProtocol <i>optional</i>	object
startTime <i>optional</i>	string(date-time)
version <i>optional</i>	integer(int32)

5.3. ClusterInfo

Name	Schema
clusterId <i>optional</i>	string
controller <i>optional</i>	Node
nodes <i>optional</i>	< Node > array

5.4. ConsumerGroupDesc

Name	Schema
assignmentStrategy <i>optional</i>	string
clientId <i>optional</i>	string
consumerId <i>optional</i>	string
coordinator <i>optional</i>	Node
currentOffset <i>optional</i>	integer(int64)
groupName <i>optional</i>	string
host <i>optional</i>	string
lag <i>optional</i>	integer(int64)
logEndOffset <i>optional</i>	integer(int64)
partitionId <i>optional</i>	integer(int32)
state <i>optional</i>	enum (Unknown, PreparingRebalance, CompletingRebalance, Stable, Dead, Empty)
topic <i>optional</i>	string
type <i>optional</i>	enum (NEW, OLD)

5.5. ConsumerGroupMeta

Name	Schema
assignmentStrategy <i>optional</i>	string
coordinator <i>optional</i>	Node
groupId <i>optional</i>	string
members <i>optional</i>	< MemberDescription > array
state <i>optional</i>	enum (Unknown, PreparingRebalance, CompletingRebalance, Stable, Dead, Empty)

5.6. CustomConfigEntry

Name	Schema
isReadOnly <i>optional</i>	boolean
isSensitive <i>optional</i>	boolean
name <i>optional</i>	string
readOnly <i>optional</i>	boolean
sensitive <i>optional</i>	boolean
source <i>optional</i>	enum (DYNAMIC_TOPIC_CONFIG, DYNAMIC_BROKER_CONFIG, DYNAMIC_DEFAULT_BROKER_CONFIG, STATIC_BROKER_CONFIG, DEFAULT_CONFIG, UNKNOWN)
value <i>optional</i>	string

5.7. CustomTopicPartitionInfo

Name	Schema
endOffset <i>optional</i>	integer(int64)
in_sync <i>optional</i>	boolean
messageAvailable <i>optional</i>	integer(int64)
startOffset <i>optional</i>	integer(int64)
topicPartitionInfo <i>optional</i>	TopicPartitionInfo

5.8. GeneralResponse

Name	Schema
data <i>optional</i>	object
msg <i>optional</i>	string
state <i>optional</i>	enum (success, failure)

5.9. HashMap«string,object»

Type : < string, object > map

5.10. HealthCheckResult

Name	Description	Schema
msg <i>optional</i>		string
status <i>optional</i>		string
timestamp <i>optional</i>	Example : "yyyy-MM-dd HH:mm:ss"	string

5.11. HostAndPort

Name	Schema
hasBracketlessColons <i>optional</i>	boolean
host <i>optional</i>	string
hostText <i>optional</i>	string
port <i>optional</i>	integer(int32)

5.12. JMXConfiguration

Name	Schema
exclude <i>optional</i>	JMXFilter
include <i>optional</i>	JMXFilter

5.13. JMXFilter

Name	Schema
attribute <i>optional</i>	object
beanNames <i>optional</i>	< string > array
beanRegexes <i>optional</i>	< Pattern > array
domain <i>optional</i>	string
domainRegex <i>optional</i>	Pattern
emptyBeanName <i>optional</i>	boolean
filter <i>optional</i>	< string, object > map

5.14. JMXMetricData

Name	Description	Schema
collected <i>optional</i>		boolean
host <i>optional</i>		string
metrics <i>optional</i>		< HashMap«string,object» > array
msg <i>optional</i>		string
timestamp <i>optional</i>	Example : "yyyy-MM-dd HH:mm:ss"	string

5.15. JMXMetricDataV1

Name	Description	Schema
collected <i>optional</i>		boolean
host <i>optional</i>		string
mbeanInfo <i>optional</i>		object
msg <i>optional</i>		string
timestamp <i>optional</i>	Example : "yyyy-MM-dd HH:mm:ss"	string

5.16. JMXQuery

Name	Schema
filters <i>optional</i>	< JMXConfiguration > array

5.17. LogDirInfo

Name	Schema
error <i>optional</i>	enum (UNKNOWN_SERVER_ERROR, NONE, OFFSET_OUT_OF_RANGE, CORRUPT_MESSAGE, UNKNOWN_TOPIC_OR_PARTITION, INVALID_FETCH_SIZE, LEADER_NOT_AVAILABLE, NOT_LEADER_FOR_PARTITION, REQUEST_TIMED_OUT, BROKER_NOT_AVAILABLE, REPLICA_NOT_AVAILABLE, MESSAGE_TOO_LARGE, STALE_CONTROLLER_EPOCH, OFFSET_METADATA_TOO_LARGE, NETWORK_EXCEPTION, COORDINATOR_LOAD_IN_PROGRESS, COORDINATOR_NOT_AVAILABLE, NOT_COORDINATOR, INVALID_TOPIC_EXCEPTION, RECORD_LIST_TOO_LARGE, NOT_ENOUGH_REPLICAS, NOT_ENOUGH_REPLICAS_AFTER_APPEND, INVALID_REQUIRED_ACKS, ILLEGAL_GENERATION, INCONSISTENT_GROUP_PROTOCOL, INVALID_GROUP_ID, UNKNOWN_MEMBER_ID, INVALID_SESSION_TIMEOUT, REBALANCE_IN_PROGRESS, INVALID_COMMIT_OFFSET_SIZE, TOPIC_AUTHORIZATION_FAILED, GROUP_AUTHORIZATION_FAILED, CLUSTER_AUTHORIZATION_FAILED, INVALID_TIMESTAMP, UNSUPPORTED_SASL_MECHANISM, ILLEGAL_SASL_STATE, UNSUPPORTED_VERSION, TOPIC_ALREADY_EXISTS, INVALID_PARTITIONS, INVALID_REPLICATION_FACTOR, INVALID_REPLICA_ASSIGNMENT, INVALID_CONFIG, NOT_CONTROLLER, INVALID_REQUEST, UNSUPPORTED_FOR_MESSAGE_FORMAT, POLICY_VIOLATION, OUT_OF_ORDER_SEQUENCE_NUMBER, DUPLICATE_SEQUENCE_NUMBER, INVALID_PRODUCER_EPOCH, INVALID_TXN_STATE, INVALID_PRODUCER_ID_MAPPING, INVALID_TRANSACTION_TIMEOUT, CONCURRENT_TRANSACTIONS, TRANSACTION_COORDINATOR_FENCED, TRANSACTIONAL_ID_AUTHORIZATION_FAILED, SECURITY_DISABLED, OPERATION_NOT_ATTEMPTED, KAFKA_STORAGE_ERROR, LOG_DIR_NOT_FOUND, SASL_AUTHENTICATION_FAILED, UNKNOWN_PRODUCER_ID, REASSIGNMENT_IN_PROGRESS, DELEGATION_TOKEN_AUTH_DISABLED, DELEGATION_TOKEN_NOT_FOUND, DELEGATION_TOKEN_OWNER_MISMATCH, DELEGATION_TOKEN_REQUEST_NOT_ALLOWED, DELEGATION_TOKEN_AUTHORIZATION_FAILED,

Name	Schema
replicaInfos <i>optional</i>	< string, ReplicaInfo > map

5.18. Map«int,long»

Type : < string, integer(int64) > map

5.19. Map«string,LogDirInfo»

Type : < string, [LogDirInfo](#) > map

5.20. MemberDescription

Name	Schema
assignment <i>optional</i>	< TopicPartition > array
clientId <i>optional</i>	string
host <i>optional</i>	string
memberId <i>optional</i>	string

5.21. Node

Name	Schema
empty <i>optional</i>	boolean
hash <i>optional</i>	integer(int32)
host <i>optional</i>	string
id <i>optional</i>	integer(int32)
idString <i>optional</i>	string

Name	Schema
port <i>optional</i>	integer(int32)
rack <i>optional</i>	string

5.22. Pattern

Name	Schema
cursor <i>optional</i>	integer(int32)
flags <i>optional</i>	integer(int32)
pattern <i>optional</i>	string

5.23. ReassignModel

Name	Schema
partitions <i>optional</i>	< TopicPartitionReplicaAssignment > array
version <i>optional</i>	integer(int32)

5.24. ReassignStatus

Name	Schema
msg <i>optional</i>	string
partitionsReassignStatus <i>optional</i>	< string, integer(int32) > map
removeThrottle <i>optional</i>	boolean
replicasReassignStatus <i>optional</i>	< string, integer(int32) > map

5.25. ReassignWrapper

Name	Schema
brokers <i>optional</i>	< integer(int32) > array
topics <i>optional</i>	< string > array

5.26. Record

Name	Schema
decoder <i>optional</i>	string
key <i>optional</i>	object
offset <i>optional</i>	integer(int64)
timestamp <i>optional</i>	integer(int64)
topic <i>optional</i>	string
value <i>optional</i>	string

5.27. ReplicaInfo

Name	Schema
isFuture <i>optional</i>	boolean
offsetLag <i>optional</i>	integer(int64)
size <i>optional</i>	integer(int64)

5.28. ReplicaLogDirInfo

Name	Schema
currentReplicaLogDir <i>optional</i>	string
currentReplicaOffsetLag <i>optional</i>	integer(int64)
futureReplicaLogDir <i>optional</i>	string
futureReplicaOffsetLag <i>optional</i>	integer(int64)

5.29. TopicBrief

Name	Schema
isrRate <i>optional</i>	number(double)
numPartition <i>optional</i>	integer(int32)
topic <i>optional</i>	string

5.30. TopicDetail

Name	Schema
factor <i>optional</i>	integer(int32)
name <i>optional</i>	string
partitions <i>optional</i>	integer(int32)
prop <i>optional</i>	< string, object > map
replicasAssignments <i>optional</i>	< string, < integer(int32) > array > map

5.31. TopicMeta

Name	Schema
internal <i>optional</i>	boolean
partitionCount <i>optional</i>	integer(int32)
replicationFactor <i>optional</i>	integer(int32)
topicName <i>optional</i>	string
topicPartitionInfos <i>optional</i>	< CustomTopicPartitionInfo > array

5.32. TopicPartition

Name	Schema
hash <i>optional</i>	integer(int32)
partition <i>optional</i>	integer(int32)
topic <i>optional</i>	string

5.33. TopicPartitionInfo

Name	Schema
isr <i>optional</i>	< Node > array
leader <i>optional</i>	Node
partition <i>optional</i>	integer(int32)
replicas <i>optional</i>	< Node > array

5.34. TopicPartitionReplica

Name	Schema
brokerId <i>optional</i>	integer(int32)
hash <i>optional</i>	integer(int32)
partition <i>optional</i>	integer(int32)
topic <i>optional</i>	string

5.35. TopicPartitionReplicaAssignment

Name	Schema
log_dirs <i>optional</i>	< string > array
partition <i>optional</i>	integer(int32)
replicas <i>optional</i>	< integer(int32) > array
topic <i>optional</i>	string

5.36. User

Name	Schema
password <i>optional</i>	string
role <i>optional</i>	string
username <i>optional</i>	string

5.37. ZkServerClient

Name	Schema
host <i>optional</i>	string

Name	Schema
ops <i>optional</i>	integer(int32)
port <i>optional</i>	integer(int32)
queued <i>optional</i>	integer(int32)
received <i>optional</i>	integer(int32)
sent <i>optional</i>	integer(int32)

5.38. ZkServerEnvironment

Name	Schema
attributes <i>optional</i>	< string, string > map

5.39. ZkServerStat

Name	Schema
avgLatency <i>optional</i>	integer(int32)
buildDate <i>optional</i>	string
clients <i>optional</i>	< ZkServerClient > array
connections <i>optional</i>	integer(int32)
maxLatency <i>optional</i>	integer(int32)
minLatency <i>optional</i>	integer(int32)
mode <i>optional</i>	enum (Leader, Follower, Observer, Standalone, Down, Unknow)
msg <i>optional</i>	string

Name	Schema
nodes <i>optional</i>	integer(int32)
outstanding <i>optional</i>	integer(int32)
received <i>optional</i>	integer(int32)
sent <i>optional</i>	integer(int32)
version <i>optional</i>	string
zxid <i>optional</i>	string