KAFKA EAGLE

A EASY AND HIGH-PERFORMANCE MONITORING SYSTEM

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MENU

01 **Part I**
The Background of Kafka Eagle

02 **Part II**
Design Architecture of Kafka Eagle

03 **Part III**
The Advantages of Kafka Eagle

04 **Part IV**
Follow-up Planning of Kafka Eagle

Part I

The Background of Kafka Eagle

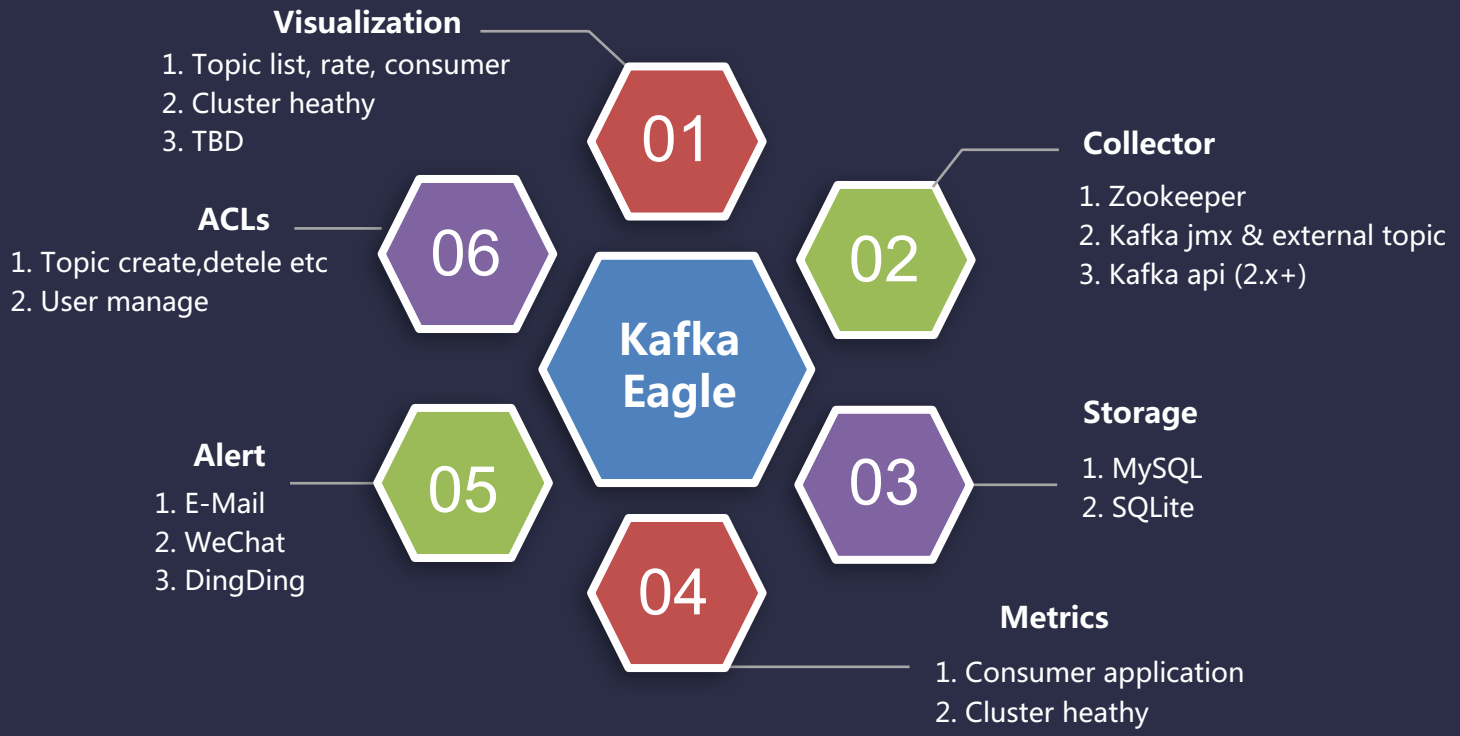
Background

01
Open Source
Open source Kafka monitoring system has too few functions or suspension of maintenance.
03
IM Support
Some monitoring system can not satisfy integration with existing IM, such as wechat or dingding.
Apache Kafka
Apache Kafka does not officially provide monitoring systems or pages.
02
Convenience
It is difficult to configure and use the existing monitoring system.
04

Part II

Design Architecture of Kafka Eagle

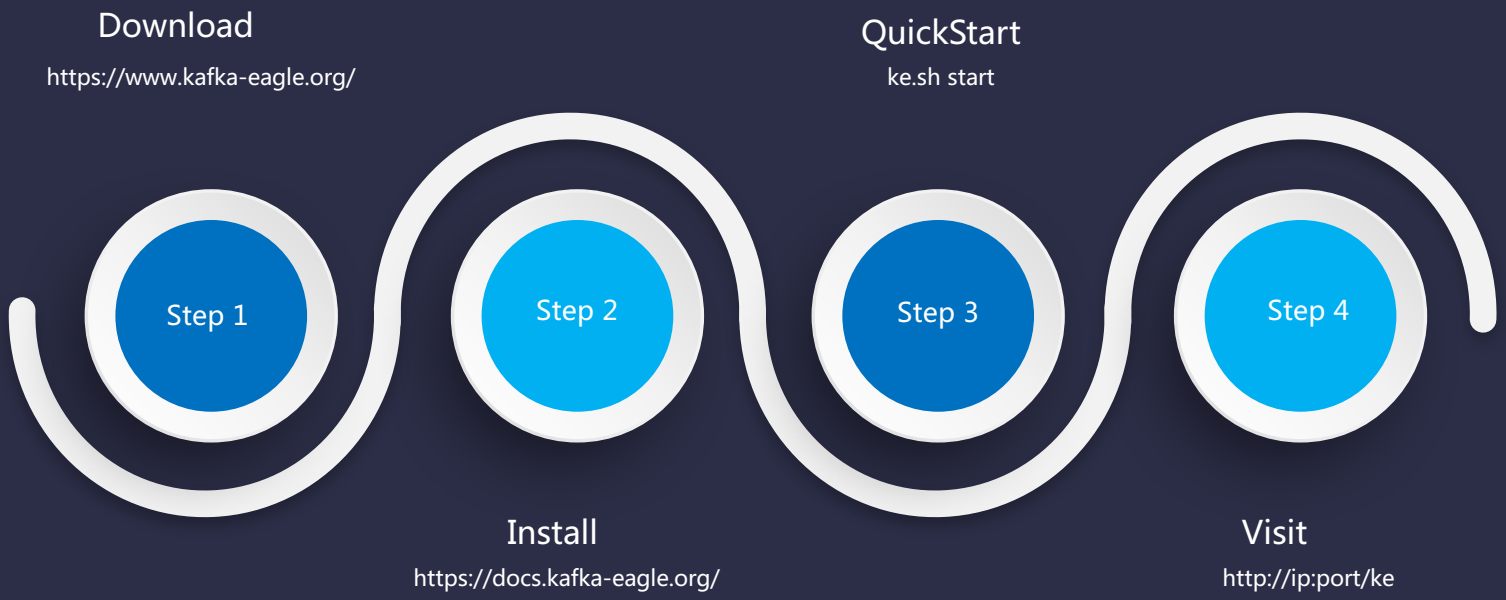
Architecture



Part III

The Advantages of Kafka Eagle

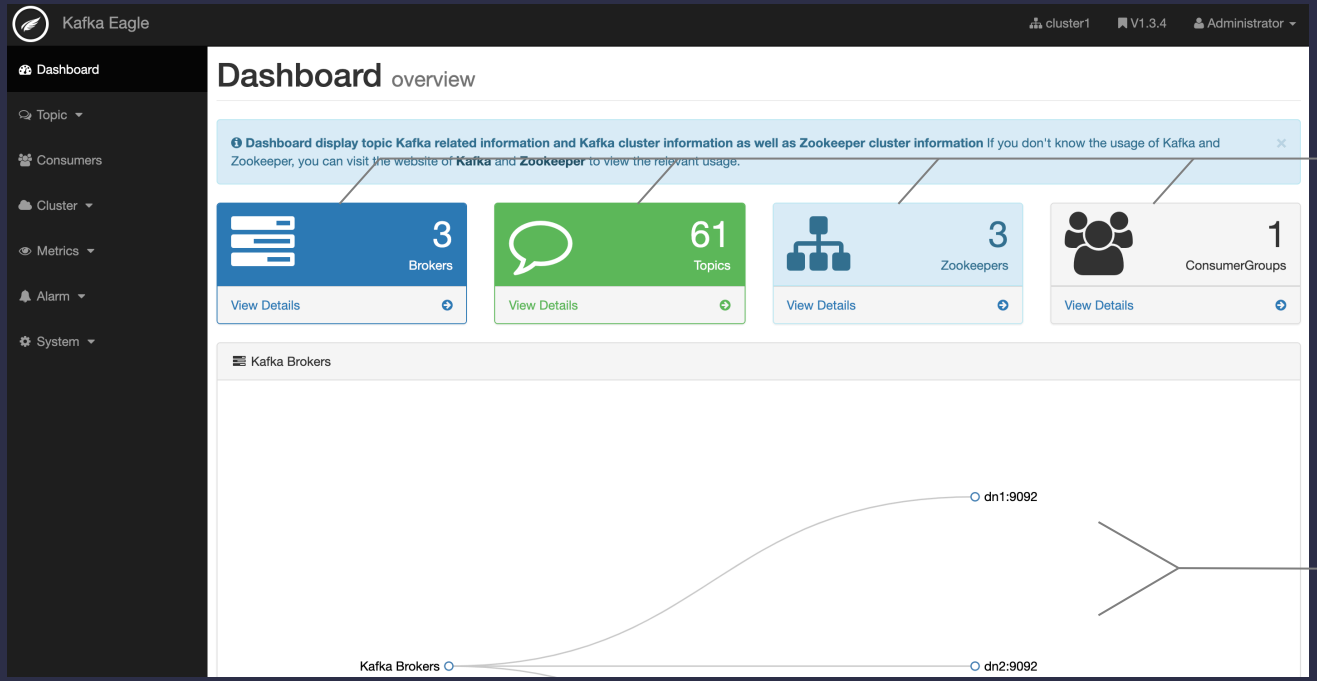
Advantages-Convenience



Advantages-Extensive

- The kafka eagle system has favorable user interface, powerful function modules.

Dashboard

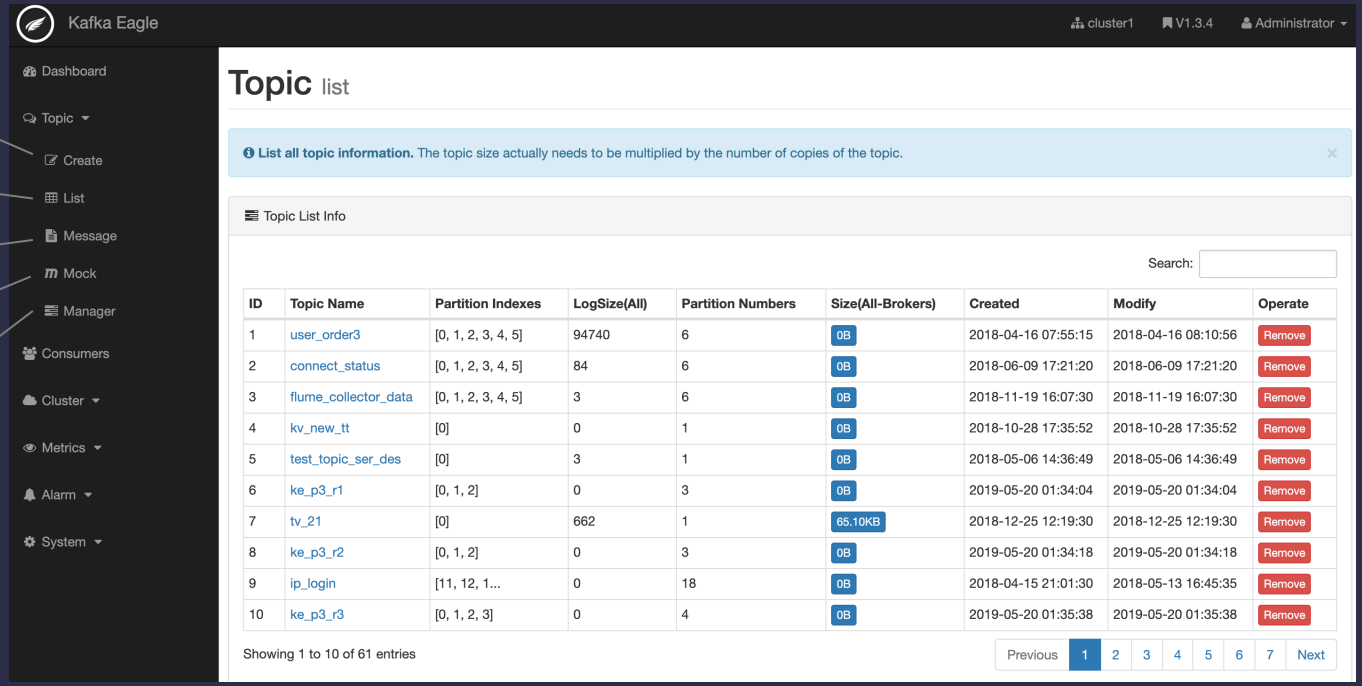


Show the scale of clusters, themes, consumers, etc.

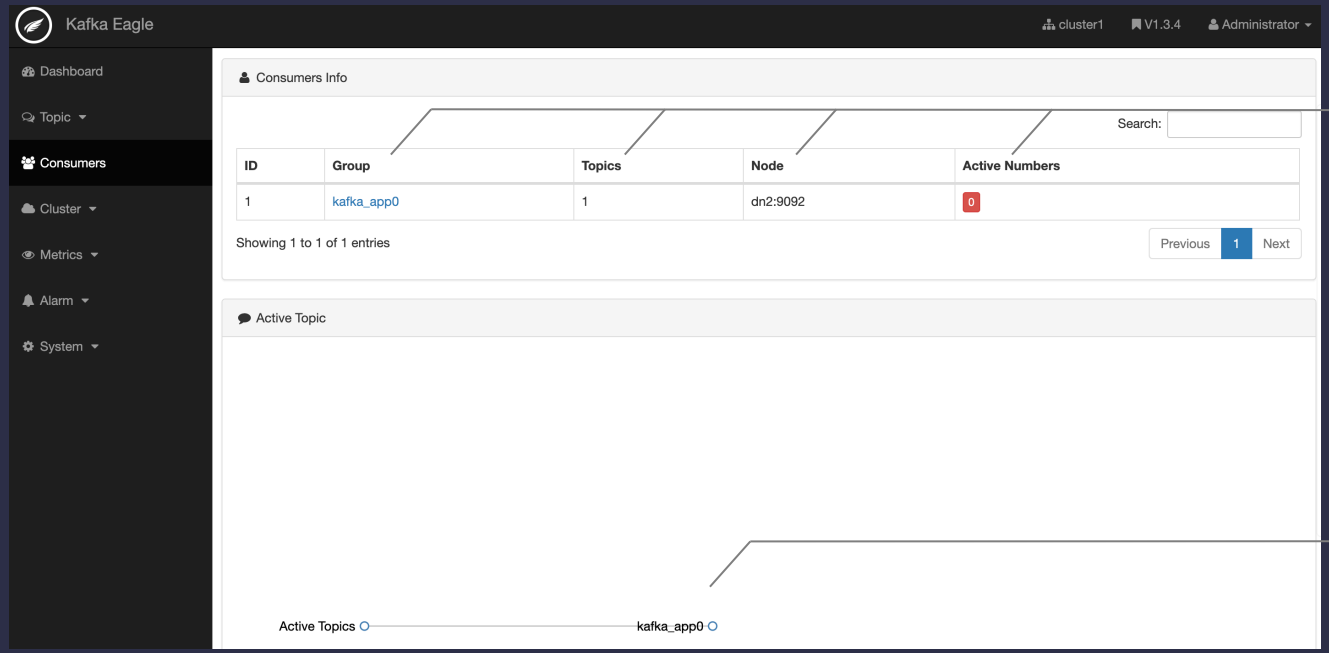
Show kafka cluster survival nodes.

Topic

1. Create topic.
2. List topic.
3. SQL query.
4. Mock data.
5. Config topic.



Consumers

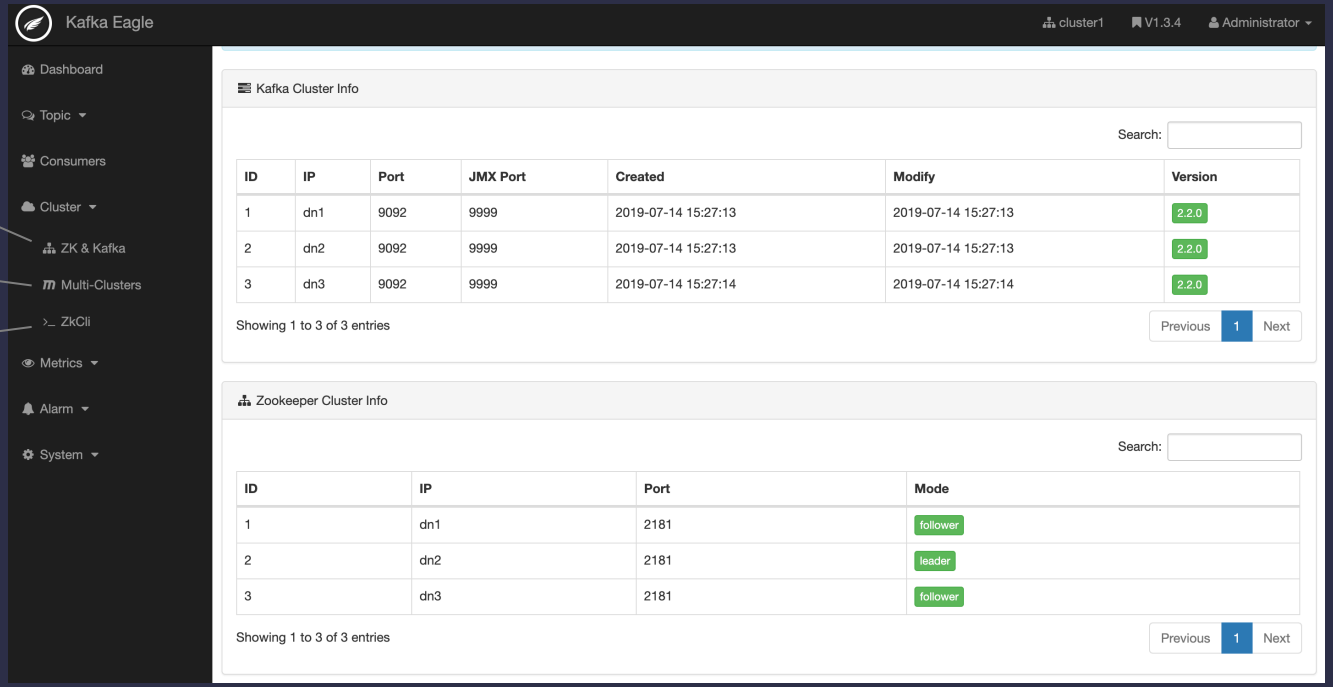


Display consumer group application details.

Display consumer active topics details.

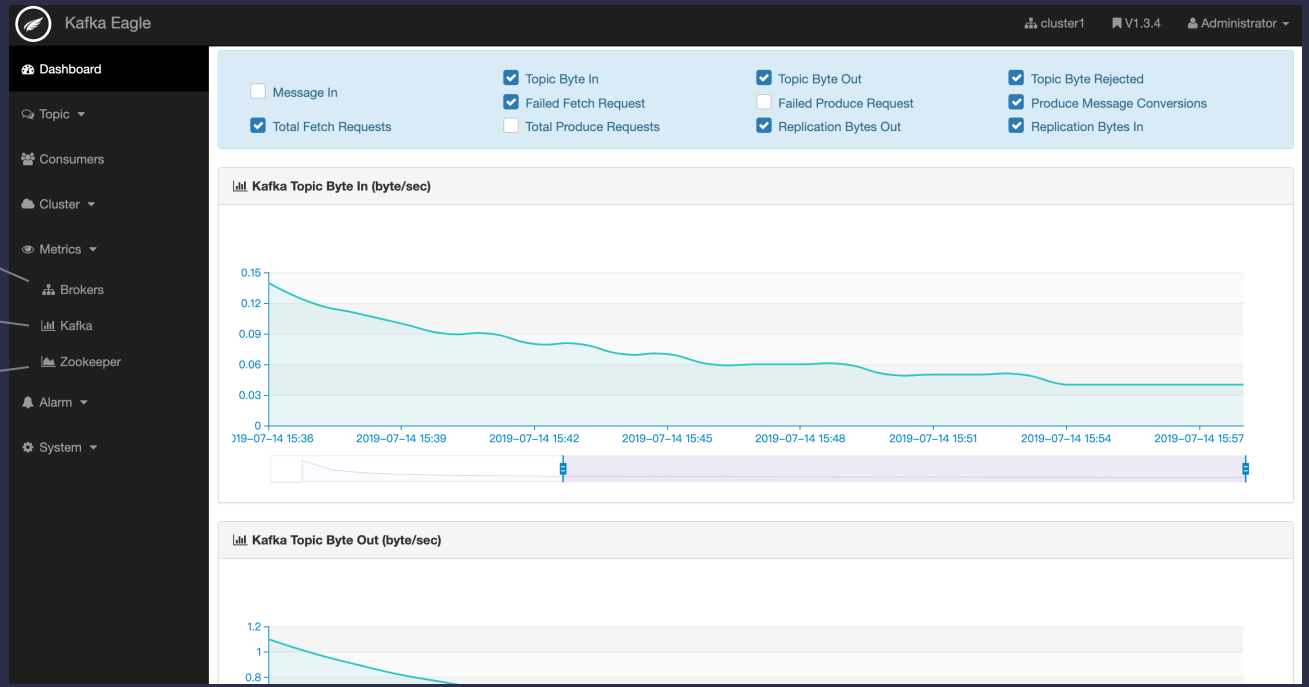
Cluster

1. Show details.
2. Multi-cluster.
3. ZK client.



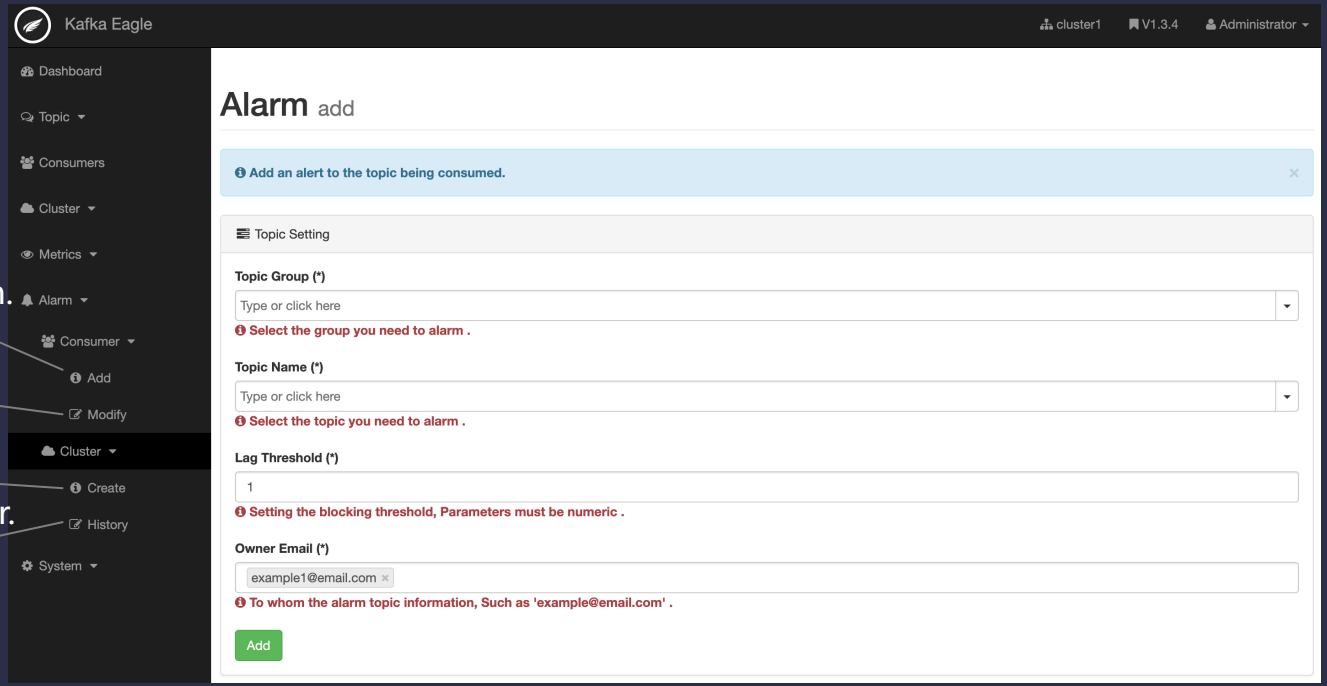
Metrics

1. Broker mbean.
2. Kafka metrics.
3. ZK metrics.



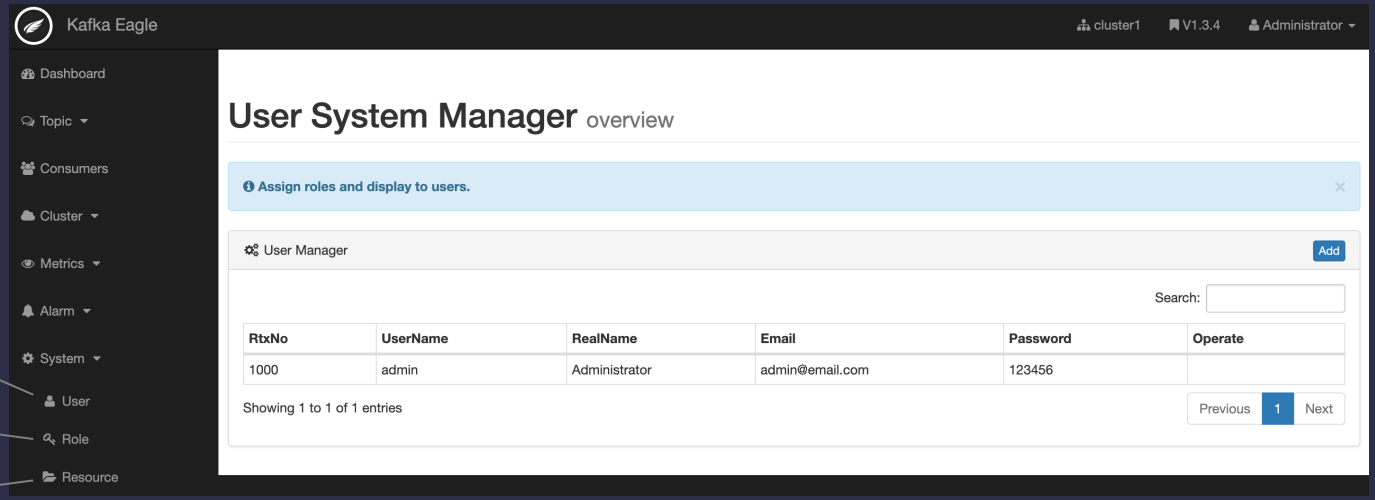
Alarm

1. Add lag alarm.
2. Modify lag.
3. Add cluster.
4. Modify cluster.



System

1. Add user.
2. Assign role.
3. Manage res.



Part IV

Follow-up Planning of Kafka Eagle

Planning

QAP

Continuous optimization of system modules of Kafka Eagle.

DSR

Collect Github issues problems and fix them.

PPL

Developing new functions of Kafka Eagle system for actual needs.

PHB

Organize and file the user manual of Kafka Eagle system.

Kafka Eagle follow-up plan is divided into four dimensions.

About Me

ME
Kafka Eagle
http://www.kafka-eagle.org/
https://github.com/smartloli/kafka-eagle/
Blog
https://www.cnblogs.com/smartloli/
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Hadoop: https://item.jd.com/12455361.html
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THANK YOU FOR WATCHING

http://www.kafka-eagle.org/

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