

# 4. Elasticsearch

- Elastic 

# Elastic

## 

### 1. Elasticsearch Kibana

`security.enabled`  Elasticsearch  Kibana 

### 2. Kibana

Kibana URL   ,  

### 3. Elasticsearch API

Elasticsearch API     (  API  )

## 

```
./bin/elasticsearch-users useradd <username> -p <password> -r <role>
```

**<username>** :  

**<password>** :  

**<role>** :   (**superuser**, **kibana\_user** )

## 

### 1. superuser

  

### 2. kibana\_admin

Kibana  

### 3. kibana\_user

Kibana   

#### 4. read-only user (viewer)

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