

# Elastic安装

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## Elasticsearch

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### 单节点



Shell

复制代码

```
1  #1.搜索镜像, 后面版本号自行修改
2  docker search elasticsearch:7.10.1
3  #2.拉取镜像
4  docker pull elasticsearch:7.10.1
5  #3 创建一个docker网络
6  docker network create elastic
7  #运行容器
8  docker run -d --name "elasticsearch" --net elastic -p 9200:9200 -p
    9300:9300 -e "discovery.type=single-node" -it 558380375f1a
```

### 多节点

```
1  version: '2.2'
2  services:
3    es01:
4      image: docker.elastic.co/elasticsearch/elasticsearch:7.17.4
5      container_name: es01
6      environment:
7        - node.name=es01
8        - cluster.name=es-docker-cluster
9        - discovery.seed_hosts=es02,es03
10       - cluster.initial_master_nodes=es01,es02,es03
11       - bootstrap.memory_lock=true
12       - "ES_JAVA_OPTS=-Xms512m -Xmx512m"
13      ulimits:
14        memlock:
15          soft: -1
16          hard: -1
17      volumes:
18        - data01:/usr/share/elasticsearch/data
19      ports:
20        - 9200:9200
21      networks:
22        - elastic
23    es02:
24      image: docker.elastic.co/elasticsearch/elasticsearch:7.17.4
25      container_name: es02
26      environment:
27        - node.name=es02
28        - cluster.name=es-docker-cluster
29        - discovery.seed_hosts=es01,es03
30        - cluster.initial_master_nodes=es01,es02,es03
31        - bootstrap.memory_lock=true
32        - "ES_JAVA_OPTS=-Xms512m -Xmx512m"
33      ulimits:
34        memlock:
35          soft: -1
36          hard: -1
37      volumes:
38        - data02:/usr/share/elasticsearch/data
39      networks:
40        - elastic
41    es03:
42      image: docker.elastic.co/elasticsearch/elasticsearch:7.17.4
43      container_name: es03
44      environment:
45        - node.name=es03
```

```
46     - cluster.name=es-docker-cluster
47     - discovery.seed_hosts=es01,es02
48     - cluster.initial_master_nodes=es01,es02,es03
49     - bootstrap.memory_lock=true
50     - "ES_JAVA_OPTS=-Xms512m -Xmx512m"
51   ulimits:
52     memlock:
53       soft: -1
54       hard: -1
55   volumes:
56     - data03:/usr/share/elasticsearch/data
57   networks:
58     - elastic
59
60   volumes:
61     data01:
62       driver: local
63     data02:
64       driver: local
65     data03:
66       driver: local
67
68   networks:
69     elastic:
70       driver: bridge
```

## Kibana

直接下载 <https://www.elastic.co/cn/downloads/kibana>

```
1  #1.搜索镜像, 后面版本号自行修改
2  docker search kibana:7.10.1
3  #2.拉取镜像
4  docker pull kibana:7.10.1
5  #3.启动容器
6  docker run -d --name kibana -p 5601:5601 -m 512m --memory-swap=1024m --
  restart=always 3e014820ee3f
7  #4.查看容器日志, 看是否正常启动
8  docker logs -f kibana
9
10 #5.进入容器修改配置 elasticsearch 的配置
11 docker exec -it kibana bash
12 #6.修改kibana.yml文件
13 vi /opt/kibana/config/kibana.yml
14 #7.修改内容
15 修改server.host为 server.host: "0.0.0.0"
16 修改elasticsearch.hosts为实际地址
17 #8.exit 退出后重启重启
18 docker restart kibana
19
```