docker-compose 安装 rocketmq

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原文链接：https://ld246.com/article/1607353262990

来源网站：

许可协议：

一、拉取镜像

docker pull rocketmqinc/rocketmq

二、设置网段

docker network create --driver bridge --subnet=172.10.0.0/16 --gateway=172.10.0.1 rmqnet
firewall-cmd --zone=trusted --add-source=172.10.0.1/16 --permanent
firewall-cmd --reload

三、配置 docker-compose

```yaml
version: '3.8'
services:
  rmqnamesrv:
    image: rocketmqinc/rocketmq
    container_name: rmqnamesrv
    ports:
      - 9876:9876
    volumes:
      - /data/docker/logs/rocketmq:/root/logs
      - /data/docker/rocketmq/store:/root/store
    command: ./mqnamesrv
    networks:
      default:
        ipv4_address: 172.10.0.14

  rmqbroker:
    image: rocketmqinc/rocketmq
    container_name: rmqbroker
    ports:
      - 10909:10909
      - 10911:10911
    volumes:
      - /data/docker/logs/rocketmq:/root/logs
      - /data/docker/rocketmq/store:/root/store
      - /data/docker/rocketmq/conf/broker.conf:/opt/rocketmq-4.4.0/conf/broker.conf
    environment:
      NAMESRV_ADDR: "172.10.0.14:9876"
      JAVA_OPT_EXT: "-server -Xms128m -Xmx128m -Xmn128m"
    command: ./mqbroker -c ../conf/broker.conf
    depends_on:
      - rmqnamesrv
    networks:
      default:
        ipv4_address: 172.10.0.15

  rmqconsole:
    image: styletang/rocketmq-console-ng
    container_name: rmqconsole
    ports:
      - 9999:8080
    environment:
```

```
      JAVA_OPTS: "-Drocketmq.namesrv.addr=172.10.0.14:9876 -Dcom.rocketmq.sendMessag
WithVIPChannel=false"
    depends_on:
      - rmqnamesrv
    networks:
      default:
        ipv4_address: 172.10.0.16

  networks:
    default:
      external:
        name: rmqnet
```

四、设置broker.conf，

```
## vi  /data/docker/rocketmq/conf/broker.conf
brokerClusterName = DefaultCluster
brokerName = broker-a
autoCreateTopicEnable=true
brokerId = 0
deleteWhen = 04
fileReservedTime = 48
brokerRole = ASYNC_MASTER
flushDiskType = ASYNC_FLUSH
brokerIP1=172.10.0.15
namesrvAddr=172.10.0.14:9876
autoCreateTopicEnable=true
autoCreateSubscriptionGroup=true
```

五、启动

```
# 启动
docker-compose up -d

#进入容器测试
docker exec -it rmqbroker bash
// 生产消息
./tools.sh org.apache.rocketmq.example.quickstart.Producer
// 消费消息
./tools.sh org.apache.rocketmq.example.quickstart.Consumer
```

[文档：docker部署rocketmq服务.note 链接：http://note.youdao.com/noteshare?id=41831bf1b70d4662f852ab0c6b1a3dd&sub=6704265BC771455E8A835F8E7462D595](文档：docke部署rocketmq服务.note 链接：http://note.youdao.com/noteshare?id=41831bf1db70d4662f85ab0c6b1a3dd&sub=6704265BC771455E8A835F8E7462D595)