

微服务相关

登录到虚拟机192.168.245.128

用户名和密码都是root

先启动redis和rabbitmq

```
docker start myredis
docker start rabbitmq
```

执行docker ps查看是否启动成功

然后启动微服务

```
cd /soft/projects
./startup.sh
```

```
root@ubunser22:/soft/projects# ps -ef| grep java
root      4036      1   2 02:02 pts/0    00:00:53 /soft/jdk1.8.0_281/bin/java -Xms512m -Xmx512m -Xmn256m -Dnacos.standalone=true -Dnacos.member.list= -Djava.ext.dirs=/soft/jdk1.8.0_281/jre/lib/ext:/soft/jdk1.8.0_281/lib/ext -Xloggc:/soft/nacos/logs/nacos_gc.log -verbose:gc -XX:+PrintGCDetails -XX:+PrintGCDateStamps -XX:+PrintGCTimeStamps -XX:+UseGCLogFileRotation -XX:NumberOfGCLogFiles=10 -XX:GCLogFileSize=100M -Dloader.path=/soft/nacos/plugins/health,/soft/nacos/plugins/cmdb -Dnacos.home=/soft/nacos -jar /soft/nacos/target/nacos-server.jar --spring.config.location=classpath:/,classpath:/config/,file:./,file:./config/,file:/soft/nacos/conf/ --logging.config=/soft/nacos/conf/nacos-logback.xml --server.max-http-header-size=524288 nacos.nacos
root      4209      1   0 02:02 pts/0    00:00:13 java -jar zipkin-server-2.21.5-exec.jar
root      4323      1   1 02:03 pts/0    00:00:41 java -jar goods.jar
root      4350      1   1 02:03 pts/0    00:00:41 java -jar stocks.jar
root      4370      1   2 02:03 pts/0    00:00:52 java -jar orders.jar
root      4443      1   1 02:03 pts/0    00:00:37 java -jar gateway.jar
root      7873     1574   2 02:11 pts/0    00:00:47 java -jar users.jar
root     19824     1574   0 02:44 pts/0    00:00:00 grep --color=auto java
root@ubunser22:/soft/projects#
```

有如下java服务会被启动, nacos, zipkin, goods, stocks, orders, users, gateway

nacos是注册中心, zipkin是做链路监控

其他的是一个用户可以生成订单, 减少库存的一套微服务架构。

微服务数据库

IP地址: 192.168.245.128

端口: 3306

用户名: root

密码: 123456

四个数据库:

- 商品数据库: shopgoods
- 订单数据库: shoporders
- 库存数据库: shopstocks
- 用户数据库: shopusers

Redis数据库

IP地址: 192.168.245.128

端口: 6379

Rabbitmq

访问地址: <http://192.168.245.128:15672>

用户名: admin

密码: admin

Zipkin

访问地址: <http://192.168.245.128:9411>

Nacos

访问地址: <http://192.168.245.128:8848/nacos>

用户名: nacos

密码: nacos

监控相关

```
docker start node-exporter
docker start mysql-exporter
docker start nginx-exporter
docker start prometheus
docker start grafana
```

执行docker ps 查看是否启动成功

Grafana

访问地址: <http://192.168.245.128:3000>

用户名: admin

密码: admin

注意: 登录成功会提示修改密码, 选择skip, 不要修改

ELK日志收集相关

```
cd /docker/elk
docker-compose up -d
```

执行docker ps 查看是否启动成功

Kibana

访问地址: <http://192.168.245.128:5601>