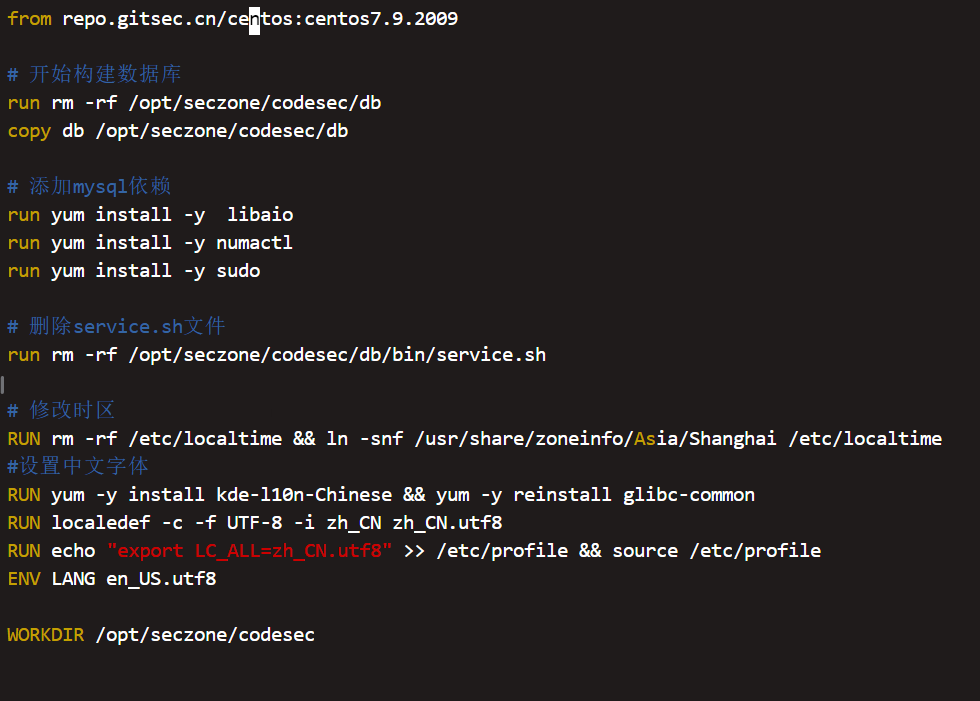
Codesec分布式部署及镜像制作

# 数据库

## Dockerfile

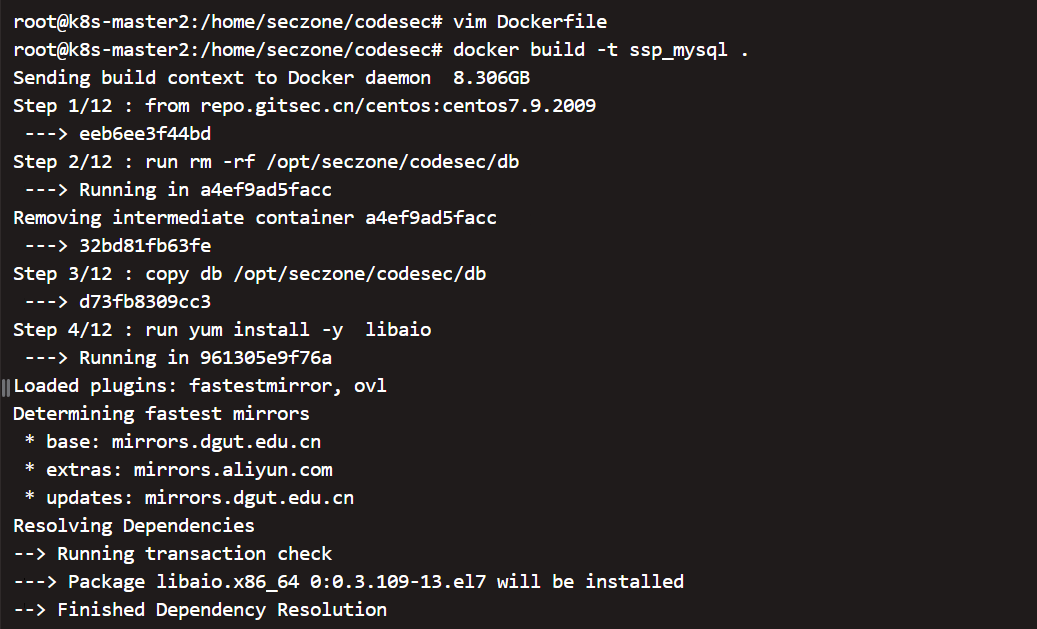
codesec安装包db同目录下vim Dockerfile

|  |
| --- |
| **from** **repo.gitsec.cn/centos:centos7.9.2009**  **# 开始构建数据库**  **run rm -rf /opt/seczone/codesec/db**  **copy db /opt/seczone/codesec/db**  **# 添加mysql依赖**  **run yum install -y libaio**  **run yum install -y numactl**  **run yum install -y sudo**  **# 删除service.sh文件**  **run rm -rf /opt/seczone/codesec/db/bin/service.sh**  **# 修改时区**  **RUN rm -rf /etc/localtime && ln -snf /usr/share/zoneinfo/Asia/Shanghai /etc/localtime**  **#设置中文字体**  **RUN yum -y install kde-l10n-Chinese && yum -y reinstall glibc-common**  **RUN localedef -c -f UTF-8 -i zh\_CN zh\_CN.utf8**  **RUN echo "export LC\_ALL=zh\_CN.utf8" >> /etc/profile && source /etc/profile**  **ENV LANG en\_US.utf8**  **WORKDIR /opt/seczone/codesec** |

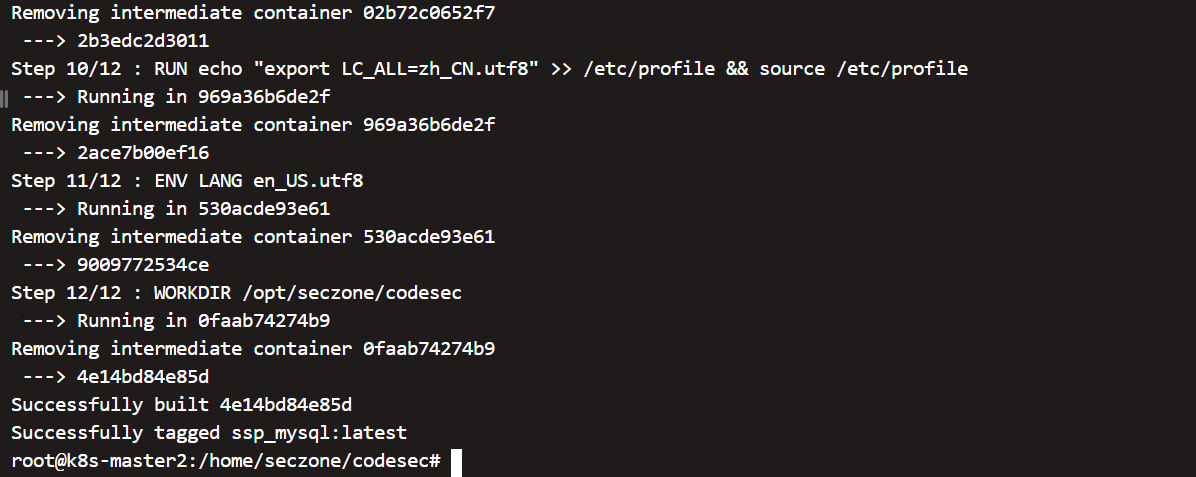


## 创建镜像

docker build -t ssp\_mysql .







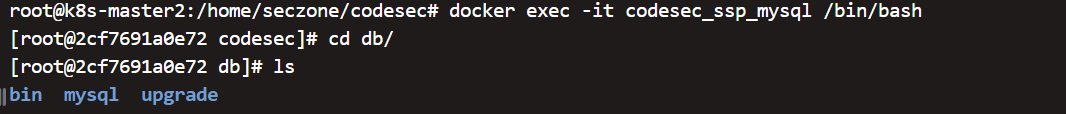
## 运行容器

docker run --name codesec\_ssp\_mysql --privileged=true -p 53306:53306 -tid ssp\_mysql



## 进入容器

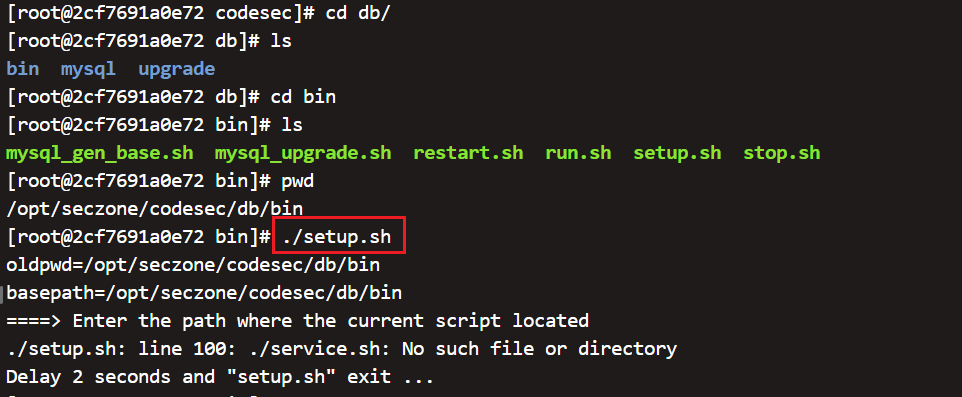
docker exec -it codesec\_ssp\_mysql /bin/bash



## 执行安装

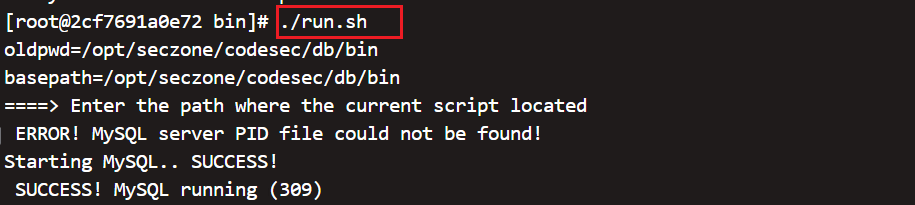
cd db/bin

./setup.sh



## 启动应用

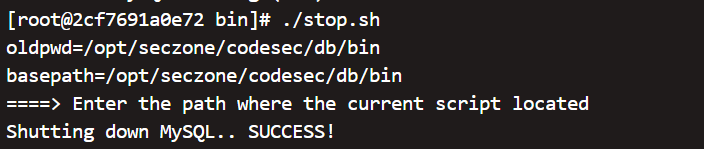
./run.sh



## 导出镜像

导出前停止应用

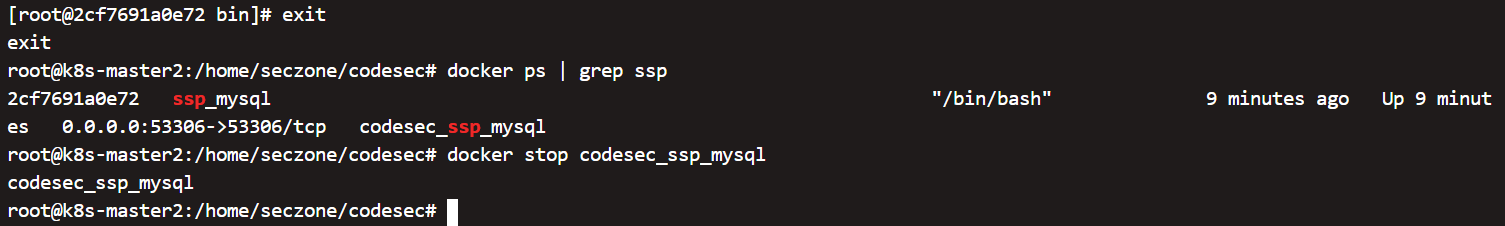
./stop.sh



停止容器

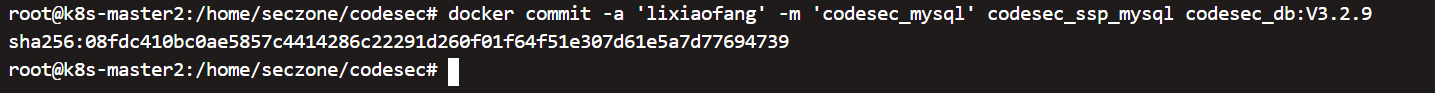
exit

docker stop codesec\_ssp\_mysql



导出镜像

docker commit -a 'lixiaofang' -m 'codesec\_mysql' codesec\_ssp\_mysql codesec\_db:V3.2.9



# 引擎

enginer 需要拷贝jre 和go

## Dockerfile

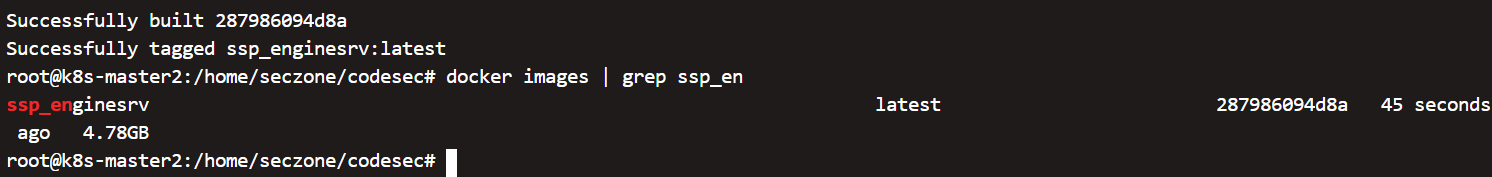
|  |
| --- |
| from repo.gitsec.cn/centos:centos7.9.2009  # 开始构建引擎  run rm -rf /opt/seczone/codesec/enginesrv  run rm -rf /opt/seczone/codesec/jre  run rm -rf /opt/seczone/codesec/go  copy enginesrv /opt/seczone/codesec/enginesrv  copy jre /opt/seczone/codesec/jre  copy go /opt/seczone/codesec/go  #安装依赖  run yum install sudo -y && yum install dmidecode -y && yum install gcc -y && yum install gcc-c++ -y  # 删除service.sh文件  run rm -rf /opt/seczone/codesec/enginesrv/bin/service.sh  # 修改时区  RUN rm -rf /etc/localtime && ln -snf /usr/share/zoneinfo/Asia/Shanghai /etc/localtime  #设置中文字体  RUN yum -y install kde-l10n-Chinese && yum -y reinstall glibc-common  RUN localedef -c -f UTF-8 -i zh\_CN zh\_CN.utf8  RUN echo "export LC\_ALL=zh\_CN.utf8" >> /etc/profile && source /etc/profile  ENV LANG en\_US.utf8  WORKDIR /opt/seczone/codesec |



## 创建镜像

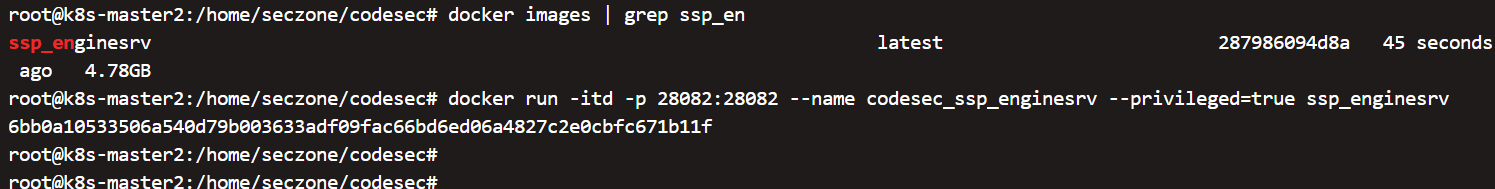
docker build -t ssp\_enginesrv .





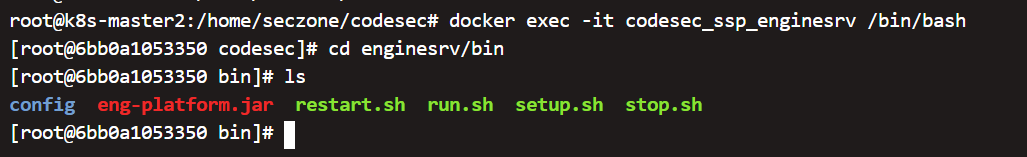
## 运行容器

docker run -itd -p 28082:28082 --name codesec\_ssp\_enginesrv --privileged=true ssp\_enginesrv



## 进入容器

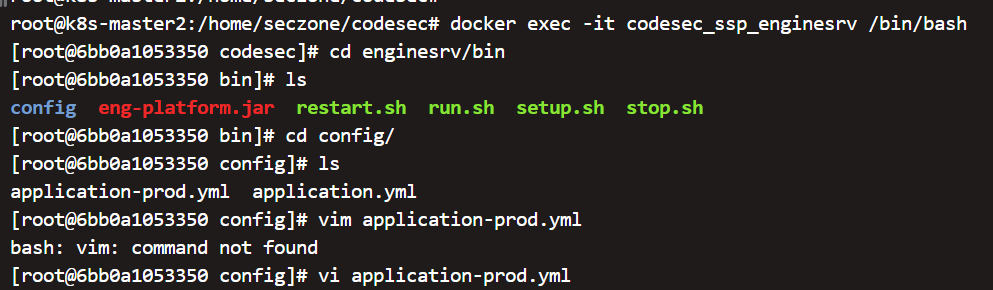
docker exec -it codesec\_ssp\_enginesrv /bin/bash



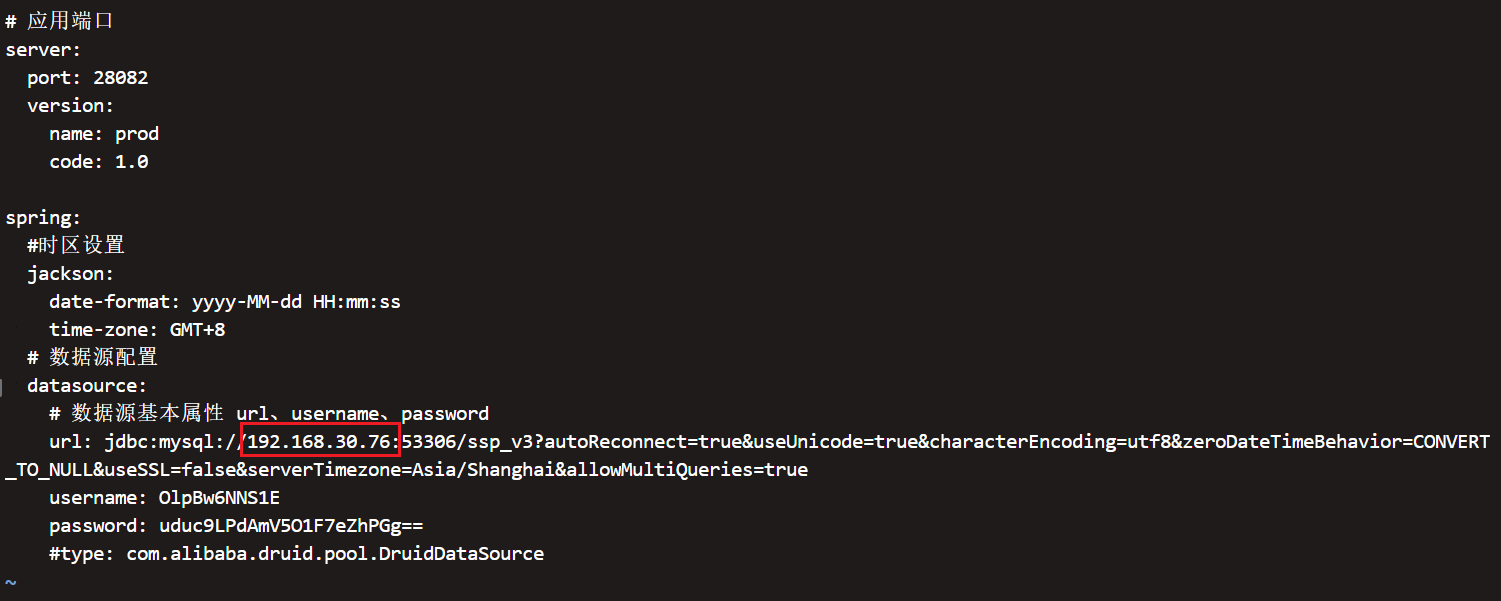
修改配置

cd /opt/seczone/codesec/enginesrv/bin/config

vim application-prod.yml



将ip改为宿主机ip

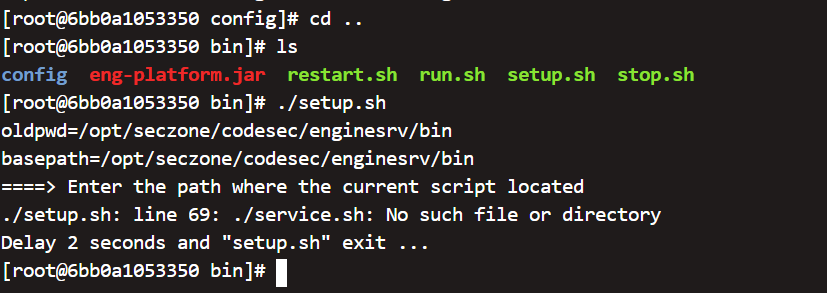


## 执行安装

返回bin目录，执行安装

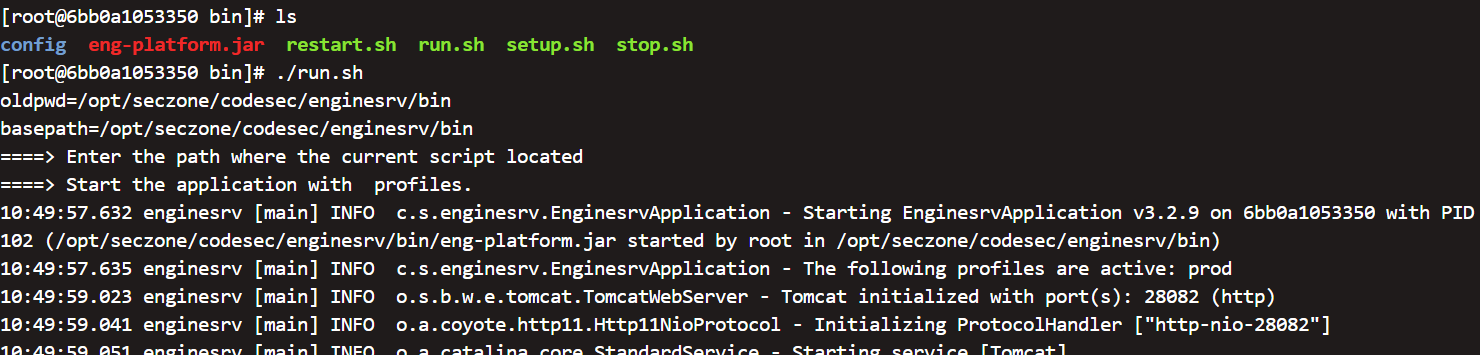
cd ..

./setup.sh



## 启动应用

./run.sh



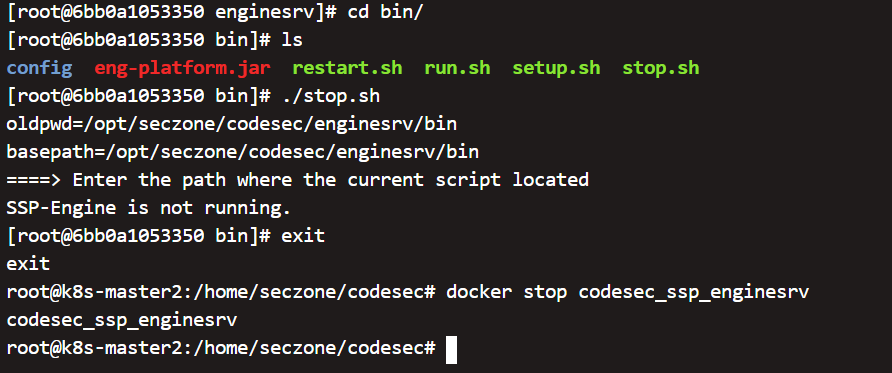


## 导出镜像（导出镜像前需要关闭容器）

停止应用，关闭容器。

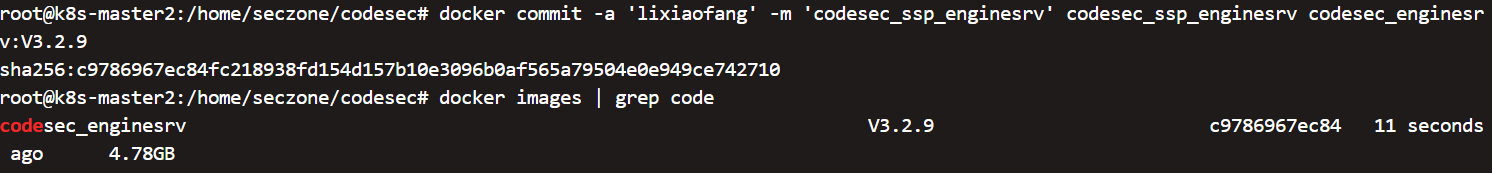
./stop.sh

docker stop codesec\_ssp\_enginesrv



导出镜像

docker commit -a 'lixiaofang' -m 'codesec\_ssp\_enginesrv' codesec\_ssp\_enginesrv codesec\_enginesrv:V3.2.9

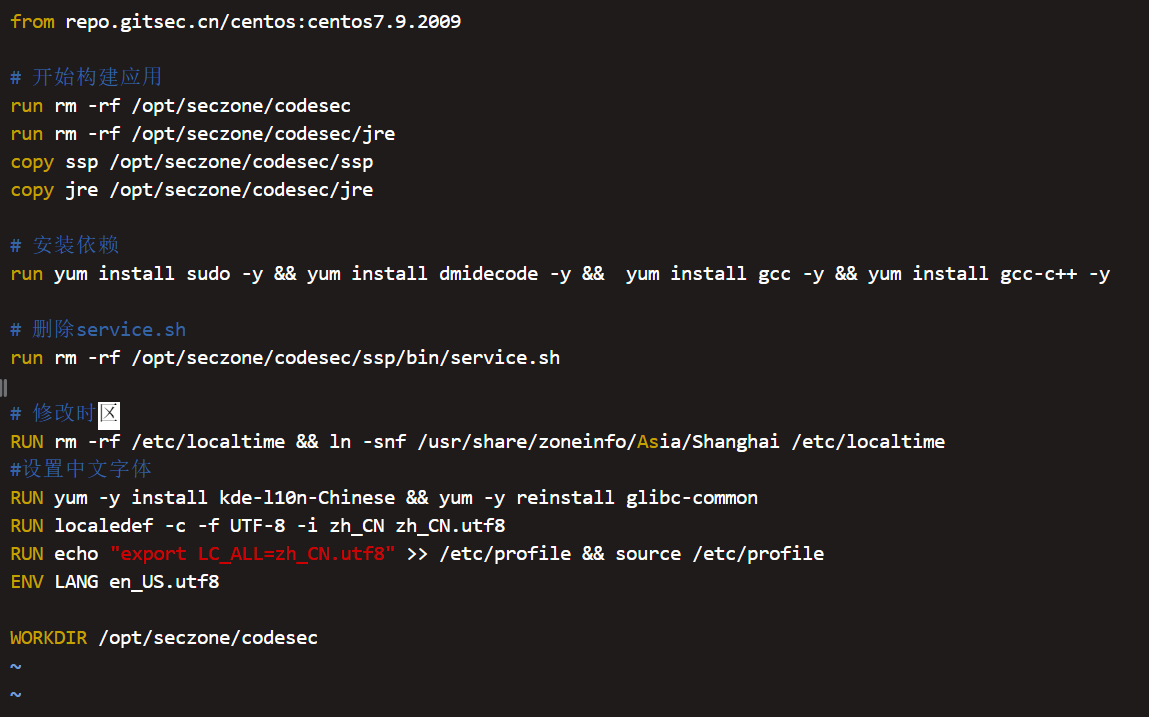


# 应用

ssp 需要拷贝 jre

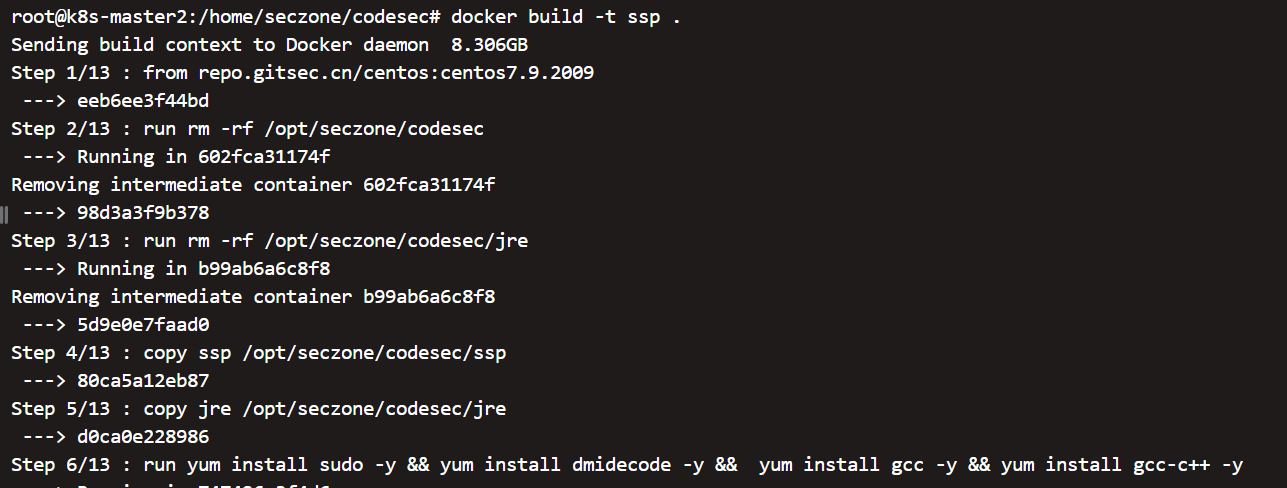
## Dockerfile

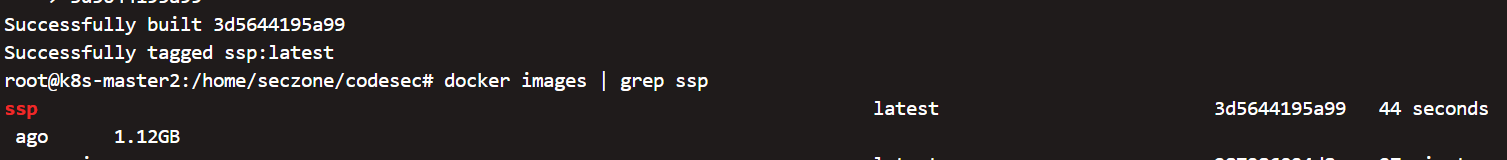
|  |
| --- |
| from repo.gitsec.cn/centos:centos7.9.2009  # 开始构建应用  run rm -rf /opt/seczone/codesec  run rm -rf /opt/seczone/codesec/jre  copy ssp /opt/seczone/codesec/ssp  copy jre /opt/seczone/codesec/jre  # 安装依赖  run yum install sudo -y && yum install dmidecode -y && yum install gcc -y && yum install gcc-c++ -y  # 删除service.sh  run rm -rf /opt/seczone/codesec/ssp/bin/service.sh  # 修改时区  RUN rm -rf /etc/localtime && ln -snf /usr/share/zoneinfo/Asia/Shanghai /etc/localtime  #设置中文字体  RUN yum -y install kde-l10n-Chinese && yum -y reinstall glibc-common  RUN localedef -c -f UTF-8 -i zh\_CN zh\_CN.utf8  RUN echo "export LC\_ALL=zh\_CN.utf8" >> /etc/profile && source /etc/profile  ENV LANG en\_US.utf8  WORKDIR /opt/seczone/codesec |



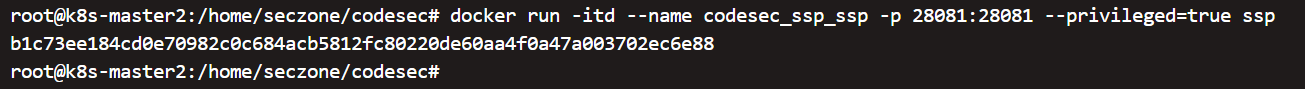
## 创建镜像

docker build -t ssp .



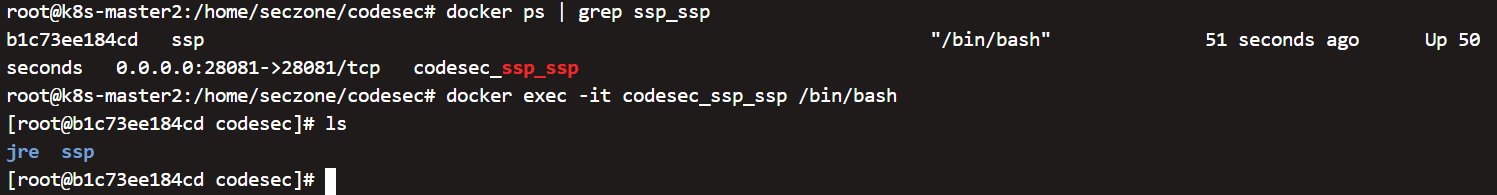


## 运行容器

docker run -itd --name codesec\_ssp\_ssp -p 28081:28081 --privileged=true ssp 

## 进入容器

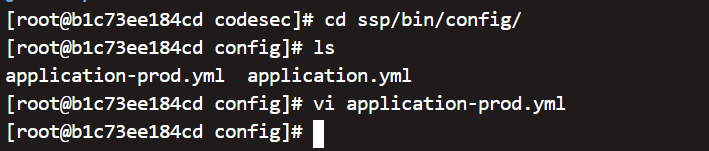
docker exec -it codesec\_ssp\_ssp /bin/bash



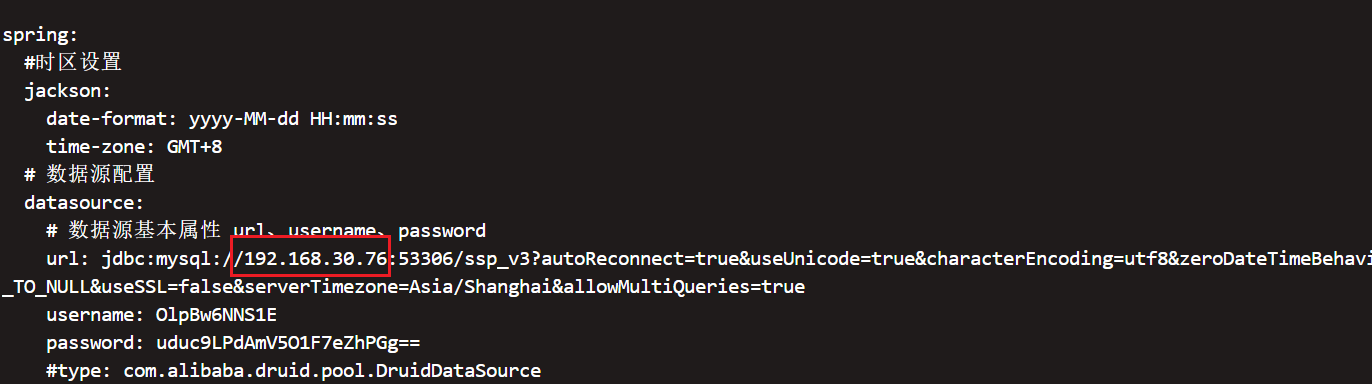
修改配置

cd ssp/bin/config/

vim application-prod.yml



ip地址修改为宿主机ip

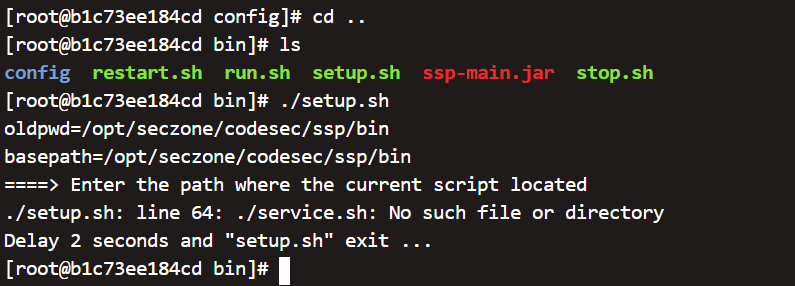


## 执行安装

进入bin目录，执行安装

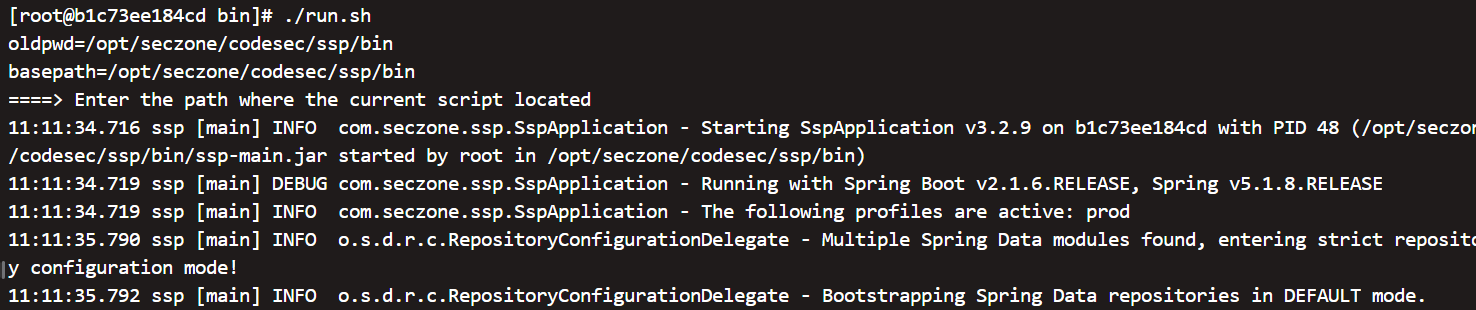
cd ..

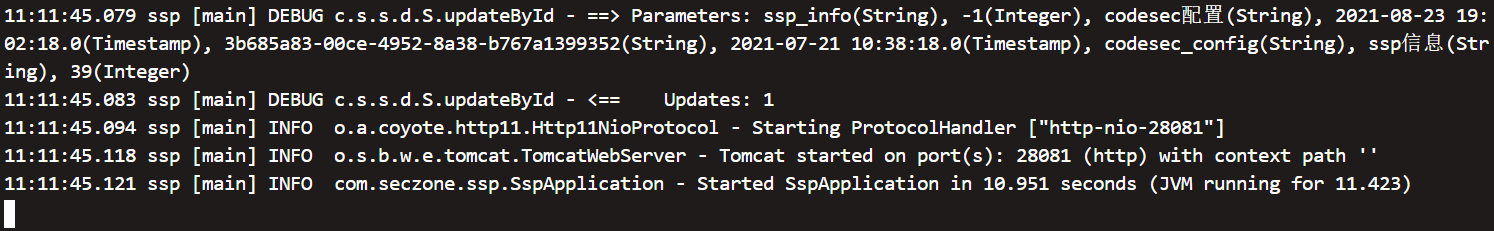
./setup.sh



## 启动应用

./run.sh

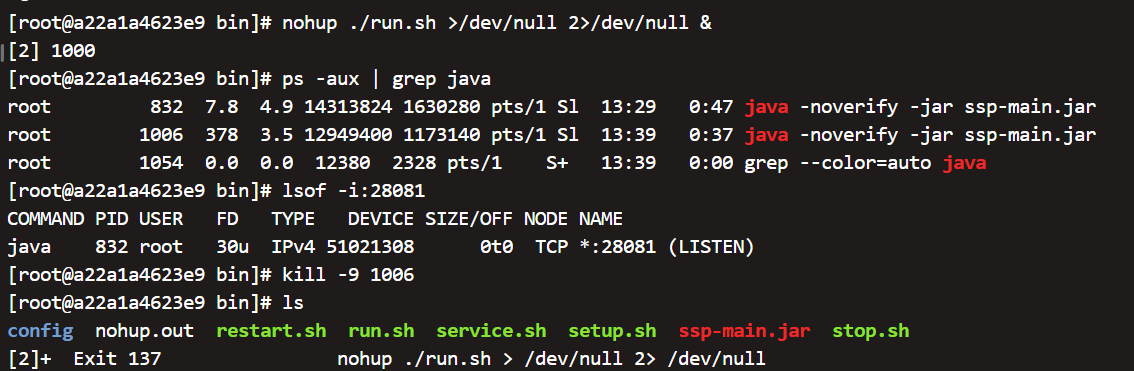




## 验证服务

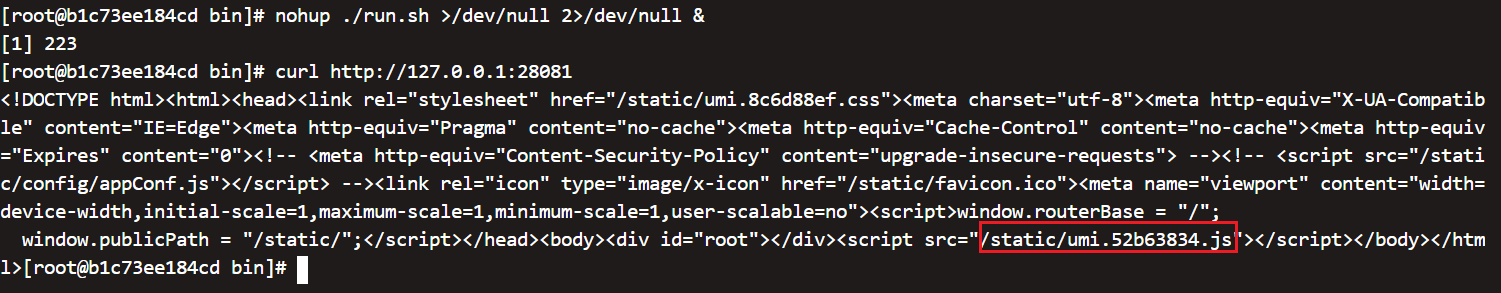
后台运行ssp

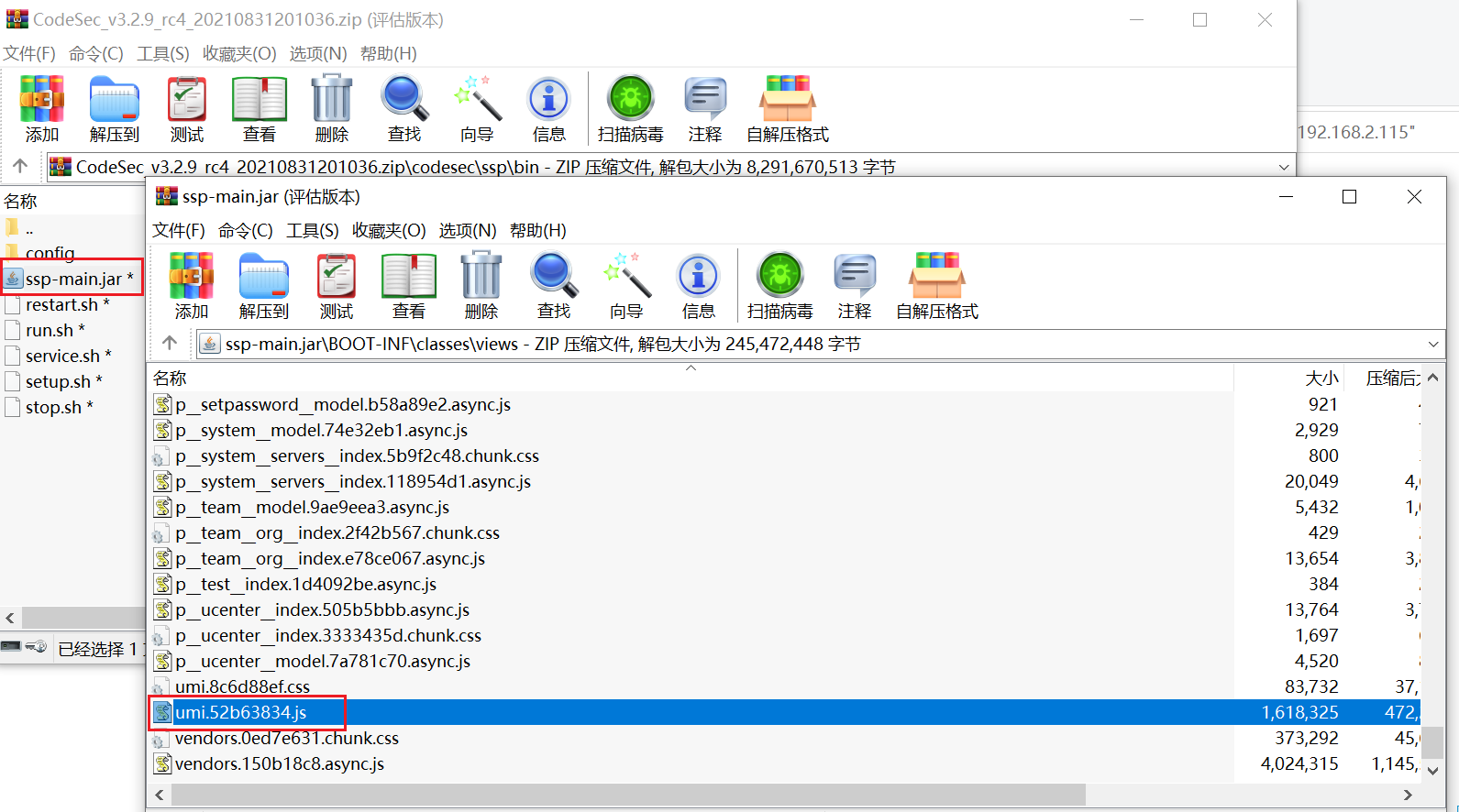
nohup ./run.sh >/dev/null 2>/dev/null &



master 2访问：

curl获取的内容与安装包中脚本内容相同，说明运行成功。



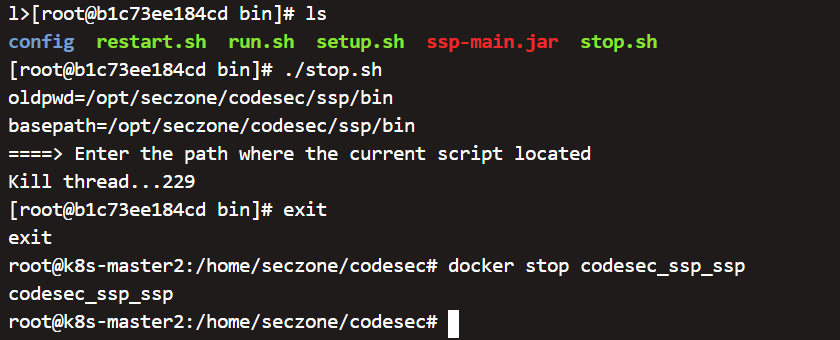


## 导出镜像（导出镜像前需要关闭容器）

关闭应用，关闭容器

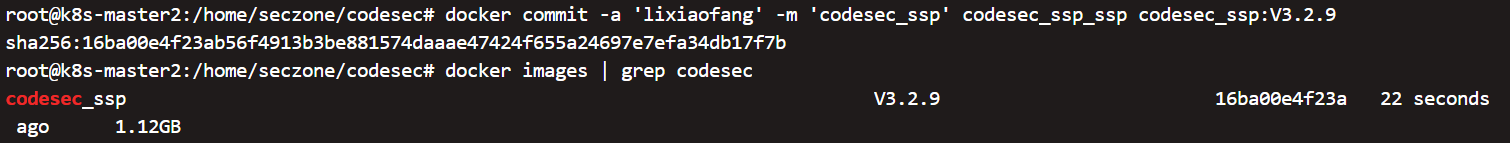
./stop.sh

docker stop codesec\_ssp\_ssp



导出镜像

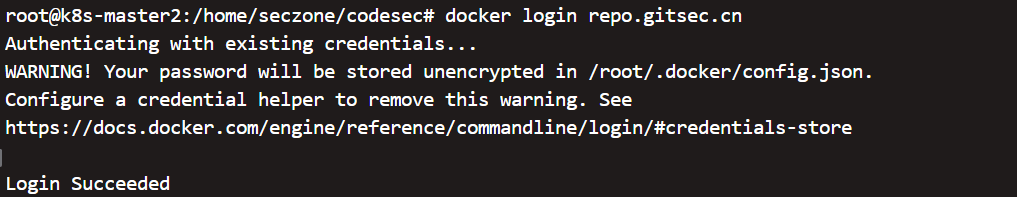
docker commit -a 'lixiaofang' -m 'codesec\_ssp' codesec\_ssp\_ssp codesec\_ssp:V3.2.9



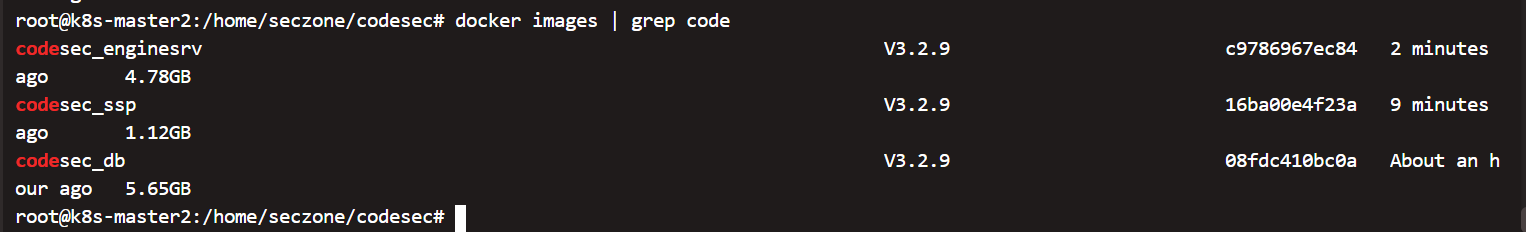
# 镜像上传到repo.gitsec.cn

## 登录repo.gitsec.cn

admin/Ericgod@1234



## docker tag

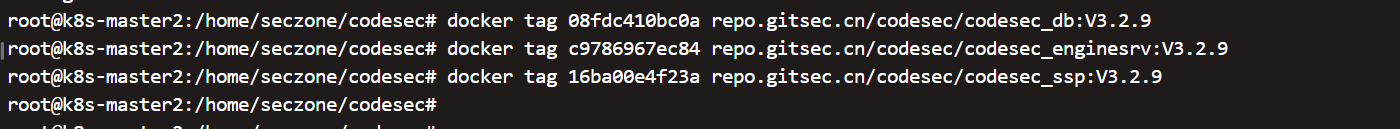


将制作的镜像打标签：

docker tag 08fdc410bc0a repo.gitsec.cn/codesec/codesec\_db:V3.2.9

docker tag c9786967ec84 repo.gitsec.cn/codesec/codesec\_enginesrv:V3.2.9

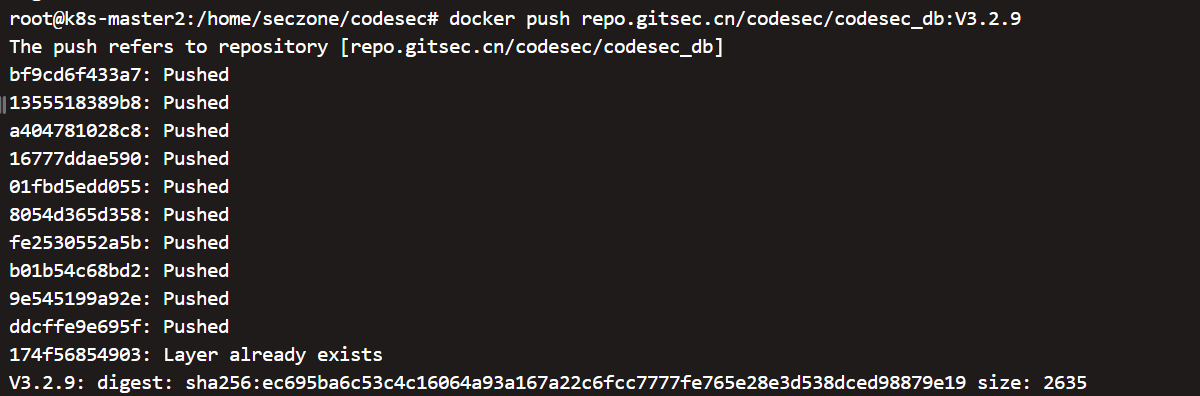
docker tag 16ba00e4f23a repo.gitsec.cn/codesec/codesec\_ssp:V3.2.9



## docker push

上传到repogitsec.cn：

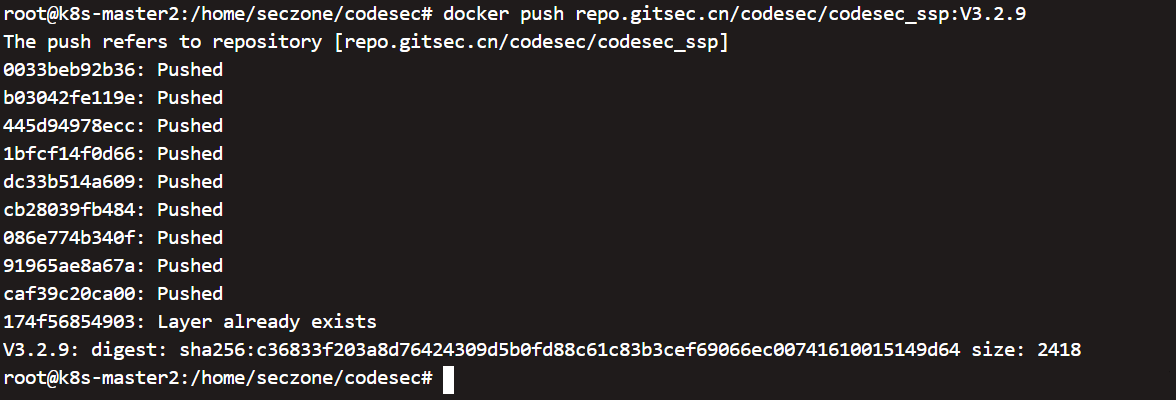
docker push repo.gitsec.cn/codesec/codesec\_db:V3.2.9



docker push repo.gitsec.cn/codesec/codesec\_enginesrv:V3.2.9



docker push repo.gitsec.cn/codesec/codesec\_ssp:V3.2.9



登录仓库，可以看到镜像已上传成功。

