部署应用程序服务端与前端

服务端部署

1. 镜像恢复

```
docker load -i api-server.tar.gz
docker load -i demo-chaincode-portal2.tar.gz
```

执行 docker images 查看镜像列表

```
root@ubuntu:~/Desktop/server# docker images
REPOSITORY
                                               TMAGE ID
                                                                   CREATED
                                                                                         ST7F
                          TAG
api-server
                          latest
                                               59a90625b192
                                                                    43 minutes ago
                                                                                         777MB
                          <none>
                                               90e22120f27a
                                                                   5 hours ago
                                                                                         787MB
<none>
demo-chaincode-portal2
                                               f7b4d8a28778
                                                                   2 months ago
                          latest
                                                                                         1.23GB
```

2. 先执行如下命令启动容器

```
docker run -p 8080:8080 -it api-server:latest sh
```

3. 容器启动后,需要先配置hosts域名解析规则,添加对应的order和peer节点的域名及EIP。

echo "49.4.3.233 orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0-0.orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0-1.orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0-2.orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0-3.orderer-773e7ba33ef2cab07d34450e7ca1a1cd826992e0.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 peer-efa57c13cba33cb1c4b16dc296020aa72131fdc4-0.peer-efa57c13cba33cb1c4b16dc296020aa72131fdc4.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 peer-efc6ab88c970aedc70dd86588a3f5dc9dc1022237-0.peer-6c6ab88c970aedc70dd86588a3f5dc9dc1022237.default.svc.cluster.local" >>/etc/hosts echo "49.4.3.233 peer-bde653e28dcb15bbf956e86c07107a2955b20be1-0.peer-bde653e28dcb15bbf956e86c07107a2955b20be1-0.peer-bde653e28dcb15bbf956e86c07107a2955b20be1-0.peer-

4. 执行./api-server启动服务。

```
© © © root@ubuntu:-/Desktop/server
172.17.0.2 807298c72444
172.17.0.2 807293c72444
172.17.0.2 807293c
```

注意:

为了便于开发,我们可以在虚拟机的环境中同样添加上面的配置信息,同时将证书文件放到指定的目录中, 让部署好的前端直接访问我们的开发环境。

前端部署

1. 执行如下命令启动容器

```
docker run -p 4200:4200 -e API_SERVER_IP=127.0.0.1 -e API_SERVER_PORT=8080 -it demo-chaincode-portal2:latest sh
```

2. 容器启动后, 进入容器执行./start.sh启动服务

```
# ./start.sh

> baasbankdemo@1.0.0 start /opt/bankdemo
> ng serve --proxy-config proxy.conf.js

** NG Live Development Server is listening on 0.0.0.0:4200, open your browser on http://localhost:4200/ **
10% building modules 3/3 modules 0 active[HPM] Proxy created: /api -> http://127.0.0.1:8080/blockchain
[HPM] Proxy rewrite rule created: "^/api" -> ""
Date: 2018-05-22107:48:22.5512
Hash: 9a50f7c3a071f503841d
Time: 11727ms
chunk {inline} inline.bundle.js (inline) 5.79 kB [entry] [rendered]
chunk {polyfills} polyfills.bundle.js (polyfills) 950 kB [initial] [rendered]
chunk {styles} styles.bundle.js (styles) 651 kB [initial] [rendered]
chunk {vendor} vendor.bundle.js (vendor) 10.4 MB [initial] [rendered]
webpack: Compiled successfully.
webpack: Compiled successfully.
webpack: Compiled successfully.
ince: 2018-05-22107:48:23.5932
Hash: 019c2c66aba7b13a1047
Time: 633ms
chunk {inline} inline.bundle.js (inline) 5.79 kB [entry]
chunk {styles} styles.bundle.js (styles) 651 kB [initial]
chunk {styles} styles.bundle.js (styles) 651 kB [initial]
chunk {styles} styles.bundle.js (vendor) 10.4 MB [initial]
chunk {styles} styles.bundle.js (vendor) 10.4 MB [initial]
chunk {styles} styles.bundle.js (vendor) 10.4 MB [initial]
chunk {vendor} vendor.bundle.js (vendor) 10.4 MB [initial]
webpack: Compiled successfully.
```



注意:

1、银行登陆的用户名分别是:xxx1、xxx2、xxx3,密码是:password

2、客户登陆的用户名分别是: customer1、customer2、customer3,密码同上

3、导入CSV账户信息时,并不是每次都能成功,大家可以更换着银行多试几次。