

Docker搭建私有仓库文档

环境:

centos 7.3

docker version : 1.13

docker registryIP地址: 192.168.253.129

hosts:

| ip | 域名 |
|-----------------|------------------|
| 192.168.253.129 | docker-registryd |
| 192.168.253.130 | docker-clinet |

docker registry 配置

1、安装docker服务

```
yum install docker -y
```

2、启动docker

```
systemctl restart docker
```

3、下载registry镜像

```
docker pull registry
```

4、创建docker镜像仓库目录

```
mkdir /myregistry
```

4、创建镜像仓库

```
docker run -d -p 5000:5000 --privileged=true --name registry  
--restart=always -v /myregistry:/var/lib/registry registry
```

docker 客户端配置

1、安装docker服务

```
yum install docker -y
```

2、添加配置支持https

```
vim /etc/docker/daemon.json  
{ "insecure-registries": [ "docker-registry:5000" ] }
```

3、启动docker

```
systemctl restart docker
```

4、pull一个测试镜像

```
docker pull nginx
```

5、推送到私有仓库

```
docker tar nginx docker-registry:5000/nginx  
docker push docker-registry:5000/nginx
```

6、查看仓库的镜像

```
docker exec -it YOURregistryID ls  
/var/lib/registry/docker/registry/v2/repositories  
curl -XGET http://docker-registry:5000/v2/_catalog
```

7、如果客户端是docker 17的版本

```
vim /usr/lib/systemd/system/docker.service  
ExecStart=/usr/bin/dockerd --insecure-registry 192.168.253.129:5000  
# "--insecure-registry 192.168.253.129:5000",
```