gitlab-runner容器化配置

环境

centos	release 7.4.1708	
docker	1.13.1	
虚拟机	192.168.255.129	
gitlab-ce	80端口	docker.io/gitlab/gitlab-ce:11.6.1-ce.0 内网: 10.22.60.25/basic/gitlab-ce:11.6.1-ce.0
gitlab-runner		docker.io/gitlab/gitlab-runner:v11.6.0 内网: 10.22.60.25/basic/gitlab-runner:v11.6.0
maven		docker.io/maven:3-jdk-8 maven修改为nexus地, 镜像地址为: 10.22.60.25/test/maven1:3-jdk-8

gitlab-ce部署操作

1、获取gitlab的镜像

```
$ docker pull docker.io/gitlab/gitlab-ce:11.6.1-ce.0
```

2、安装gitlab

```
$ docker run -d \
    --hostname gitlab \
    --publish 8443:443 --publish 80:80 --publish 2222:22 \
    --name gitlab \
    --restart always \
    docker.io/gitlab/gitlab-ce:11.6.1-ce.0
```

3、修改gitlab的配置

```
1gitlab
2gitlab"vi /etc/gitlab/gitlab.rb"
3external_url "http://192.168.255.129"   ##  IP
```

4、重启gitlab容器

5、在浏览器访问192.168.255.129端口

```
1gitlab
2runnertoken
```

gitlab runnner部署

1、获取gitlab runnner的镜像

```
$ docker  pull docker.io/gitlab/gitlab-runner:v11.6.0
```

2、启动gitlab runner容器

注意启动的时候一定要映射"/var/run/docker.sock:/var/run/docker.sock"，不然在runner在编译的时候提示找不到 '/var/run/docker.sock '，猜想：应该是容器内部的runnner会向dicker的通讯接口 '/var/run/docker.sock '发送请求，使其调用"10.22.60.25/test/maven1:3-jdk-8"（后面配置的镜像地址）进行编译操作

```
$ docker run  -it --name  runner-poc-01  -v
/var/run/docker.sock:/var/run/docker.sock -d
docker.io/gitlab/gitlab-runner:v11.6.0
c6e087a0b678bd09e748b992f42b890242287f31c6af0a37faf505e9f880b74
```

3、配置gitlab runner

根据gitlab的runner注册信息填写，镜像地址为私有内网仓库镜像：10.22.60.25/test/maven1:3-jdk-8
（此镜像修改了maven的相关信息，可以从内网nexus获取资源）

```
root@c6e087a0b678:/# gitlab-ci-multi-runner register
Runtime platform                              arch=amd64 os=linux
pid=32 revision=f100a208 version=11.6.0
Running in system-mode.

Please enter the gitlab-ci coordinator URL (e.g. https://gitlab.com/):
http://192.168.255.129/
Please enter the gitlab-ci token for this runner:
5z57rFb3BHgSpnLQUaAX
Please enter the gitlab-ci description for this runner:
[c6e087a0b678]: Runner-poc-01
Please enter the gitlab-ci tags for this runner (comma separated):
POC
Registering runner... succeeded                   runner=5z57rFb3
Please enter the executor: docker, parallels, shell, docker+machine,
kubernetes, docker-ssh, ssh, virtualbox, docker-ssh+machine:
docker
Please enter the default Docker image (e.g. ruby:2.1):
10.22.60.25/test/maven1:3-jdk-8
Runner registered successfully. Feel free to start it, but if it's running
already the config should be automatically reloaded!
```

4、在gitlab检查是否注册成功

5、上传代码进行编译测试