

Docker部署LNMP环境

1、搜索被收藏或使用较多的LNMP镜像

```
$ sudo docker search -s 10 lamp
```

```
[gaofy@localhost ~]$ sudo docker search -s 10 lnm
Flag --stars has been deprecated, use --filter=stars=3 instead
NAME                                DESCRIPTION                                STARS                                OFFICIAL
AUTOMATED
imagine10255/centos6-lnm- php56    centos6-lnm- php56                        53
[OK]
twang2218/lnmp-nginx                这是 LNMP 示例中的 nginx 镜像            17
[OK]
winstonpro/lnmp                     based on ubuntu 14.04                      15
```

2、下载镜像

```
$ sudo docker pull imagine10255/centos6-lnm- php56
```

```
[gaofy@localhost bin]$ sudo docker pull imagine10255/centos6-lnm- php56
Using default tag: latest
latest: Pulling from imagine10255/centos6-lnm- php56
f402e43879a8: Pull complete
e76184b3b2ef: Pull complete
c92be21ea634: Download complete
ae5dfaaf3d26: Download complete
d1614380713d: Downloading
1296ca419182: Download complete
eb1025bb2c5f: Waiting
d761adas2e04: Downloading [==>]      826 kB/11.12MB
bd37fe1cf1bc: Downloading
720ddecae86e: Waiting
3a5e00e20834: Waiting
7333af8d24da: Waiting
32350ff46b09: Waiting
ebce168aa31f: Waiting
07a958684e90: Waiting
```

3、重启

```
$ systemctl daemon-reload
$ systemctl restart docker
```

4、查看镜像

```
$ docker images
```

```
[gaofy@localhost bin]$ sudo docker images
REPOSITORY              TAG          IMAGE ID          CREATED          SIZE
centos                   latest       9f38484d220f     3 weeks ago     202MB
hello-world              latest       fce289e99eb9     3 months ago    1.84kB
nickistre/centos-lamp    latest       0b8d572d1c7d     12 months ago   547MB
java                     latest       d23bdf5b1b1b     2 years ago     643MB
imagine10255/centos6-lnm- php56    latest       ecc74d703eca     2 years ago     1.31GB
```

5、启动容器

```
$ docker run -d -p 32801:80 -p 32802:443 -p 32803:3306 -p 32804:22 --name lnmp imagine10255/centos6-lnmp-php56
```

-d 指的是在后台运行

-p指定暴露的端口 第一个端口是对外暴露的接口 相对应的是内部的端口。

```
[gaofy@localhost bin]$ sudo docker run -d -p 32801:80 -p 32802:443 -p 32803:3306 -p 32804:22 --name lnmp imagine10255/centos6-lnmp-php56
0d3f3a2f2bf58a1fd65f9275b91f0adaa2ce3f9b6b9addd9b360fb58d75d1b4
```

6、启动成功后可以使用docker ps查看正在运行的docker镜像

```
$ sudo docker ps
```

```
[gaofy@localhost bin]$ sudo docker ps -la
CONTAINER ID        IMAGE                                     COMMAND                  CREATED             STATUS
0d3f3a2f2bf5      imagine10255/centos6-lnmp-php56        "bash"                  About a minute ago  Exited (0) 54 sec
onds ago
lnmp
```

```
[gaofy@localhost bin]$ python
```