

Centos7 安装 docker

①yum 安装

centos7 自带的 yum 源没有 docker 软件，要指定其他的源，比如阿里的源或 docker 官方的

```
# cd /etc/yum.repos.d/
```

```
# wget https://mirrors.aliyun.com/docker-ce/linux/centos/docker-ce.repo //阿里的源
```

```
或: https://download.docker.com/linux/centos/docker-ce.repo //官方的源
```

```
[root@localhost ~]# cd /etc/yum.repos.d/
[root@localhost yum.repos.d]# wget https://mirrors.aliyun.com/docker-ce/linux/centos/docker-ce.repo
```

然后在/etc/yum.repos.d/目录下多了一个名为 docker-ce.repo 的文件

如果下载不了，可以在此目录下自己创建一个 docker-ce.repo 文件，内容如下：

```
[docker-ce-stable]
```

```
name=Docker CE Stable - $basearch
```

```
baseurl=https://mirrors.aliyun.com/docker-ce/linux/centos/7/$basearch/stable
```

```
enabled=1
```

```
gpgcheck=1
```

```
gpgkey=https://mirrors.aliyun.com/docker-ce/linux/centos/gpg
```

保存

```
# yum search docker
```

```
# yum install docker
```

安装后，默认是未启动的

```
Complete!
[root@localhost ~]# docker info
Cannot connect to the Docker daemon at unix:///var/run/docker.sock. Is the docker daemon running?
[root@localhost ~]#
```

```
# systemctl enable docker
```

```
# systemctl start docker
```

```
[root@localhost ~]# systemctl enable docker
Created symlink from /etc/systemd/system/multi-user.target.wants/docker.service to /usr/lib/systemd/sy
[root@localhost ~]# systemctl start docker
[root@localhost ~]#
```

```
[root@localhost ~]# docker info
Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
Images: 0
Server Version: 1.13.1
Storage Driver: overlay2
  Backing Filesystem: xfs
  Supports d_type: true
  Native Overlay Diff: true
Logging Driver: journald
Cgroup Driver: systemd
Plugins:
```

?? 竟然是 1.13.1 的版本，对，我们刚刚安装的是旧版本，docker 从 17.03 版本之后开始分为 CE 和 EE 两种，要安装新版本，得指定安装 docker-ce

先移除刚刚的 docker

```
# systemctl stop docker
# systemctl disable docker
# yum remove docker docker-common -y
```

安装 docker-ce

```
# yum install docker-ce docker-ce-cli containerd.io -y
```

```
[root@localhost ~]# yum install docker-ce docker-ce-cli containerd.io
```

```
# systemctl enable docker
# systemctl start docker
# docker info
```

```
[root@localhost ~]# docker info
Client:
 Debug Mode: false





Server:
 Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
 Images: 0
 Server Version: 19.03.13
 Storage Driver: overlay2
 Backing Filesystem: xfs
```

②离线安装

先在能上网的计算机上下载离线安装包，选择较新版本

地址：https://download.docker.com/linux/centos/7/x86_64/stable/Packages/

下载 4 个文件：

名称	修改日期	类型	大小
 containerd.io-1.2.5-3.1.el7.x86_64.rpm	2020/8/7 14:29	rpm Archive	22,674 KB
 container-selinux-2.107-3.el7.noarch.rpm	2020/8/7 14:24	rpm Archive	40 KB
 docker-ce-18.09.9-3.el7.x86_64.rpm	2020/8/7 14:48	rpm Archive	21,718 KB
 docker-ce-cli-18.09.9-3.el7.x86_64.rpm	2020/8/7 14:46	rpm Archive	16,025 KB

然后想办法上传到 centos7 服务器上，按以下次序安装

```
# rpm -ivh docker-ce-cli-18.09.9-xxx.rpm
# rpm -ivh container-selinux-2.107.xxx.rpm
# rpm -ivh containerd.io-1.2.5.xxxx.rpm
# rpm -ivh docker-ce-18.09.9-xxx.rpm
```

```
# systemctl enable docker
# systemctl start docker
```