

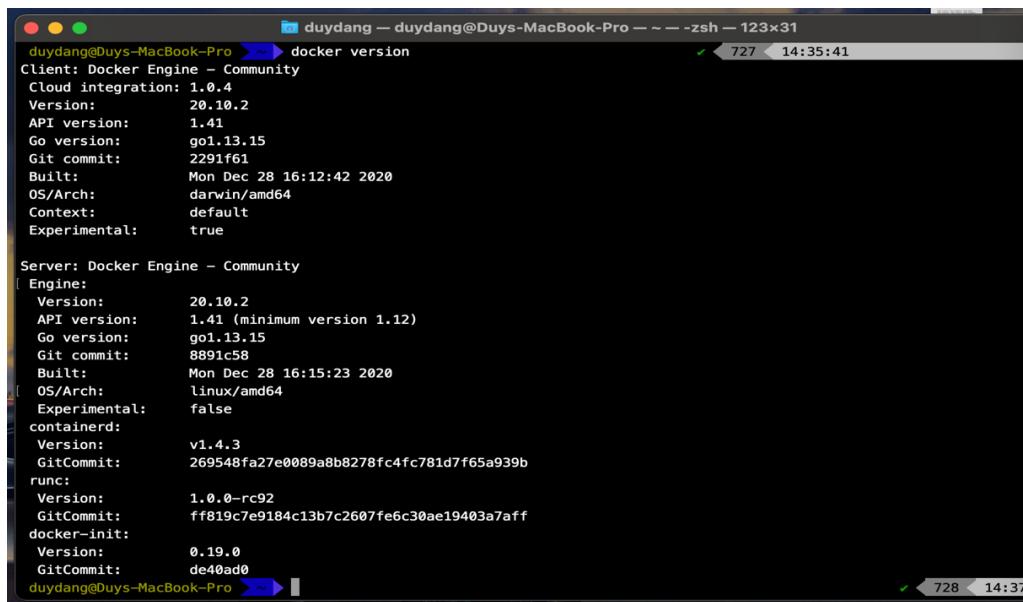
MSSV: 1815060002

Họ Tên: Đặng Ngọc Duy

Lớp: 18HTHA1

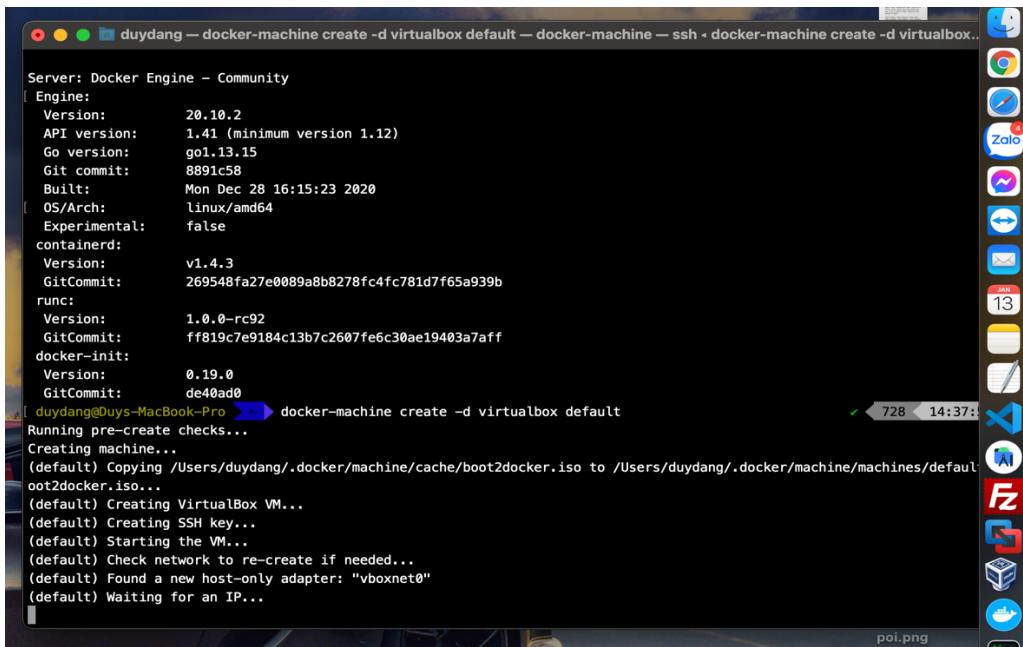
CÔNG CỤ VÀ MÔI TRƯỜNG PHÁT TRIỂN PHẦN MỀM DOCKER

1. Cài Docker, tạo và start Docker Machine tên default chạy trên VirtualBox, pull, run test từ image hello-world

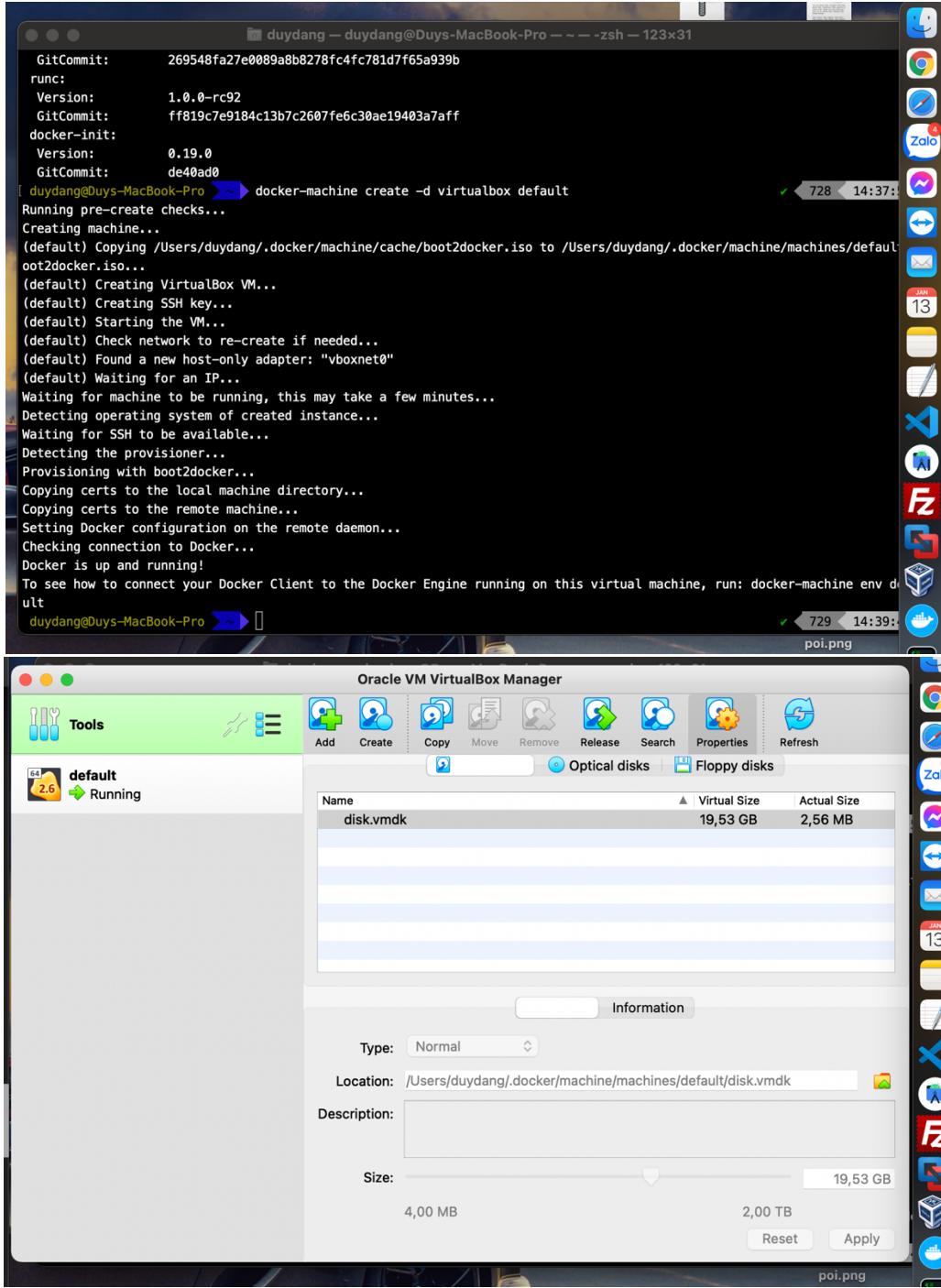


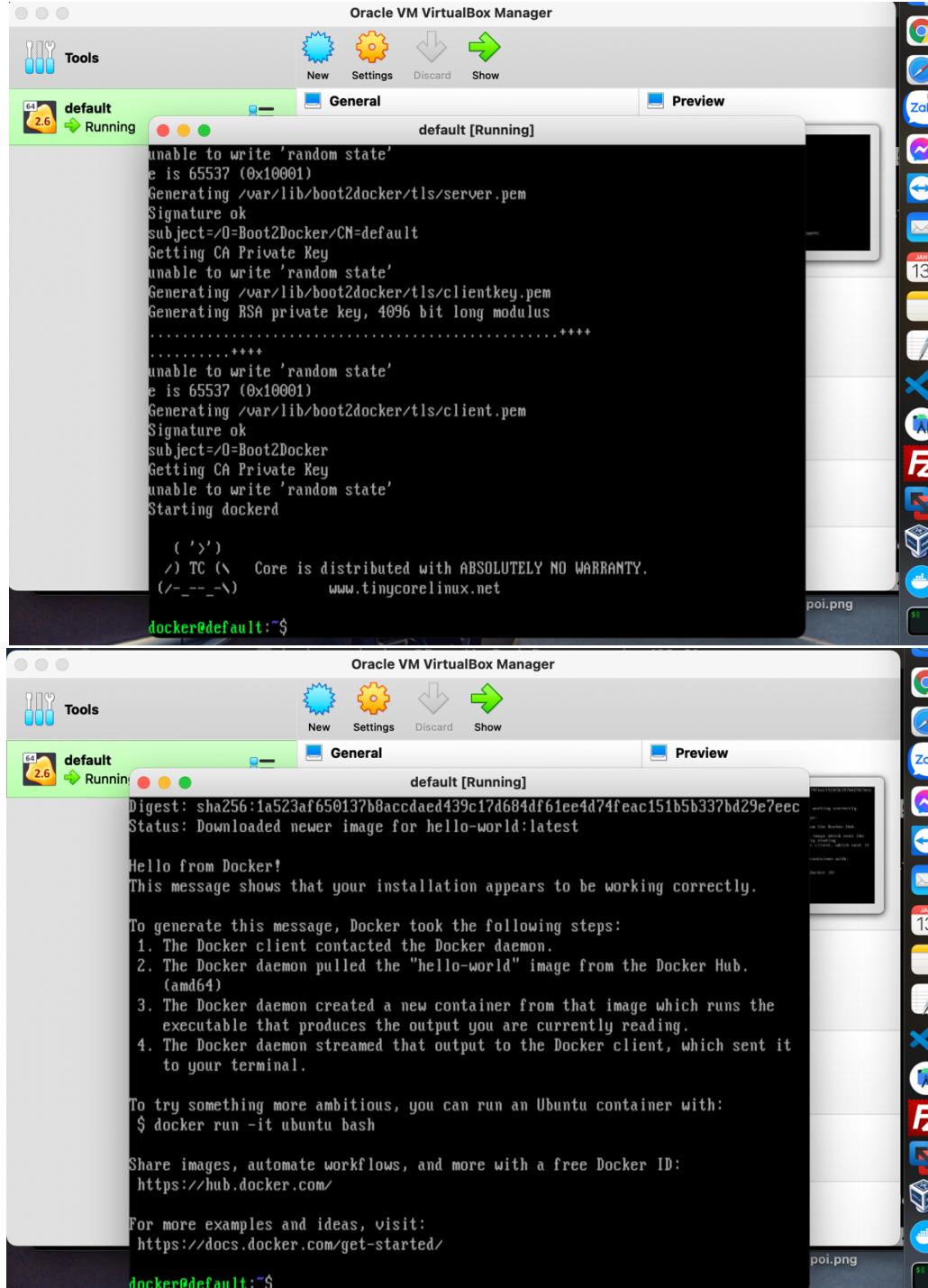
```
duyhang@Duyhs-MacBook-Pro ~ docker version
Client: Docker Engine - Community
Cloud integration: 1.0.4
Version:           20.10.2
API version:      1.41
Go version:       go1.13.15
Git commit:        2291f61
Built:             Mon Dec 28 16:12:42 2020
OS/Arch:           darwin/amd64
Context:           default
Experimental:     true

Server: Docker Engine - Community
[Engine]
  Version:          20.10.2
  API version:     1.41 (minimum version 1.12)
  Go version:      go1.13.15
  Git commit:      8891c58
  Built:            Mon Dec 28 16:15:23 2020
  OS/Arch:          linux/amd64
  Experimental:    false
[Containerd]
  Version:          v1.4.3
  GitCommit:        269548fa27e0089a8b8278fc4fc781d7f65a939b
[runc]
  Version:          1.0.0-rc92
  GitCommit:        ff819c7e9184c13b7c2607fe6c30ae19403a7aff
[docker-init]
  Version:          0.19.0
  GitCommit:        de40ad0
duyhang@Duyhs-MacBook-Pro ~
```

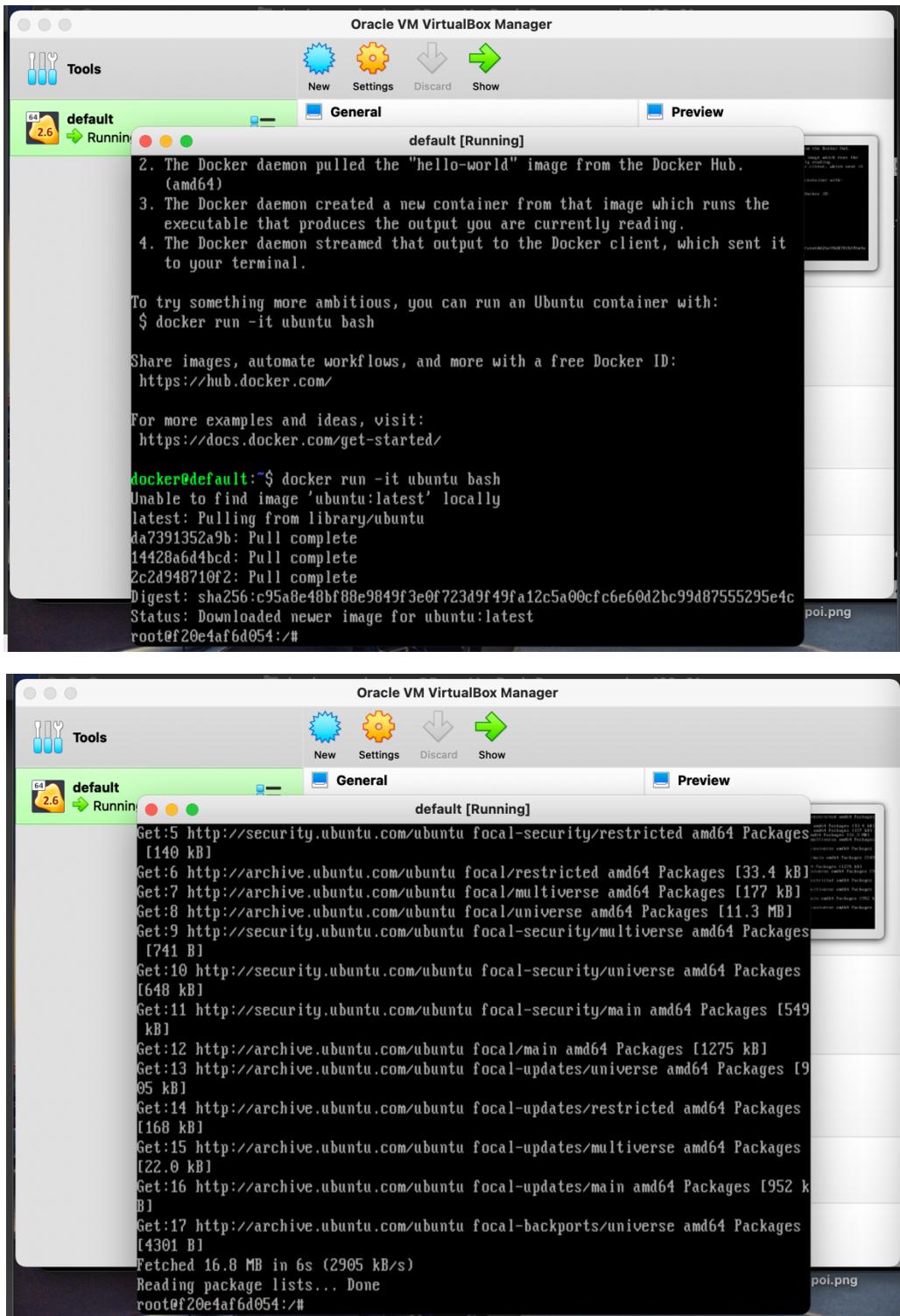


```
duyhang@Duyhs-MacBook-Pro ~ docker-machine create -d virtualbox default
Running pre-create checks...
Creating machine...
(default) Copying /Users/duyhang/.docker/machine/cache/boot2docker.iso to /Users/duyhang/.docker/machine/machines/default/boot2docker.iso...
(default) Creating VirtualBox VM...
(default) Creating SSH key...
(default) Starting the VM...
(default) Check network to re-create if needed...
(default) Found a new host-only adapter: "vboxnet0"
(default) Waiting for an IP...
```

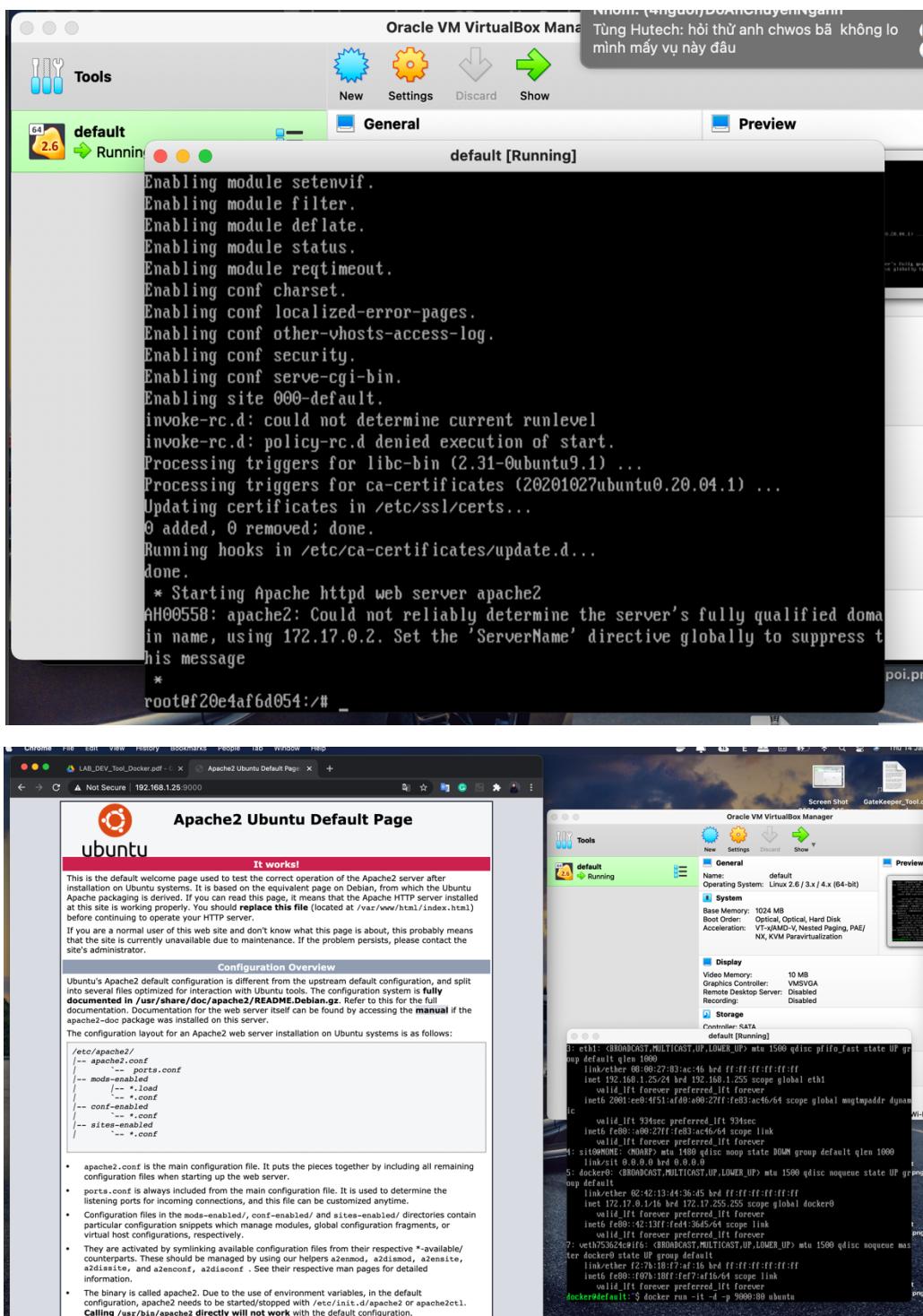




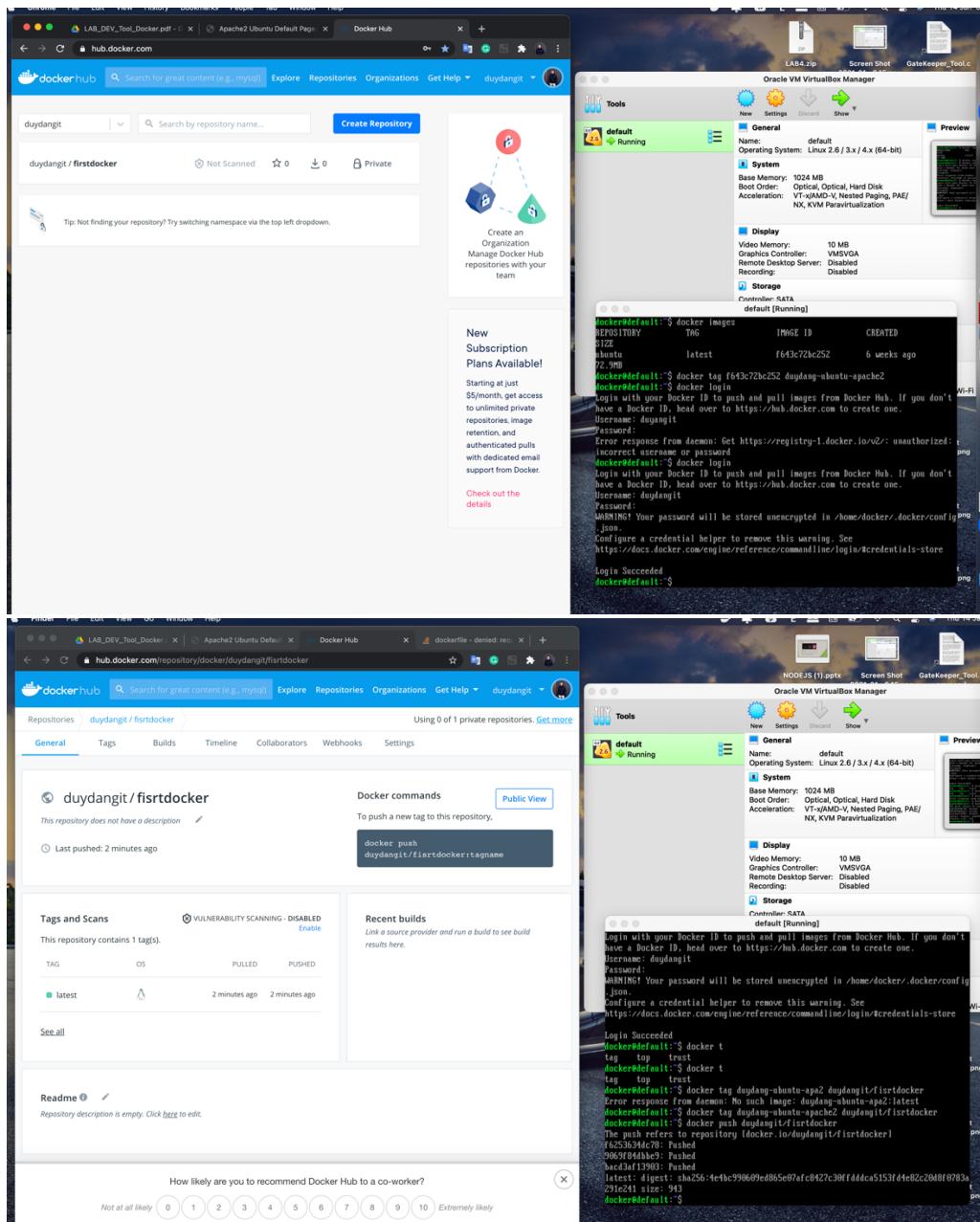
2. Tạo và run một container từ image ubuntu



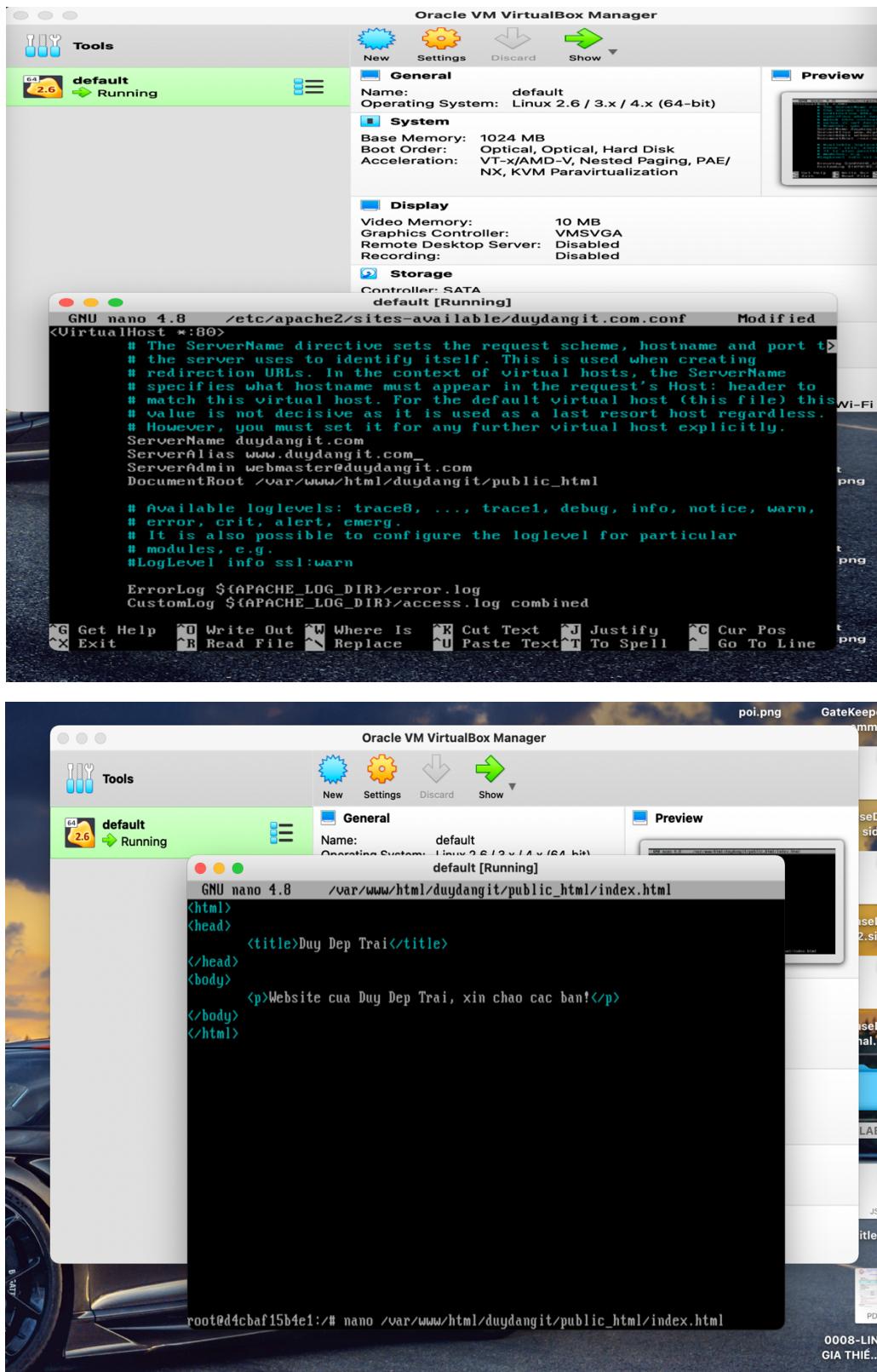
3. Cài đặt apache2 và start dịch vụ web server apache2 lên, truy cập web qua port 9000

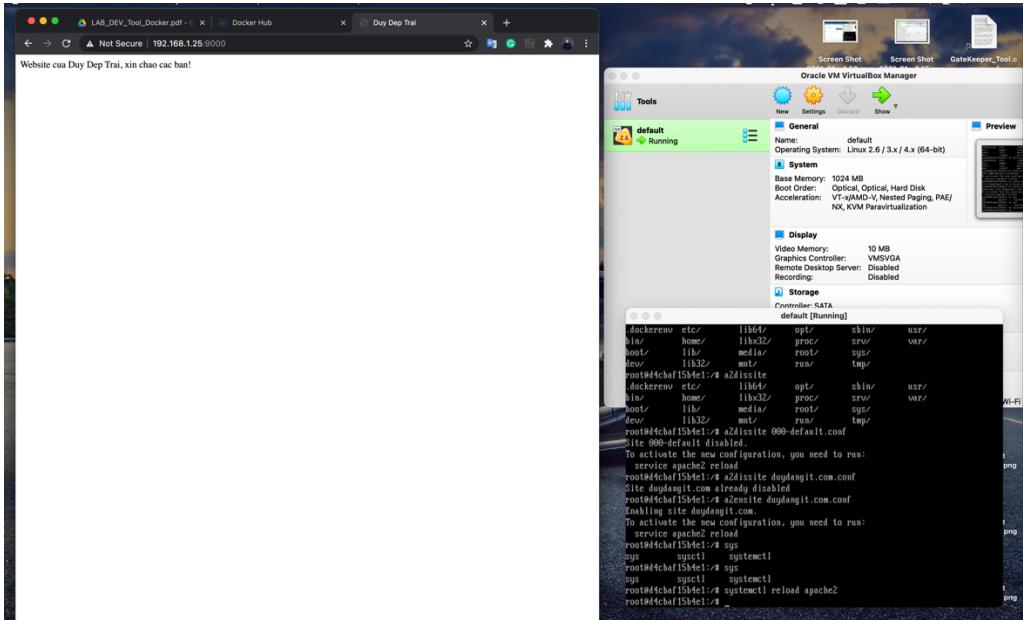
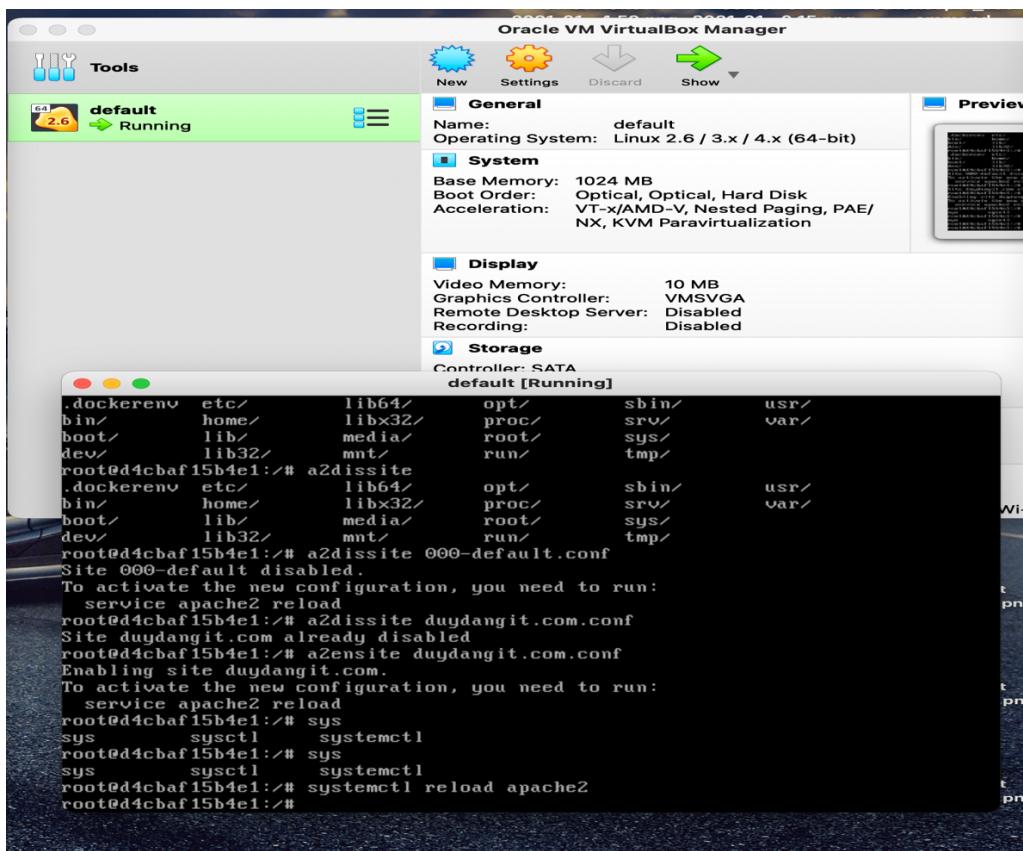


4. Đăng ký tài khoản và tạo repo, tiến hành đặt tag cho image và push image lên repo

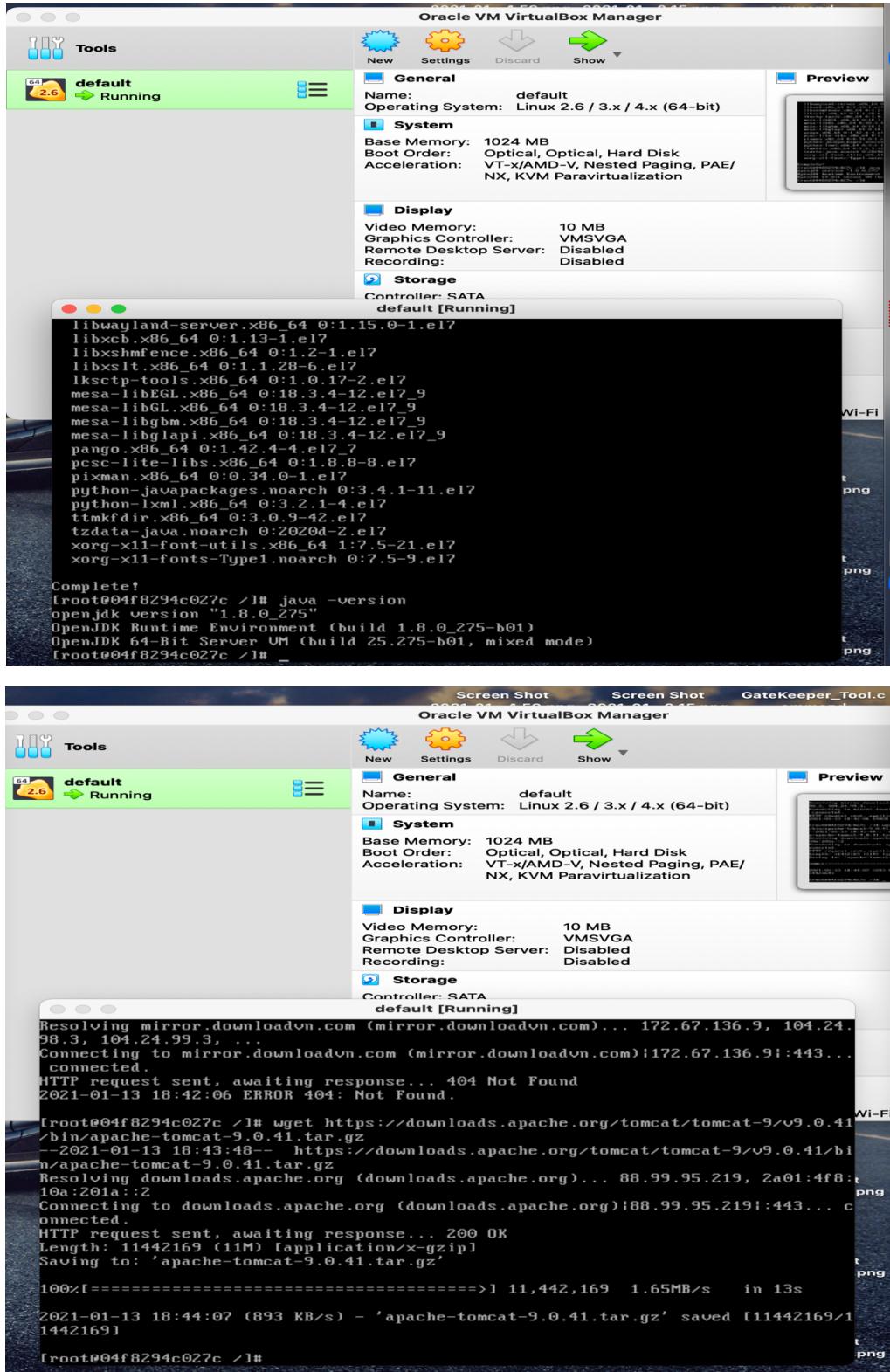


5. Thay đổi nội dung trang web rồi restart lại apache2 server

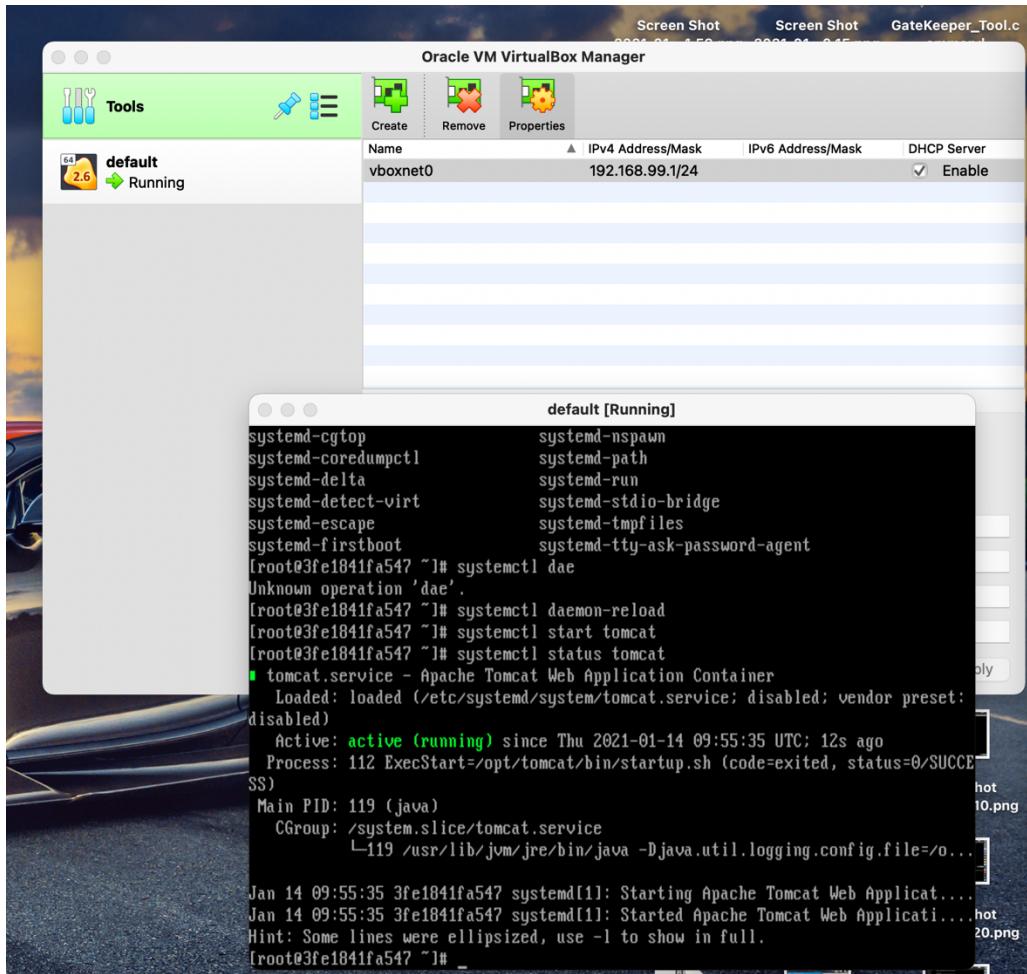




6. Tạo mới một container từ image centos:7 (Centos version 7), cài đặt và cấu hình tomcat server (java)







<!--The End-->