



[root@server1 ~]# docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
153183383c8f	portainer/portainer	"/portainer"	18 hours ago
Up About an hour	0.0.0.0:9000->9000/tcp	carlos_portainer	

[root@server1 ~]# docker run -d --restart=unless-stopped -p 8080:8080 rancher/server:stable

Unable to find image 'rancher/server:stable' locally
 stable: Pulling from rancher/server
 bae382666908: Pull complete
 29ede3c02ff2: Pull complete
 da4e69f33106: Pull complete
 8d43e5f5d27f: Pull complete
 b0de1abb17d6: Pull complete
 422f47db4517: Pull complete
 79d37de643ce: Pull complete
 69d13e08a4fe: Pull complete
 2ddfd3c6a2b7: Pull complete
 bc433fed3823: Pull complete
 b82e188df556: Pull complete
 dae2802428a4: Pull complete
 01ee44ee6d74: Pull complete
 58edc581941f: Pull complete
 960cf05fd0a8: Pull complete
 2b5c34b98b97: Pull complete
 2d0f458c8fc5: Pull complete
 d6fce1097c48: Pull complete
 ec83022d1440: Pull complete
 85f60d8757b0: Pull complete
 4c1a7eb62732: Pull complete
 Digest: sha256:2e53f0731ea82e1bce4bd77df26a98c5b26510c84fd8916f956424b4c2158472
 Status: Downloaded newer image for rancher/server:stable
 9e6b1d8f0bd66a59848c59b38cc787037e30320aadae0e937adf39cac9436324

[root@server1 ~]# docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
9e6b1d8f0bd6	rancher/server:stable	"/usr/bin/entry /usr..."	41 seconds ago
Up 40 seconds	3306/tcp, 0.0.0.0:8080->8080/tcp	affectionate_boyd	
153183383c8f	portainer/portainer	"/portainer"	24 hours ago
Up 22 minutes	0.0.0.0:9000->9000/tcp	carlos_portainer	

[root@server1 ~]# docker rename affectionate_boyd carlos_rancher

[root@server1 ~]# docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
<u>9e6b1d8f0bd6</u>	<u>rancher/server:stable</u>	<u>"/usr/bin/entry /usr..."</u>	<u>About a minute ago</u>
Up About a minute	3306/tcp, 0.0.0.0:8080->8080/tcp	carlos_rancher	
153183383c8f	portainer/portainer	"/portainer"	24 hours ago
Up 23 minutes	0.0.0.0:9000->9000/tcp	carlos_portainer	

[root@server1 ~]# ip a |grep docker

4: docker0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP
 group default
 inet **172.17.0.1/16** brd 172.17.255.255 scope global docker0

```
[root@server1 ~]# firewall-cmd --zone=public --add-port=8080/tcp --permanent
SUCCESS
[root@server1 ~]# firewall-cmd --reload
SUCCESS
[root@server1 ~]# firewall-cmd --list-ports
8080/tcp
```

> Ruta Anfitrión ipv4 -temporal-

```
hp redhat # ip route add 172.17.0.0/24 dev eno1
```

```
hp redhat # ip route
```

```
default via 192.168.1.1 dev eno1 proto static metric 100
172.17.0.0/24 dev eno1 scope link
192.168.1.0/24 dev eno1 proto kernel scope link src 192.168.1.250 metric 100
192.168.122.0/24 dev virbr0 proto kernel scope link src 192.168.122.1
```

> Ruta Anfitrión ipv4 -definitiva-

```
hp redhat # nmcli connection modify eno1 ipv4.routes 172.17.0.0/24
```

```
hp redhat # nmcli connection down eno1
```

```
La conexión 'eno1' fue desactivada correctamente (ruta activa D-Bus:
/org/freedesktop/NetworkManager/ActiveConnection/4)
```

```
hp redhat # nmcli connection up eno1
```

```
Conexión activada con éxito (D-Bus active path:
/org/freedesktop/NetworkManager/ActiveConnection/5)
```

```
hp redhat # ip route
```

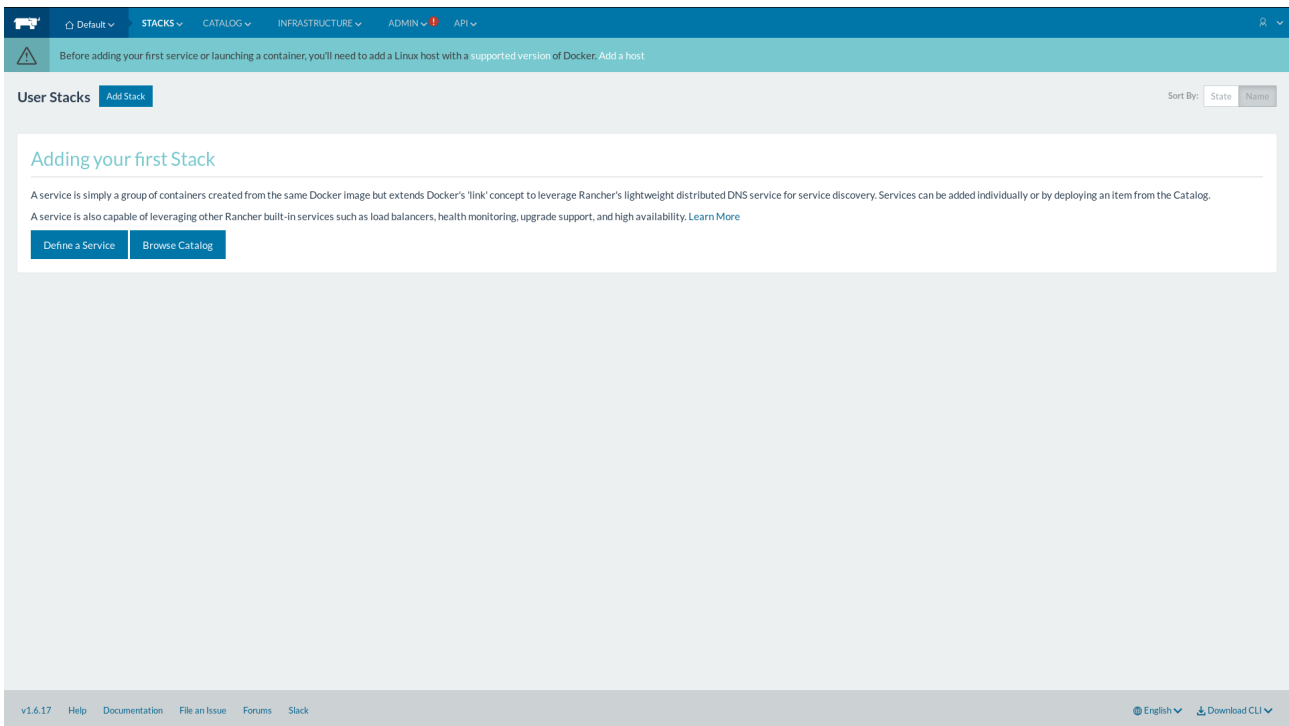
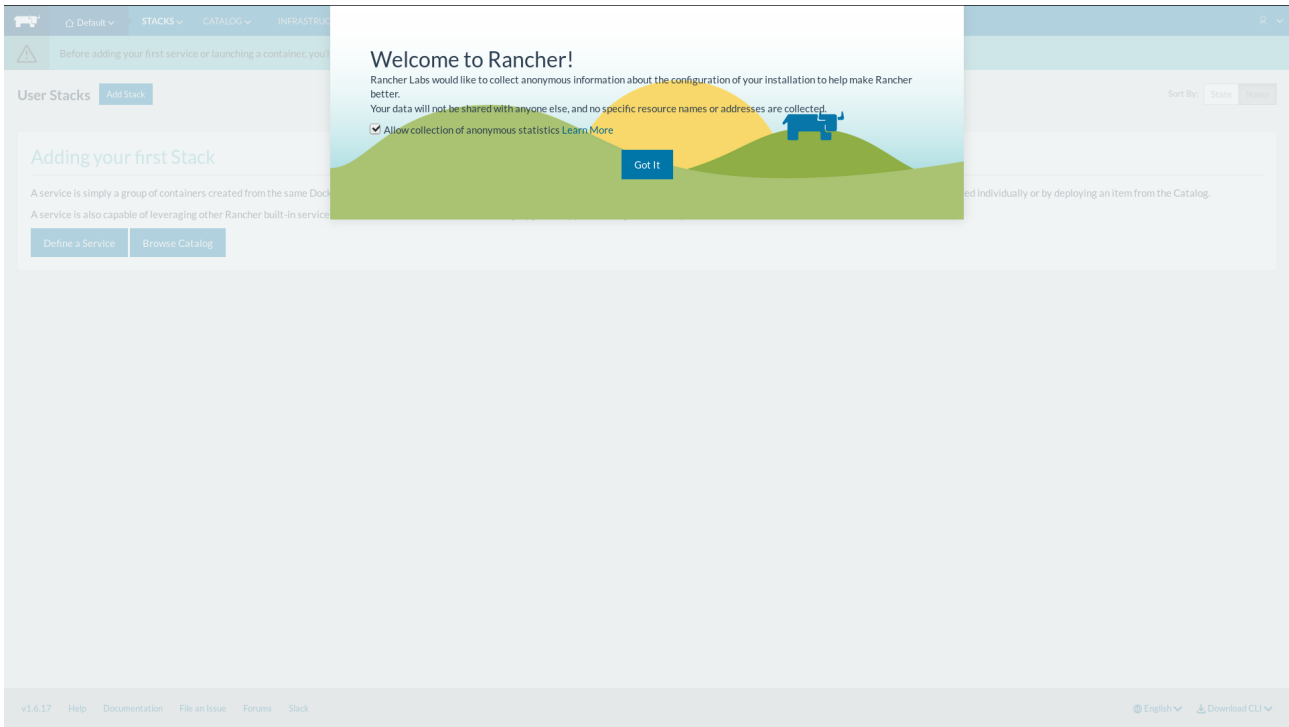
```
default via 192.168.1.1 dev eno1 proto static metric 100
172.17.0.0/24 dev eno1 proto static scope link metric 100
192.168.1.0/24 dev eno1 proto kernel scope link src 192.168.1.250 metric 100
192.168.122.0/24 dev virbr0 proto kernel scope link src 192.168.122.1
```

```
hp redhat # cat /etc/sysconfig/network-scripts/route-eno1
```

```
ADDRESS0=172.17.0.0
NETMASK0=255.255.255.0
```



http://172.17.0.1:8080



The screenshot shows the Rancher Catalog interface. At the top, there are navigation tabs: Default, STACKS, CATALOG, INFRASTRUCTURE, ADMIN, and API. A warning message states: "Before adding your first service or launching a container, you'll need to add a Linux host with a supported version of Docker. Add a host". Below this, the "Catalog: All" section is displayed with a search bar and a "Manage" button. The catalog contains a grid of service cards, each with a logo, name, description, and a "View Details" button. Services include Alfresco, Alibaba Cloud DNS, Apache Guacamole, Apache Kafka, Apache Zookeeper, Aqua, JFrog Artifactory, asclinema-org, AutoSpotting, Avi Vantage Platform, AWS Spot Instance Helper, Bind9 Domain Name Server, Bitbucket, Cloud9, CloudFlare DNS, Concrete5, Confluence, and Consul Cluster.

The screenshot shows the "Hosts: Add Host" screen in Rancher. At the top, the same navigation tabs and warning message are present. Below, there are icons for available machine drivers: Custom (checked), Amazon EC2, Azure, DigitalOcean, and Packet. A "Manage available machine drivers" link is provided. A numbered list of instructions guides the user through the process:

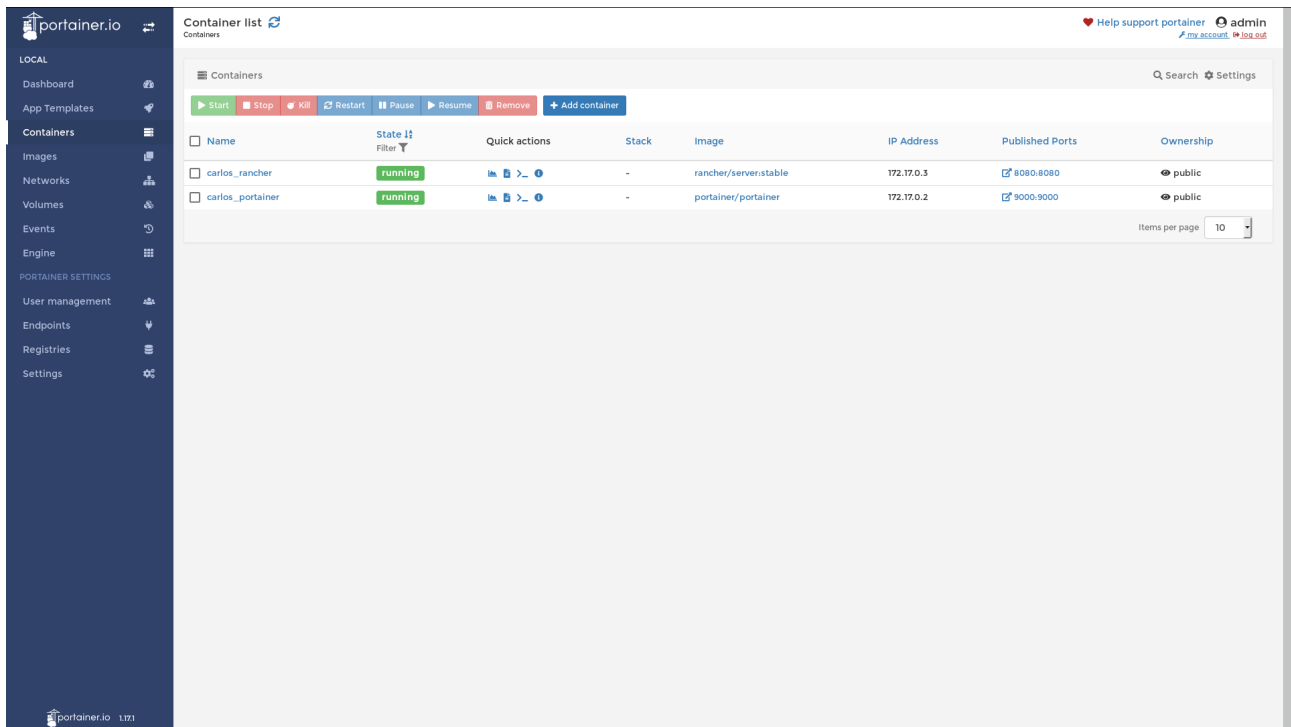
- 1 Start up a Linux machine somewhere and install a supported version of Docker on it.
- 2 Make sure any security groups or firewalls allow traffic:
 - From and To all other hosts on UDP ports 500 and 4500 (for IPsec networking)
- 3 Optional: Add labels to be applied to the host.
+ Add Label
- 4 Specify the public IP that should be registered for this host. If left empty, Rancher will auto-detect the IP to use. This generally works for machines with unique public IPs, but will not work if the machine is behind a firewall/NAT or if it is the same machine that is running the rancher/server container.
- 5 Copy, paste, and run the command below to register the host with Rancher:

```
sudo docker run --rm --privileged -v /var/run/docker.sock:/var/run/docker.sock -v /var/lib/rancher:/var/lib/rancher rancher/agent:v1.2.10 http://172.17.0.1:8080/V1/scr1pEs/9EFG70D49E2E44181E5B:1514679499999:FzjD8uUd0S9hL8Bk3LVqtkXXE
```
- 6 Click close below. The new host should pop up on the Hosts screen within a minute.

A "Close" button is located at the bottom of the instructions.



http://172.17.0.1:9090



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