

```
ubuntu@ip-172-31-35-216:~$ apt update
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@3a99da9c0ab5:/# exit
exit
ubuntu@ip-172-31-35-216:~$ docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 61b2756d6fa9 2 weeks ago 78.1MB
ubuntu@ip-172-31-35-216:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
3a99da9c0ab5 ubuntu "/bin/bash" 3 minutes ago Up 3 minutes 0.0.0.0:80->80/tcp, :::80->80/tcp determined_noyce
ubuntu@ip-172-31-35-216:~$ docker commit -m "deploy apache2" 3a99da9c0ab5 ubuntu:v2
sha256:64d5095608b61e6980cb54ff0cce30b21c009ae5c4ca2a862f40773ab29754b
ubuntu@ip-172-31-35-216:~$ docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu v2 64d5095608b6 6 seconds ago 225MB
ubuntu latest 61b2756d6fa9 2 weeks ago 78.1MB
ubuntu@ip-172-31-35-216:~$ docker run -itd ubuntu:v2
b70f1cb17541d7e709c69ed140babbde3f27e67a52a9d696dec25e044ce7c1a4
ubuntu@ip-172-31-35-216:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
b70f1cb17541 ubuntu:v2 "/bin/bash" 7 seconds ago Up 7 seconds 80/tcp lucid_shockley
3a99da9c0ab5 ubuntu "/bin/bash" 6 minutes ago Up 6 minutes 0.0.0.0:80->80/tcp, :::80->80/tcp determined_noyce
ubuntu@ip-172-31-35-216:~$ docker rm -f b70f1cb17541 3a99da9c0ab5
b70f1cb17541
3a99da9c0ab5
ubuntu@ip-172-31-35-216:~$ docker run -itd -p 81:80 ubuntu:v1
Unable to find image 'ubuntu:v1' locally
docker: Error response from daemon: manifest for ubuntu:v1 not found: manifest unknown: manifest unknown.
See 'docker run --help'.
ubuntu@ip-172-31-35-216:~$ docker run -itd -p 81:80 ubuntu:v2
e389b5d2dd469c9494c64a3034b465ca47ce037d334a42737035016f9842ce8b
ubuntu@ip-172-31-35-216:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
e389b5d2dd46 ubuntu:v2 "/bin/bash" 6 seconds ago Up 5 seconds 0.0.0.0:81->80/tcp, [::]:81->80/tcp distracted_murdock
ubuntu@ip-172-31-35-216:~$ |

root@e389b5d2dd46:/# exit
exit
ubuntu@ip-172-31-35-216:~$ docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 61b2756d6fa9 2 weeks ago 78.1MB
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b70f1cb17541
3a99da9c0ab5
ubuntu@ip-172-31-35-216:~$ docker run -itd -p 81:80 ubuntu:v1
Unable to find image 'ubuntu:v1' locally
docker: Error response from daemon: manifest for ubuntu:v1 not found: manifest unknown: manifest unknown.
See 'docker run --help'.
ubuntu@ip-172-31-35-216:~$ docker run -itd -p 81:80 ubuntu:v2
e389b5d2dd469c9494c64a3034b465ca47ce037d334a42737035016f9842ce8b
ubuntu@ip-172-31-35-216:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
e389b5d2dd46 ubuntu:v2 "/bin/bash" 6 seconds ago Up 5 seconds 0.0.0.0:81->80/tcp, [::]:81->80/tcp distracted_murdock
ubuntu@ip-172-31-35-216:~$ docker exec -it e389b5d2dd46 /bin/bash
root@e389b5d2dd46:/# service apache2 status
* apache2 is not running
root@e389b5d2dd46:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
*
root@e389b5d2dd46:/#
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```
sudo docker ps
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```
sudo docker image ls
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```
docker commit -m "deploy apache2" 3199da9c0ab5 ubuntu:v2
```

```
sudo docker image ls
```

```
sudo docker run -itd -p 81:80 ubuntu:v2
```

```
sudo docker ps
```

```
sudo docker exec -it a3f2743ccf70 bash
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### Inside Container

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service apache2 status
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```
service apache2 start
```

```
service apache2 status
```