

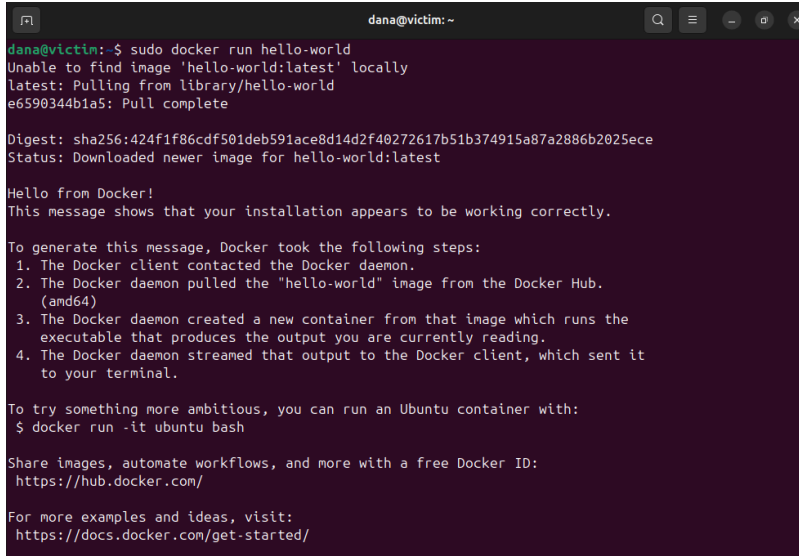
```
#instalare docker din ubuntu desktop
sudo apt update
sudo apt upgrade

sudo apt install ca-certificates curl gnupg lsb-release -y

sudo mkdir -p /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-
archive-keyring.gpg

echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg]
https://download.docker.com/linux/ubuntu \
$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

sudo apt update
sudo apt install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin -y
sudo docker run hello-world
```



```
dana@victim: ~
dana@victim:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
e6590344b1a5: Pull complete
Digest: sha256:424f1f86cdf501deb591ace8d14d2f40272617b51b374915a87a2886b2025ece
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

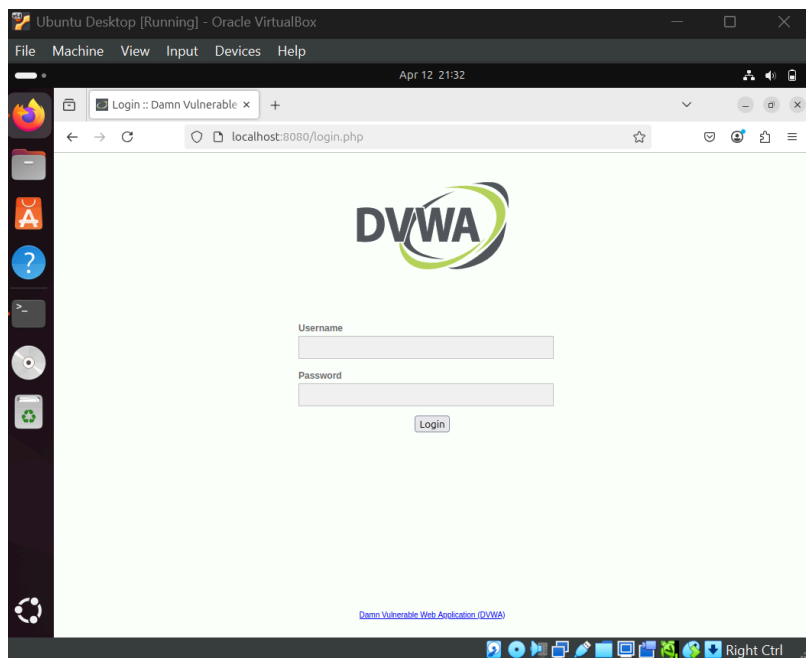
For more examples and ideas, visit:
https://docs.docker.com/get-started/
```

```
sudo docker run --rm -it -p 8080:80 vulnerables/web-dvwa #apoi accesam din browser
```

```
Ubuntu Desktop [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Apr 12 21:31
dana@victim:~$ sudo docker run --rm -it -p 8080:80 vulnerables/web-dvwa
Unable to find image 'vulnerables/web-dvwa:latest' locally
latest: Pulling from vulnerables/web-dvwa
3e17c6eae66c: Pull complete
0c57df616dbf: Pull complete
eb05d18be401: Pull complete
e9968e5981d2: Pull complete
2cd72dba8257: Pull complete
6cff5f35147f: Pull complete
098cfff43466: Pull complete
b3d64a33242d: Pull complete
Digest: sha256:dae203fe11646a86937bf04db0079adef295f426da68a92b40e3b181f337daa7
Status: Downloaded newer image for vulnerables/web-dvwa:latest
[+] Starting mysql...
[ok] Starting MariaDB database server: mysqld ..
[+] Starting apache
[....] Starting Apache httpd web server: apache2AH00558: apache2: Could not reliably determine th
e server's fully qualified domain name, using 172.17.0.2. Set the 'ServerName' directive globally
to suppress this message
. ok
==> /var/log/apache2/access.log <==

==> /var/log/apache2/error.log <==
[Sat Apr 12 21:31:09.405447 2025] [mpm_prefork:notice] [pid 313] AH00163: Apache/2.4.25 (Debian)
configured -- resuming normal operations
[Sat Apr 12 21:31:09.405541 2025] [core:notice] [pid 313] AH00094: Command line: '/usr/sbin/apach
e2'

==> /var/log/apache2/other_vhosts_access.log <==
```



```
#exista posibilitatea de a rula mai multe aplicatii in paralel (docker-compose.yml)
#--rm sterge containerul dupa oprire, deci daca vrem sa pastram datele salvate in DVWA (pt acest exemplu),
modificam comanda

#pt verificare, incercam sa accesam acest DVWA care ruleaza pe Ubuntu Desktop de pe Kali
ip a #verific ip ul lui UD = 192.168.8.162
#facem ping
```

```
ana@victim:~$ ip a
: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:ef:c5:6c brd ff:ff:ff:ff:ff:ff
    inet 192.168.8.162/24 brd 192.168.8.255 scope global dynamic noprefixroute enp0s3
```

kali-linux-2024.3-virtualbox-amd64 [Running] - Oracle VirtualBox

File Machine View Input Devices Help

1 2 3 4

kali@kali: ~

File Actions Edit View Help

zsh: corrupt history file /home/kali/.zsh_history

(kali@kali)~

\$ ping 192.168.8.162

```
PING 192.168.8.162 (192.168.8.162) 56(84) bytes of data.
64 bytes from 192.168.8.162: icmp_seq=1 ttl=64 time=3.07 ms
64 bytes from 192.168.8.162: icmp_seq=2 ttl=64 time=2.12 ms
64 bytes from 192.168.8.162: icmp_seq=3 ttl=64 time=1.62 ms
64 bytes from 192.168.8.162: icmp_seq=4 ttl=64 time=1.23 ms
64 bytes from 192.168.8.162: icmp_seq=5 ttl=64 time=3.65 ms
```

kali-linux-2024.3-virtualbox-amd64 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

1 2 3 4

File Actions Edit View Help

192.168.8.162: icmp_seq=1 ttl=64 time=3.07 ms

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Password

Login

DVWA Version: 3.9.0 (2024-03-08)

12:41 AM 4/13/2025