

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ apt-get- update
```

Comando 'apt-get-' não encontrado, você quis dizer:

comando 'apt-get' do deb apt (2.0.9)

Experimente: sudo apt install <deb name>

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ apt-get update
```

Lendo listas de pacotes... Pronto

E: Não foi possível abrir arquivo de trava /var/lib/apt/lists/lock - open (13: Permissão negada)

E: Impossível criar acesso exclusivo ao directório /var/lib/apt/lists/

W: Problema ao remover o link do ficheiro /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permissão negada)

W: Problema ao remover o link do ficheiro /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permissão negada)

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ sudo -i
```

[sudo] senha para lucasxubuntu:

```
root@lucasxubuntu-VirtualBox:~# apt-get update
```

Atingido:1 http://br.archive.ubuntu.com/ubuntu focal InRelease

Obter:2 http://br.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]

Obter:3 https://download.docker.com/linux/ubuntu focal InRelease [57,7 kB]

Obter:4 http://br.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]

Obter:5 http://br.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2.613 kB]

Obter:6 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages [30,3 kB]

Obter:7 http://br.archive.ubuntu.com/ubuntu focal-updates/main i386 Packages [837 kB]

Obter:8 http://br.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [440 kB]

Obter:9 http://br.archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metadata [275 kB]

Obter:10 http://br.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [16,8 kB]

Obter:11 http://br.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1.937 kB]

Obter:12 http://br.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [273 kB]

Obter:13 http://br.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [1.070 kB]

Obter:14 http://br.archive.ubuntu.com/ubuntu focal-updates/universe i386 Packages [731 kB]

Obter:15 http://br.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [255 kB]

Obter:16 http://br.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 Metadata [410 kB]

Obter:17 http://br.archive.ubuntu.com/ubuntu focal-updates/universe DEP-11 48x48 Icons [277 kB]

Obter:18 http://br.archive.ubuntu.com/ubuntu focal-updates/universe DEP-11 64x64 Icons [488 kB]

Obter:19 http://br.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [25,0 kB]

Obter:20 http://br.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11 Metadata [944 B]

Obter:21 http://br.archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [45,7 kB]

Obter:22 http://br.archive.ubuntu.com/ubuntu focal-backports/main i386 Packages [36,1 kB]

Obter:23 http://br.archive.ubuntu.com/ubuntu focal-backports/main amd64 DEP-11 Metadata [7.992 B]

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Obter:24 http://br.archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1.420 B]
Obter:25 http://br.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [25,0 kB]
Obter:26 http://br.archive.ubuntu.com/ubuntu focal-backports/universe i386 Packages [13,8 kB]
Obter:27 http://br.archive.ubuntu.com/ubuntu focal-backports/universe amd64 DEP-11 Metadata [30,5 kB]
Obter:28 http://br.archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [880 B]
Obter:29 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Obter:30 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [2.232 kB]
Obter:31 http://security.ubuntu.com/ubuntu focal-security/main i386 Packages [607 kB]
Obter:32 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [358 kB]
Obter:33 http://security.ubuntu.com/ubuntu focal-security/main amd64 DEP-11 Metadata [59,8 kB]
Obter:34 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [13,0 kB]
Obter:35 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1.833 kB]
Obter:36 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [256 kB]
Obter:37 http://security.ubuntu.com/ubuntu focal-security/universe i386 Packages [601 kB]
Obter:38 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [844 kB]
Obter:39 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [174 kB]
Obter:40 http://security.ubuntu.com/ubuntu focal-security/universe amd64 DEP-11 Metadata [95,3 kB]
Obter:41 http://security.ubuntu.com/ubuntu focal-security/universe DEP-11 48x48 Icons [48,3 kB]
Obter:42 http://security.ubuntu.com/ubuntu focal-security/universe DEP-11 64x64 Icons [94,8 kB]
Obter:43 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [18,5 kB]
Obter:44 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 DEP-11 Metadata [940 B]
Baixados 17,5 MB em 11s (1.627 kB/s)
Lendo listas de pacotes... Pronto
root@lucasxubuntu-VirtualBox:~# apt-get install docker.io
Lendo listas de pacotes... Pronto
Construindo árvore de dependências
Lendo informação de estado... Pronto
Alguns pacotes não puderam ser instalados. Isto pode significar que
você solicitou uma situação impossível ou, se você está usando a
distribuição instável, que alguns pacotes requeridos não foram
criados ainda ou foram retirados da "Incoming".
A informação a seguir pode ajudar a resolver a situação:

Os pacotes a seguir têm dependências desencontradas:
 docker.io : Depende: containerd (>= 1.2.6-0ubuntu1~)
E: Impossível corrigir problemas, você manteve (hold) pacotes quebrados.
root@lucasxubuntu-VirtualBox:~# docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
f03b40093957: Pull complete
```

```

f03b40093957: Pull complete
eed12bbd6494: Pull complete
fa7eb8c8eee8: Pull complete
7ff3b2b12318: Pull complete
0f67c7de5f2c: Pull complete
831f51541d38: Pull complete
Digest: sha256:af296b188c7b7df99ba960ca614439c99cb7cf252ed7bbc23e90cfd59092305
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
root@lucasxubuntu-VirtualBox:~# docker images
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
docker-registry-username/ubuntu-nodejs   latest      895a40f3d03c     6 days ago     202MB
lucas/ubuntu-nodejs   latest      895a40f3d03c     6 days ago     202MB
lucas233dsp/ubuntu-nodejs   latest      895a40f3d03c     6 days ago     202MB
nginx                 latest      f9c14fe76d50     2 weeks ago    143MB
ubuntu                latest      1f6ddc1b2547     2 weeks ago    77.8MB
hello-world           latest      9c7a54a9a43c     5 weeks ago    13.3kB
root@lucasxubuntu-VirtualBox:~# docker run -d --name nginx-server -p 80:80 nginx
07ca26d1f2bb474a3758fc4d20b51baed99ff903a8f7082645ff1c6a909838d6
root@lucasxubuntu-VirtualBox:~# docker volume create nginx-data
nginx-data
root@lucasxubuntu-VirtualBox:~# docker volume inspect nginx-data
[
  {
    "CreatedAt": "2023-06-09T17:59:06-03:00",
    "Driver": "local",
    "Labels": null,
    "Mountpoint": "/var/lib/docker/volumes/nginx-data/_data",
    "Name": "nginx-data",
    "Options": null,
    "Scope": "local"
  }
]
root@lucasxubuntu-VirtualBox:~# ln -s /var/lib/docker/volumes/nginx-data/_data /nginx
root@lucasxubuntu-VirtualBox:~# docker run -d --name nginx-server -p 80:80 -v nginx-data:/usr/share/nginx/html nginx
docker: Error response from daemon: Conflict. The container name "/nginx-server" is already in use by container "07ca26d1f2bb474a3758fc4d20b51baed99ff903a8f7082645ff1c6a909838d6". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
root@lucasxubuntu-VirtualBox:~# docker run --help

```



```

root@lucasxubuntu-VirtualBox:~# docker stop nginx-server
nginx-server
root@lucasxubuntu-VirtualBox:~# docker rm nginx-server
nginx-server
root@lucasxubuntu-VirtualBox:~# docker run -d --name nginx-server -p 80:80 -v nginx-data:/usr/share/nginx/html nginx
1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
root@lucasxubuntu-VirtualBox:~# ls /var/lib/docker/volumes/nginx-data/_data
50x.html index.html
root@lucasxubuntu-VirtualBox:~# docker ps -a
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
1a5dcd042b4e   nginx    "/docker-entrypoint.…"   25 seconds ago Up 23 seconds  0.0.0.0:80->80/tcp, :::80->80/tcp  nginx-server
d75513be7036   ubuntu   "/bin/bash"             6 days ago    Exited (137) 6 days ago                               hardcore_spence
root@lucasxubuntu-VirtualBox:~# docker ps -a -f id=07ca26d1f2bb474a3758fc4d20b51baed99ff903a8f7082645ff1c6a909838d6
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
root@lucasxubuntu-VirtualBox:~# docker ps -a -f name=nginx-server
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
1a5dcd042b4e   nginx    "/docker-entrypoint.…"   4 minutes ago Up 4 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp  nginx-server
root@lucasxubuntu-VirtualBox:~# docker container stop 07ca26d1f2bb474a3758fc4d20b51baed99ff903a8f7082645ff1c6a909838d6
Error response from daemon: No such container: 07ca26d1f2bb474a3758fc4d20b51baed99ff903a8f7082645ff1c6a909838d6
root@lucasxubuntu-VirtualBox:~# docker ps -a -f id=1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
1a5dcd042b4e   nginx    "/docker-entrypoint.…"   8 minutes ago Up 8 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp  nginx-server
root@lucasxubuntu-VirtualBox:~# docker ps -a -f name=nginx-server
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
1a5dcd042b4e   nginx    "/docker-entrypoint.…"   10 minutes ago Up 10 minutes  0.0.0.0:80->80/tcp, :::80->80/tcp  nginx-server
root@lucasxubuntu-VirtualBox:~# docker container stop 1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
root@lucasxubuntu-VirtualBox:~# docker container stop nginx-server
nginx-server
root@lucasxubuntu-VirtualBox:~# docker container restart 1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
root@lucasxubuntu-VirtualBox:~# docker container restart nginx-server
nginx-server
root@lucasxubuntu-VirtualBox:~# docker logs 1a5dcd042b4e186848fe8b22791c374bc5477819230685a4ac957ea10b54f567
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf

```

```
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2023/06/09 21:12:16 [notice] 1#1: using the "epoll" event method
2023/06/09 21:12:16 [notice] 1#1: nginx/1.25.0
2023/06/09 21:12:16 [notice] 1#1: built by gcc 10.2.1 20210110 (Debian 10.2.1-6)
2023/06/09 21:12:16 [notice] 1#1: OS: Linux 5.15.0-72-generic
2023/06/09 21:12:16 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2023/06/09 21:12:16 [notice] 1#1: start worker processes
2023/06/09 21:12:16 [notice] 1#1: start worker process 28
2023/06/09 21:23:10 [notice] 1#1: signal 3 (SIGQUIT) received, shutting down
2023/06/09 21:23:10 [notice] 28#28: gracefully shutting down
2023/06/09 21:23:10 [notice] 28#28: exiting
2023/06/09 21:23:10 [notice] 28#28: exit
2023/06/09 21:23:11 [notice] 1#1: signal 17 (SIGCHLD) received from 28
2023/06/09 21:23:11 [notice] 1#1: worker process 28 exited with code 0
2023/06/09 21:23:11 [notice] 1#1: exit
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2023/06/09 21:24:30 [notice] 1#1: using the "epoll" event method
2023/06/09 21:24:30 [notice] 1#1: nginx/1.25.0
2023/06/09 21:24:30 [notice] 1#1: built by gcc 10.2.1 20210110 (Debian 10.2.1-6)
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2023/06/09 21:24:30 [notice] 1#1: start worker processes
2023/06/09 21:24:30 [notice] 1#1: start worker process 21
2023/06/09 21:24:50 [notice] 1#1: signal 3 (SIGQUIT) received, shutting down
2023/06/09 21:24:50 [notice] 21#21: gracefully shutting down
2023/06/09 21:24:50 [notice] 21#21: exiting
2023/06/09 21:24:50 [notice] 21#21: exit
2023/06/09 21:24:50 [notice] 1#1: signal 17 (SIGCHLD) received from 21
2023/06/09 21:24:50 [notice] 1#1: worker process 21 exited with code 0
2023/06/09 21:24:50 [notice] 1#1: exit
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
```



```
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2023/06/09 21:24:51 [notice] 1#1: using the "epoll" event method
2023/06/09 21:24:51 [notice] 1#1: nginx/1.25.0
2023/06/09 21:24:51 [notice] 1#1: built by gcc 10.2.1 20210110 (Debian 10.2.1-6)
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2023/06/09 21:24:51 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2023/06/09 21:24:51 [notice] 1#1: start worker processes
2023/06/09 21:24:51 [notice] 1#1: start worker process 21
root@lucasubuntu-VirtualBox:~# docker logs nginx-server
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
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2023/06/09 21:12:16 [notice] 1#1: start worker processes
2023/06/09 21:12:16 [notice] 1#1: start worker process 28
2023/06/09 21:23:10 [notice] 1#1: signal 3 (SIGQUIT) received, shutting down
2023/06/09 21:23:10 [notice] 28#28: gracefully shutting down
2023/06/09 21:23:10 [notice] 28#28: exiting
2023/06/09 21:23:10 [notice] 28#28: exit
2023/06/09 21:23:11 [notice] 1#1: signal 17 (SIGCHLD) received from 28
2023/06/09 21:23:11 [notice] 1#1: worker process 28 exited with code 0
2023/06/09 21:23:11 [notice] 1#1: exit
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
```

```
10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
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2023/06/09 21:24:30 [notice] 1#1: start worker processes
2023/06/09 21:24:30 [notice] 1#1: start worker process 21
2023/06/09 21:24:50 [notice] 1#1: signal 3 (SIGQUIT) received, shutting down
2023/06/09 21:24:50 [notice] 21#21: gracefully shutting down
2023/06/09 21:24:50 [notice] 21#21: exiting
2023/06/09 21:24:50 [notice] 21#21: exit
2023/06/09 21:24:50 [notice] 1#1: signal 17 (SIGCHLD) received from 21
2023/06/09 21:24:50 [notice] 1#1: worker process 21 exited with code 0
2023/06/09 21:24:50 [notice] 1#1: exit
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/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
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10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
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2023/06/09 21:24:51 [notice] 1#1: OS: Linux 5.15.0-72-generic
2023/06/09 21:24:51 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2023/06/09 21:24:51 [notice] 1#1: start worker processes
2023/06/09 21:24:51 [notice] 1#1: start worker process 21
root@lucaxubuntu-VirtualBox:~# sudo docker run -dp 80:80 -v nginx-data:/usr/share/nginx/html nginx
bece8c9167e41bc56f9bc0dfd30875b10702593916cd2c6f8ecf14f979dea20f
docker: Error response from daemon: driver failed programming external connectivity on endpoint nervous_gould (70d9ea6041fa6812355f0699b0bc26f76652bc609177dbcf38c47b9868a69c33): Bind for 0.0.0.0:80 failed: port is already allocated.
root@lucaxubuntu-VirtualBox:~# sudo docker run -dp 8080:80 -v nginx-data:/usr/share/nginx/html nginx
2c5c821edf627425c09be9db26aec419b0e9d43b509dcab468444030de5147e7
root@lucaxubuntu-VirtualBox:~#
```