```
root@linuxvm:~# docker ps
CONTAINER ID   IMAGE           COMMAND                CREATED          STATUS          PORTS                                         NAMES
af5e75f23495   php:apache      "docker-php-entrypoi…"  52 seconds ago   Up 51 seconds   0.0.0.0:8080->80/tcp, [::]:8080->80/tcp        sitio
dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s…"  48 minutes ago   Up 48 minutes   3306/tcp                                      mysqlll
root@linuxvm:~#
```


Not secure | 68.221.169.223:8080

Prueba de Servidor Web Alumno: Max Madrigal

Not secure | 68.221.169.223:8081

Prueba de Servidor Web Alumno: Max Madrigal

```
root@linuxvm:~# sudo docker-compose ps
    Name                   Command               State                    Ports
--------------------------------------------------------------------------------------------
misitiodb     docker-entrypoint.sh mariadbd    Up      3306/tcp
sitiodos      docker-php-entrypoint apac ...    Up      0.0.0.0:8081->80/tcp,:::8081->80/tcp
root@linuxvm:~# docker ps
CONTAINER ID   IMAGE           COMMAND                CREATED          STATUS          PORTS                                         NAMES
1ea7b1a93598   php:apache      "docker-php-entrypoi…"  3 minutes ago    Up 3 minutes    0.0.0.0:8081->80/tcp, [::]:8081->80/tcp        sitiodos
53eb65fde771   mariadb:latest  "docker-entrypoint.s…"  3 minutes ago    Up 3 minutes    3306/tcp                                      misitiodb
af5e75f23495   php:apache      "docker-php-entrypoi…"  7 minutes ago    Up 7 minutes    0.0.0.0:8080->80/tcp, [::]:8080->80/tcp        sitio
dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s…"  55 minutes ago   Up 55 minutes   3306/tcp                                      mysqlll
```

```
root@linuxvm:~# echo > Dockerfile
root@linuxvm:~# nano Dockerfile
root@linuxvm:~# cat Dockerfile
FROM php:8.1-apache
RUN apt-get update && apt-get install -y \
        libfreetype6-dev \
        libjpeg62-turbo-dev \
        libmcrypt-dev \
    libicu-dev \
     libxml2-dev \
    vim \
        wget \
        unzip \
    && docker-php-ext-install -j$(nproc) iconv intl opcache \
    && docker-php-ext-install -j$(nproc) gd \
    && docker-php-ext-install pdo_mysql exif gettext mysqli

root@linuxvm:~# docker build -t miprimeraimagen:v1 .
[+] Building 148.5s (6/6) FINISHED
 => [internal] load build definition from Dockerfile
 => => transferring dockerfile: 429B
 => [internal] load metadata for docker.io/library/php:8.1-apache
 => [internal] load .dockerignore
 => => transferring context: 2B
 => [1/2] FROM docker.io/library/php:8.1-apache@sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc0dde
 => => resolve docker.io/library/php:8.1-apache@sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc0dde
 => => sha256:6ace191ac8d0e3c4d1dc727e6d5c00424a48a1ab9d6aaf078dafe01e2a3169ac 3.64kB / 3.64kB
 => => sha256:1d5923881530ea76e6dee00efe753a158b8fa3ddeaa62f085da06c86d3d595fe 225B / 225B
 => => sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc0dde 10.40kB / 10.40kB
 => => sha256:80fb36fbb9aaa0103623e9e157481c7527b37b2ed084006fddccf8a78e0ca6f1 104.34MB / 104.34MB
 => => sha256:50977af08c78837b116895c022b32ed195d73e94e339c32901c0e8d27ca9a953 11.53kB / 11.53kB
 => => sha256:13ce8114bd056ed702ab3918154808f17fc19709880d196ad4178bcb7f6a577a 223B / 223B
 => => extracting sha256:1d5923881530ea76e6dee00efe753a158b8fa3ddeaa62f085da06c86d3d595fe
 => => sha256:335e019fcbe1b2240fff02029424ef93e4c1fda2fb2179b338cc5eb78de89e5a 20.12MB / 20.12MB
 => => sha256:b5f29cbf15823a2f985e291d9f2ca3d8013df1394ad63ddba1b195c6ab01404c 430B / 430B
 => => sha256:346805f9cf697be14cb6fea107cbd0301bbaf185f38edf77953f559f3072b854 479B / 479B
 => => extracting sha256:80fb36fbb9aaa0103623e9e157481c7527b37b2ed084006fddccf8a78e0ca6f1
 => => sha256:f9ed1285cc1d4329225e99b6a1fc351cfd4011313a07aa43bc9b3d73bafae0a6 487B / 487B
 => => sha256:bea11a31f10c9875f39a0da4f660929e04cd9c7c9a478ed232a3043e605608a5 11.98MB / 11.98MB
 => => sha256:c16ce22ed84dbc98de9a995b57c0e96095c1e37feb6dd820f2163355a63e4db9 11.15MB / 11.15MB
 => => sha256:f98ed6b150803e69bf91d0f403db49a9fce8d600bece18ead61f2e72bb6c1570 2.46kB / 2.46kB
 => => sha256:1088a6234d4b0065d944e2b2f9fcfa29d34eea126f9b7abc77fb54777d977da3 244B / 244B
 => => sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1 32B / 32B
 => => sha256:484d8f1f8c16c47033769853a3d20f001c2107fb0109e50c0879b861d912166c 891B / 891B
 => => extracting sha256:13ce8114bd056ed702ab3918154808f17fc19709880d196ad4178bcb7f6a577a
 => => extracting sha256:335e019fcbe1b2240fff02029424ef93e4c1fda2fb2179b338cc5eb78de89e5a
 => => extracting sha256:b5f29cbf15823a2f985e291d9f2ca3d8013df1394ad63ddba1b195c6ab01404c
 => => extracting sha256:346805f9cf697be14cb6fea107cbd0301bbaf185f38edf77953f559f3072b854
 => => extracting sha256:bea11a31f10c9875f39a0da4f660929e04cd9c7c9a478ed232a3043e605608a5
 => => extracting sha256:f9ed1285cc1d4329225e99b6a1fc351cfd4011313a07aa43bc9b3d73bafae0a6
 => => extracting sha256:c16ce22ed84dbc98de9a995b57c0e96095c1e37feb6dd820f2163355a63e4db9
 => => extracting sha256:f98ed6b150803e69bf91d0f403db49a9fce8d600bece18ead61f2e72bb6c1570
 => => extracting sha256:1088a6234d4b0065d944e2b2f9fcfa29d34eea126f9b7abc77fb54777d977da3
 => => extracting sha256:484d8f1f8c16c47033769853a3d20f001c2107fb0109e50c0879b861d912166c
 => => extracting sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1
 => [2/2] RUN apt-get update && apt-get install -y        libfreetype6-dev        libjpeg62-turbo-dev        libmcryp
 => exporting to image
 => => exporting layers
 => => writing image sha256:d823804b00cbd94d070fo3e732a8844cf447847e9e03fe9683b0b1daad5d07c2
 => => naming to docker.io/library/miprimeraimagen:v1
root@linuxvm:~#
```

login as: Max

Max@68.221.169.223's password:

Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1015-azure x86_64)

 * Documentation: https://help.ubuntu.com

 * Management: https://landscape.canonical.com

 * Support: https://ubuntu.com/pro

System information as of Fri Nov 8 23:39:46 UTC 2024

  System load: 0.09   Processes: 126

  Usage of /: 11.9% of 28.02GB   Users logged in: 0

  Memory usage: 5%   IPv4 address for eth0: 10.0.0.6

  Swap usage: 0%

Expanded Security Maintenance for Applications is enabled.

0 updates can be applied immediately.

The list of available updates is more than a week old.

To check for new updates run: sudo apt update

Last login: Tue Oct 1 19:53:22 2024 from 172.172.34.12

Max@linuxvm:~$ for pkg in docker.io docker-doc docker-compose docker-compose-v2 podman-docker containerd runc; do sudo apt-get remove $pkg; done

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'docker.io' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010

  linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure

  linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure

  linux-modules-6.8.0-1010-azure linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'docker-doc' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010

  linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure

  linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure

  linux-modules-6.8.0-1010-azure linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'docker-compose' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'docker-compose-v2' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'podman-docker' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'containerd' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

Package 'runc' is not installed, so not removed

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.

Max@linuxvm:~$ # Add Docker's official GPG key:

sudo apt-get update

```
sudo apt-get install ca-certificates curl

sudo install -m 0755 -d /etc/apt/keyrings

sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o
/etc/apt/keyrings/docker.asc

sudo chmod a+r /etc/apt/keyrings/docker.asc


# Add the repository to Apt sources:

echo \

  "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc]
https://download.docker.com/linux/ubuntu \

  $(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \

  sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

sudo apt-get update
```

Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease

Get:2 https://packages.microsoft.com/ubuntu/18.04/prod bionic InRelease [3638 B]

Get:3 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]

Get:4 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]

Get:5 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease [126 kB]

Get:6 https://esm.ubuntu.com/apps/ubuntu noble-apps-security InRelease [7532 B]

Get:7 https://esm.ubuntu.com/apps/ubuntu noble-apps-updates InRelease [7468 B]

Get:8 https://packages.microsoft.com/ubuntu/18.04/prod bionic/main amd64 Packages
[268 kB]

Get:9 https://esm.ubuntu.com/infra/ubuntu noble-infra-security InRelease [7462 B]

Get:10 https://packages.microsoft.com/ubuntu/18.04/prod bionic/main all Packages
[2395 B]

Get:11 https://esm.ubuntu.com/infra/ubuntu noble-infra-updates InRelease [7461 B]

Get:12 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [624 kB]

Get:13 http://azure.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [151 kB]

Get:14 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [114 kB]

Get:15 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [10.4 kB]

Get:16 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [716 kB]

Get:17 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [212 kB]

Get:18 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [309 kB]

Get:19 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]

Get:20 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [428 kB]

Get:21 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [82.7 kB]

Get:22 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]

Get:23 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [424 B]

Get:24 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [15.0 kB]

Get:25 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3820 B]

Get:26 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]

Get:27 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B]

Get:28 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]

Get:29 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [10.6 kB]

Get:30 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [10.8 kB]

Get:31 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [21.0 kB]

Get:32 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]

Get:33 http://azure.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]

Get:34 http://azure.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]

Get:35 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 Packages [456 kB]

Get:36 http://azure.archive.ubuntu.com/ubuntu noble-security/main Translation-en [97.2 kB]

Get:37 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 Components [7144 B]

Get:38 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [5892 B]

Get:39 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Packages [557 kB]

Get:40 http://azure.archive.ubuntu.com/ubuntu noble-security/universe Translation-en [149 kB]

Get:41 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]

Get:42 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]

Get:43 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [428 kB]

Get:44 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted Translation-en [82.7 kB]

Get:45 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]

Get:46 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 c-n-f Metadata [424 B]

Get:47 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [12.2 kB]

Get:48 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse Translation-en [2940 B]

Get:49 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]

Get:50 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [356 B]

Fetched 5280 kB in 2s (2759 kB/s)

Reading package lists... Done

W: https://packages.microsoft.com/ubuntu/18.04/prod/dists/bionic/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

ca-certificates is already the newest version (20240203).

ca-certificates set to manually installed.

curl is already the newest version (8.5.0-2ubuntu10.4).

curl set to manually installed.

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 30 not upgraded.

Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease

Hit:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease

Hit:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease

Get:4 https://download.docker.com/linux/ubuntu noble InRelease [48.8 kB]

Hit:5 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease

Hit:6 https://packages.microsoft.com/ubuntu/18.04/prod bionic InRelease

Hit:7 https://esm.ubuntu.com/apps/ubuntu noble-apps-security InRelease

Hit:8 https://esm.ubuntu.com/apps/ubuntu noble-apps-updates InRelease

Hit:9 https://esm.ubuntu.com/infra/ubuntu noble-infra-security InRelease

Hit:10 https://esm.ubuntu.com/infra/ubuntu noble-infra-updates InRelease

Get:11 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [15.3 kB]

Fetched 64.2 kB in 1s (52.1 kB/s)

Reading package lists… Done

W: https://packages.microsoft.com/ubuntu/18.04/prod/dists/bionic/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.

Max@linuxvm:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following packages were automatically installed and are no longer required:

  linux-azure-cloud-tools-6.8.0-1010 linux-azure-headers-6.8.0-1010 linux-azure-tools-6.8.0-1010 linux-cloud-tools-6.8.0-1010-azure linux-headers-6.8.0-1010-azure linux-image-6.8.0-1010-azure linux-modules-6.8.0-1010-azure

  linux-tools-6.8.0-1010-azure

Use 'sudo apt autoremove' to remove them.

The following additional packages will be installed:

  docker-ce-rootless-extras libltdl7 libslirp0 pigz slirp4netns

Suggested packages:

  aufs-tools cgroupfs-mount | cgroup-lite

The following NEW packages will be installed:

  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin libltdl7 libslirp0 pigz slirp4netns

0 upgraded, 10 newly installed, 0 to remove and 30 not upgraded.

Need to get 123 MB of archives.

After this operation, 442 MB of additional disk space will be used.

Do you want to continue? [Y/n] Y

Get:1 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]

Get:2 https://download.docker.com/linux/ubuntu noble/stable amd64 containerd.io amd64 1.7.22-1 [29.5 MB]

Get:3 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 libltdl7 amd64 2.4.7-7build1 [40.3 kB]

Get:4 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 libslirp0 amd64 4.7.0-1ubuntu3 [63.8 kB]

Get:5 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 slirp4netns amd64 1.2.1-1build2 [34.9 kB]

Get:6 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-buildx-plugin amd64 0.17.1-1~ubuntu.24.04~noble [30.3 MB]

Get:7 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-cli amd64 5:27.3.1-1~ubuntu.24.04~noble [15.0 MB]

Get:8 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce amd64 5:27.3.1-1~ubuntu.24.04~noble [25.6 MB]

Get:9 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-rootless-extras amd64 5:27.3.1-1~ubuntu.24.04~noble [9588 kB]

Get:10 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-compose-plugin amd64 2.29.7-1~ubuntu.24.04~noble [12.7 MB]

Fetched 123 MB in 1s (86.2 MB/s)

Selecting previously unselected package pigz.

(Reading database ... 119201 files and directories currently installed.)

Preparing to unpack .../0-pigz_2.8-1_amd64.deb ...

Unpacking pigz (2.8-1) ...

Selecting previously unselected package containerd.io.

Preparing to unpack .../1-containerd.io_1.7.22-1_amd64.deb ...

Unpacking containerd.io (1.7.22-1) ...

Selecting previously unselected package docker-buildx-plugin.

Preparing to unpack .../2-docker-buildx-plugin_0.17.1-1~ubuntu.24.04~noble_amd64.deb ...

Unpacking docker-buildx-plugin (0.17.1-1~ubuntu.24.04~noble) ...

Selecting previously unselected package docker-ce-cli.

Preparing to unpack .../3-docker-ce-cli_5%3a27.3.1-1~ubuntu.24.04~noble_amd64.deb ...

Unpacking docker-ce-cli (5:27.3.1-1~ubuntu.24.04~noble) ...

Selecting previously unselected package docker-ce.

Preparing to unpack …/4-docker-ce_5%3a27.3.1-1~ubuntu.24.04~noble_amd64.deb …

Unpacking docker-ce (5:27.3.1-1~ubuntu.24.04~noble) …

Selecting previously unselected package docker-ce-rootless-extras.

Preparing to unpack …/5-docker-ce-rootless-extras_5%3a27.3.1-1~ubuntu.24.04~noble_amd64.deb …

Unpacking docker-ce-rootless-extras (5:27.3.1-1~ubuntu.24.04~noble) …

Selecting previously unselected package docker-compose-plugin.

Preparing to unpack …/6-docker-compose-plugin_2.29.7-1~ubuntu.24.04~noble_amd64.deb …

Unpacking docker-compose-plugin (2.29.7-1~ubuntu.24.04~noble) …

Selecting previously unselected package libltdl7:amd64.

Preparing to unpack …/7-libltdl7_2.4.7-7build1_amd64.deb …

Unpacking libltdl7:amd64 (2.4.7-7build1) …

Selecting previously unselected package libslirp0:amd64.

Preparing to unpack …/8-libslirp0_4.7.0-1ubuntu3_amd64.deb …

Unpacking libslirp0:amd64 (4.7.0-1ubuntu3) …

Selecting previously unselected package slirp4netns.

Preparing to unpack …/9-slirp4netns_1.2.1-1build2_amd64.deb …

Unpacking slirp4netns (1.2.1-1build2) …

Setting up docker-buildx-plugin (0.17.1-1~ubuntu.24.04~noble) …

Setting up containerd.io (1.7.22-1) …

Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /usr/lib/systemd/system/containerd.service.

Setting up docker-compose-plugin (2.29.7-1~ubuntu.24.04~noble) …

Setting up libltdl7:amd64 (2.4.7-7build1) …

Setting up docker-ce-cli (5:27.3.1-1~ubuntu.24.04~noble) …

Setting up libslirp0:amd64 (4.7.0-1ubuntu3) …

Setting up pigz (2.8-1) ...

Setting up docker-ce-rootless-extras (5:27.3.1-1~ubuntu.24.04~noble) ...

Setting up slirp4netns (1.2.1-1build2) ...

Setting up docker-ce (5:27.3.1-1~ubuntu.24.04~noble) ...

Created symlink /etc/systemd/system/multi-user.target.wants/docker.service →
/usr/lib/systemd/system/docker.service.

Created symlink /etc/systemd/system/sockets.target.wants/docker.socket →
/usr/lib/systemd/system/docker.socket.

Processing triggers for man-db (2.12.0-4build2) ...

Processing triggers for libc-bin (2.39-0ubuntu8.3) ...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

Max@linuxvm:~$ sudo docker run hello-world

Unable to find image 'hello-world:latest' locally

latest: Pulling from library/hello-world

c1ec31eb5944: Pull complete

Digest:
sha256:d211f485f2dd1dee407a80973c8f129f00d54604d2c90732e8e320e5038a0348

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/

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For more examples and ideas, visit:

 https://docs.docker.com/get-started/

Max@linuxvm:~$ docker network create misitio-net

permission denied while trying to connect to the Docker daemon socket at
unix:///var/run/docker.sock: Head "http://%2Fvar%2Frun%2Fdocker.sock/_ping": dial unix
/var/run/docker.sock: connect: permission denied

Max@linuxvm:~$ sudo su -

```
root@linuxvm:~# docker network create misitio-net

8bb0b63d32493d1042e85404dafc4d18384c87f753e1ce89cbd48b2f29392c7e

root@linuxvm:~# docker run -d --name mysql11 \

--network misitio-net \

-e MYSQL_ROOT_PASSWORD=carlos.123 \

-e MYSQL_USER=carlos \

-e MYSQL_PASSWORD=carlos.123 \

-e MYSQL_DATABASE=misitiodb \

-v websitedbvolume:/var/lib/mysql \

mariadb:latest

Unable to find image 'mariadb:latest' locally

latest: Pulling from library/mariadb

ff65ddf9395b: Pull complete

60bf5e4921eb: Pull complete

d4d47b8d6ea0: Pull complete

e38fc7e50f91: Pull complete

725acd03a3bc: Pull complete

db106334738c: Pull complete

234171a3de7d: Pull complete

25efdea61d9c: Pull complete

Digest:
sha256:4a1de8fa2a929944373d7421105500ff6f889ce90dcb883fbb2fdb070e4d427e

Status: Downloaded newer image for mariadb:latest

dd45d2d40b2c3209b404d591d18adca0ebfe676317da443bddc0ca05390e745a

root@linuxvm:~# docker volume ls

DRIVER    VOLUME NAME
```

```
local    websitedbvolume

root@linuxvm:~# docker volume inspect websitedbvolume

[

  {

    "CreatedAt": "2024-11-08T23:43:47Z",

    "Driver": "local",

    "Labels": null,

    "Mountpoint": "/var/lib/docker/volumes/websitedbvolume/_data",

    "Name": "websitedbvolume",

    "Options": null,

    "Scope": "local"

  }

]

root@linuxvm:~# mkdir public_html

root@linuxvm:~# docker run -d --name sitio \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

Unable to find image 'php:apache' locally

apache: Pulling from library/php

a480a496ba95: Pull complete

64cfff3ac382: Pull complete

6c8db7ba2fb3: Pull complete

afd6dcf9c5c4: Pull complete

e2133690866d: Pull complete

eab50bae3de5: Pull complete
```

d9c650d17537: Pull complete

e09dc258c322: Pull complete

b9dd36c07ca0: Pull complete

e299a01471fd: Pull complete

a4e31c3cda9f: Pull complete

d404a37f1ede: Pull complete

8c2340e96d81: Pull complete

4f4fb700ef54: Pull complete

Digest:
sha256:043ea7495711e3dea5a7780a3d2a5f1fa19ad0a91b3b0f554a7256abfb077b70

Status: Downloaded newer image for php:apache

0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d

root@linuxvm:~# curl http://127.0.0.1/

curl: (7) Failed to connect to 127.0.0.1 port 80 after 0 ms: Couldn't connect to server

root@linuxvm:~# curl http://68.221.169.223/

^C

root@linuxvm:~# curl http://68.221.169.223:8080

ifconfing

^C

root@linuxvm:~# ifconfig

Command 'ifconfig' not found, but can be installed with:

apt install net-tools

root@linuxvm:~# ip

Usage: ip [OPTIONS] OBJECT { COMMAND | help }

```
        ip [ -force ] -batch filename

where  OBJECT := { address | addrlabel | amt | fou | help | ila | ioam | l2tp |

           link | macsec | maddress | monitor | mptcp | mroute | mrule |

           neighbor | neighbour | netconf | netns | nexthop | ntable |

           ntbl | route | rule | sr | tap | tcpmetrics |

           token | tunnel | tuntap | vrf | xfrm }

      OPTIONS := { -V[ersion] | -s[tatistics] | -d[etails] | -r[esolve] |

             -h[uman-readable] | -iec | -j[son] | -p[retty] |

             -f[amily] { inet | inet6 | mpls | bridge | link } |

             -4 | -6 | -M | -B | -0 |

             -l[oops] { maximum-addr-flush-attempts } | -br[ief] |

             -o[neline] | -t[imestamp] | -ts[hort] | -b[atch] [filename] |

             -rc[vbuf] [size] | -n[etns] name | -N[umeric] | -a[ll] |

             -c[olor]}
root@linuxvm:~# ipa

Command 'ipa' not found, but can be installed with:

apt install freeipa-client

root@linuxvm:~# ip a

1: 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

2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group
default qlen 1000
```

link/ether 7c:1e:52:2f:90:58 brd ff:ff:ff:ff:ff:ff

inet 10.0.0.6/24 metric 100 brd 10.0.0.255 scope global eth0

valid_lft forever preferred_lft forever

inet6 fe80::7e1e:52ff:fe2f:9058/64 scope link

valid_lft forever preferred_lft forever

3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default

link/ether 02:42:3c:46:df:29 brd ff:ff:ff:ff:ff:ff

inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0

valid_lft forever preferred_lft forever

inet6 fe80::42:3cff:fe46:df29/64 scope link

valid_lft forever preferred_lft forever

8: br-8bb0b63d3249: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default

link/ether 02:42:e6:ff:98:cd brd ff:ff:ff:ff:ff:ff

inet 172.18.0.1/16 brd 172.18.255.255 scope global br-8bb0b63d3249

valid_lft forever preferred_lft forever

inet6 fe80::42:e6ff:feff:98cd/64 scope link

valid_lft forever preferred_lft forever

10: vethd835201@if9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue master br-8bb0b63d3249 state UP group default

link/ether 5a:ab:54:2f:bf:36 brd ff:ff:ff:ff:ff:ff link-netnsid 0

inet6 fe80::58ab:54ff:fe2f:bf36/64 scope link

valid_lft forever preferred_lft forever

12: vethccc0d2c@if11: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue master br-8bb0b63d3249 state UP group default

link/ether ba:be:95:f7:4e:02 brd ff:ff:ff:ff:ff:ff link-netnsid 1

inet6 fe80::b8be:95ff:fef7:4e02/64 scope link

valid_lft forever preferred_lft forever

root@linuxvm:~#

root@linuxvm:~#

root@linuxvm:~# netstat

Command 'netstat' not found, but can be installed with:

apt install net-tools

root@linuxvm:~# apt install net-tools

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following packages were automatically installed and are no longer required:

auditd libauparse0t64 linux-azure-cloud-tools-6.8.0-1010 linux-azure-cloud-tools-6.8.0-1012 linux-azure-headers-6.8.0-1010 linux-azure-headers-6.8.0-1012 linux-azure-tools-6.8.0-1010 linux-azure-tools-6.8.0-1012

linux-cloud-tools-6.8.0-1010-azure linux-cloud-tools-6.8.0-1012-azure linux-headers-6.8.0-1010-azure linux-headers-6.8.0-1012-azure linux-image-6.8.0-1010-azure linux-image-6.8.0-1012-azure linux-modules-6.8.0-1010-azure

linux-modules-6.8.0-1012-azure linux-tools-6.8.0-1010-azure linux-tools-6.8.0-1012-azure

Use 'apt autoremove' to remove them.

The following NEW packages will be installed:

net-tools

0 upgraded, 1 newly installed, 0 to remove and 2 not upgraded.

Need to get 204 kB of archives.

After this operation, 811 kB of additional disk space will be used.

Get:1 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 net-tools amd64 2.10-0.1ubuntu4 [204 kB]

Fetched 204 kB in 0s (1005 kB/s)

Selecting previously unselected package net-tools.

(Reading database ... 149372 files and directories currently installed.)

Preparing to unpack .../net-tools_2.10-0.1ubuntu4_amd64.deb ...

Unpacking net-tools (2.10-0.1ubuntu4) ...

Setting up net-tools (2.10-0.1ubuntu4) ...

Processing triggers for man-db (2.12.0-4build2) ...

Scanning processes...

Scanning candidates...

Scanning linux images...

Pending kernel upgrade!

Running kernel version:

 6.8.0-1015-azure

Diagnostics:

 The currently running kernel version is not the expected kernel version 6.8.0-1017-azure.

Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.

Restarting services...

Service restarts being deferred:

 systemctl restart unattended-upgrades.service

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

root@linuxvm:~# netstat

Active Internet connections (w/o servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	linuxvm:40408	20.242.181.1:https	TIME_WAIT
tcp	0	0	linuxvm:49794	20.10.127.192:https	TIME_WAIT
tcp	0	0	linuxvm:59694	51.11.236.225:http	TIME_WAIT
tcp	0	0	linuxvm:60938	20.10.127.193:https	TIME_WAIT
tcp	0	0	linuxvm:40414	20.242.181.1:https	TIME_WAIT
tcp	0	0	linuxvm:45206	13.89.178.27:https	TIME_WAIT
tcp	0	0	linuxvm:50546	13.83.125.1:https	TIME_WAIT
tcp	0	0	linuxvm:45406	20.242.181.1:https	TIME_WAIT
tcp6	0	1024	linuxvm:ssh	rev123.113.nstele:62994	ESTABLISHED

Active UNIX domain sockets (w/o servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	3	[ ]	STREAM	CONNECTED	6579	/run/systemd/journal/stdout
unix	3	[ ]	DGRAM	CONNECTED	5695	
unix	3	[ ]	STREAM	CONNECTED	6926	/run/dbus/system_bus_socket
unix	2	[ ]	DGRAM	CONNECTED	14197	
unix	3	[ ]	STREAM	CONNECTED	14158	
unix	3	[ ]	DGRAM	CONNECTED	5696	
unix	3	[ ]	STREAM	CONNECTED	7000	
unix	3	[ ]	STREAM	CONNECTED	72863	

```
unix 3  [ ]    STREAM   CONNECTED   7002

unix 3  [ ]    STREAM   CONNECTED   72841

unix 2  [ ]    DGRAM    CONNECTED   6894

unix 2  [ ]    DGRAM            15171   /run/user/1000/systemd/notify

unix 3  [ ]    STREAM   CONNECTED   6608   /run/systemd/journal/stdout

unix 3  [ ]    STREAM   CONNECTED   6896   /run/dbus/system_bus_socket

unix 3  [ ]    STREAM   CONNECTED   5986

unix 3  [ ]    STREAM   CONNECTED   7330   /run/dbus/system_bus_socket

unix 3  [ ]    STREAM   CONNECTED   72883

unix 3  [ ]    STREAM   CONNECTED   6963   /run/systemd/journal/stdout

unix 3  [ ]    STREAM   CONNECTED   3215

unix 2  [ ]    DGRAM    CONNECTED   6912

unix 3  [ ]    DGRAM    CONNECTED   5694

unix 3  [ ]    STREAM   CONNECTED   72864   /run/systemd/journal/stdout

unix 3  [ ]    STREAM   CONNECTED   6773   /run/dbus/system_bus_socket

unix 3  [ ]    STREAM   CONNECTED   6895

unix 2  [ ]    DGRAM    CONNECTED   5684

unix 3  [ ]    STREAM   CONNECTED   15022   /run/systemd/journal/stdout

unix 3  [ ]    STREAM   CONNECTED   72884   /run/systemd/journal/stdout

unix 3  [ ]    STREAM   CONNECTED   6962

unix 3  [ ]    STREAM   CONNECTED   6041

unix 2  [ ]    DGRAM    CONNECTED   6990

unix 3  [ ]    DGRAM    CONNECTED   5697

unix 3  [ ]    STREAM   CONNECTED   72842   /run/dbus/system_bus_socket

unix 2  [ ]    STREAM   CONNECTED   14170

unix 3  [ ]    STREAM   CONNECTED   7003   /run/dbus/system_bus_socket
```

```
unix  3      [ ]       STREAM    CONNECTED   3216    /run/systemd/journal/stdout

unix  3      [ ]       SEQPACKET CONNECTED    7047

unix  3      [ ]       STREAM    CONNECTED   71943

unix  3      [ ]       DGRAM     CONNECTED   436     /run/systemd/notify

unix  2      [ ]       DGRAM     CONNECTED   7045    /run/chrony/chronyd.sock

unix  3      [ ]       STREAM    CONNECTED   34593

unix  3      [ ]       STREAM    CONNECTED   26706   /run/containerd/containerd.sock

unix  3      [ ]       STREAM    CONNECTED   6978    /run/systemd/journal/stdout

unix  3      [ ]       STREAM    CONNECTED   71944   /run/systemd/journal/stdout

unix  3      [ ]       STREAM    CONNECTED   3060

unix  3      [ ]       STREAM    CONNECTED   6115

unix  3      [ ]       STREAM    CONNECTED   63091   /run/systemd/journal/stdout

unix  3      [ ]       STREAM    CONNECTED   32004

unix  3      [ ]       STREAM    CONNECTED   72054

unix  3      [ ]       STREAM    CONNECTED   26673   /run/systemd/journal/stdout

unix  3      [ ]       STREAM    CONNECTED   72053

unix  2      [ ]       DGRAM     CONNECTED   64072

unix  2      [ ]       DGRAM               458    /run/systemd/journal/syslog

unix  3      [ ]       STREAM    CONNECTED   26705

unix  2      [ ]       DGRAM     CONNECTED   14244

unix  3      [ ]       STREAM    CONNECTED   73654

unix  3      [ ]       STREAM    CONNECTED   35137   /run/containerd/containerd.sock.ttrpc

unix  15     [ ]       DGRAM     CONNECTED   1747    /run/systemd/journal/dev-log

unix  8      [ ]       DGRAM     CONNECTED   460     /run/systemd/journal/socket

unix  3      [ ]       STREAM    CONNECTED   35004
/run/containerd/s/f119a54951d80169833297e423deeffe79cf2d15785b4dae83e83e5eaff4
a369
```

```
unix 3    [ ]    STREAM    CONNECTED    62210

unix 3    [ ]    STREAM    CONNECTED    32008
/run/containerd/s/4d037cedb143b795ebabd1c5e9f8d2d987e9fab76c09f2b58ba98140e59
e1da7

unix 2    [ ]    DGRAM    CONNECTED    614

unix 3    [ ]    STREAM    CONNECTED    62562

unix 3    [ ]    STREAM    CONNECTED    7090

unix 3    [ ]    STREAM    CONNECTED    73655

unix 3    [ ]    STREAM    CONNECTED    6100

unix 3    [ ]    STREAM    CONNECTED    26083

unix 3    [ ]    DGRAM    CONNECTED    713

unix 3    [ ]    STREAM    CONNECTED    26709    /run/containerd/containerd.sock

unix 3    [ ]    STREAM    CONNECTED    3059

unix 3    [ ]    STREAM    CONNECTED    32170    /run/containerd/containerd.sock.ttrpc

unix 3    [ ]    STREAM    CONNECTED    7316

unix 3    [ ]    STREAM    CONNECTED    72055

unix 3    [ ]    STREAM    CONNECTED    7213

unix 3    [ ]    STREAM    CONNECTED    31604

unix 2    [ ]    DGRAM    CONNECTED    7353

unix 3    [ ]    STREAM    CONNECTED    61784    /run/dbus/system_bus_socket

unix 3    [ ]    STREAM    CONNECTED    26708

unix 2    [ ]    DGRAM    CONNECTED    2987

unix 2    [ ]    DGRAM              72130

unix 3    [ ]    STREAM    CONNECTED    72144

unix 3    [ ]    DGRAM    CONNECTED    714

unix 3    [ ]    STREAM    CONNECTED    6720    /run/systemd/journal/stdout

unix 3    [ ]    STREAM    CONNECTED    7089
```

```
unix 3  [ ]   STREAM  CONNECTED  35000
unix 3  [ ]   STREAM  CONNECTED  6659   /run/systemd/journal/stdout
unix 3  [ ]   STREAM  CONNECTED  72145
unix 3  [ ]   STREAM  CONNECTED  64056
unix 3  [ ]   STREAM  CONNECTED  6661   /run/systemd/journal/stdout
unix 3  [ ]   STREAM  CONNECTED  72056
unix 2  [ ]   DGRAM   CONNECTED  4494
unix 2  [ ]   DGRAM   CONNECTED  62221
unix 3  [ ]   STREAM  CONNECTED  64947  /run/systemd/journal/stdout
unix 3  [ ]   STREAM  CONNECTED  30297
unix 2  [ ]   DGRAM   CONNECTED  6768
unix 3  [ ]   STREAM  CONNECTED  6786   /run/dbus/system_bus_socket
unix 3  [ ]   STREAM  CONNECTED  6774   /run/dbus/system_bus_socket
unix 2  [ ]   DGRAM   CONNECTED  6744
unix 2  [ ]   DGRAM   CONNECTED  72835
unix 3  [ ]   STREAM  CONNECTED  6307
unix 3  [ ]   STREAM  CONNECTED  25253  /run/systemd/journal/stdout
unix 2  [ ]   DGRAM   CONNECTED  30318
unix 3  [ ]   STREAM  CONNECTED  6770
unix 3  [ ]   STREAM  CONNECTED  6695
unix 3  [ ]   STREAM  CONNECTED  71850  /run/systemd/journal/stdout
unix 2  [ ]   DGRAM   CONNECTED  30294
unix 3  [ ]   STREAM  CONNECTED  7056
unix 3  [ ]   STREAM  CONNECTED  30296
unix 3  [ ]   STREAM  CONNECTED  16526
unix 3  [ ]   STREAM  CONNECTED  6657   /run/systemd/journal/stdout
```

```
unix 3  []    STREAM   CONNECTED  25251
unix 3  []    STREAM   CONNECTED  16527
unix 3  []    STREAM   CONNECTED  5671   /run/systemd/journal/stdout
unix 3  []    STREAM   CONNECTED  72834
unix 3  []    STREAM   CONNECTED  7057   /run/dbus/system_bus_socket
unix 3  []    STREAM   CONNECTED  6523
unix 3  []    STREAM   CONNECTED  6524   /run/systemd/journal/stdout
unix 3  []    DGRAM    CONNECTED  438
unix 3  []    STREAM   CONNECTED  6775   /run/dbus/system_bus_socket
unix 3  []    STREAM   CONNECTED  61548
unix 2  []    DGRAM           6672
unix 3  []    STREAM   CONNECTED  61397  /run/systemd/journal/stdout
unix 3  []    DGRAM    CONNECTED  437
unix 3  []    STREAM   CONNECTED  6769
unix 3  []    STREAM   CONNECTED  6656
unix 3  []    STREAM   CONNECTED  14271  /run/dbus/system_bus_socket
unix 3  []    STREAM   CONNECTED  7040
unix 3  []    DGRAM    CONNECTED  15173
unix 3  []    STREAM   CONNECTED  2188
unix 3  []    STREAM   CONNECTED  2507   /run/systemd/journal/stdout
unix 3  []    STREAM   CONNECTED  15118
unix 3  []    STREAM   CONNECTED  72896
unix 3  []    SEQPACKET CONNECTED   7046
unix 3  []    STREAM   CONNECTED  7041
unix 3  []    DGRAM    CONNECTED  15172
unix 2  []    DGRAM    CONNECTED  2197
```

```
unix  3    [ ]      STREAM    CONNECTED    72897   /run/dbus/system_bus_socket

unix  2    [ ]      DGRAM     CONNECTED    15127

unix  2    [ ]      DGRAM     CONNECTED    1811

unix  3    [ ]      STREAM    CONNECTED    14232   /run/systemd/journal/stdout

unix  3    [ ]      STREAM    CONNECTED    15175   @a92291906feed2d3/bus/systemd/bus-
system

unix  3    [ ]      STREAM    CONNECTED    6476    @712aaa73e2aec740/bus/systemd-
resolve/bus-api-resolve

unix  3    [ ]      STREAM    CONNECTED    6782    @18b105943d1fe410/bus/systemd/bus-
api-system

unix  3    [ ]      STREAM    CONNECTED    6925    @1de3fd8a54d4fdde/bus/systemd-
logind/system

unix  3    [ ]      STREAM    CONNECTED    5897    @ca2ed7db44bb4692/bus/systemd-
network/bus-api-network

root@linuxvm:~# ^C

root@linuxvm:~# netstat | grep listen

root@linuxvm:~# netstat -a | grep listen

root@linuxvm:~# netstat -a | grep lis

Active Internet connections (servers and established)

Active UNIX domain sockets (servers and established)

root@linuxvm:~# netstat -an | grep list

root@linuxvm:~# netstat -plnt | grep list

root@linuxvm:~# netstat -plnt

Active Internet connections (only servers)

Proto Recv-Q Send-Q Local Address      Foreign Address      State      PID/Program name

tcp    0     0 127.0.0.54:53        0.0.0.0:*          LISTEN    484/systemd-resolve

tcp    0     0 127.0.0.53:53        0.0.0.0:*          LISTEN    484/systemd-resolve
```

```
tcp6    0    0 :::22              :::*             LISTEN    1/init
root@linuxvm:~# netstat -plnt | grep list
root@linuxvm:~# netstat -plnt | grep listen
root@linuxvm:~# netstat -plnt
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address      Foreign Address      State    PID/Program name
tcp    0    0 127.0.0.54:53      0.0.0.0:*        LISTEN    484/systemd-resolve
tcp    0    0 127.0.0.53:53      0.0.0.0:*        LISTEN    484/systemd-resolve
tcp6    0    0 :::22              :::*             LISTEN    1/init
root@linuxvm:~# cd public_html/
root@linuxvm:~/public_html# ls
root@linuxvm:~/public_html# ls -l
total 0
root@linuxvm:~/public_html# ^Cho > "<!DOCTYPE html>
<html>
  <head>
    <!-- head definitions go here -->
  </head>
  <body>
    <!-- the content goes here -->
  </body>
</html>"
root@linuxvm:~/public_html# echo > index.html
root@linuxvm:~/public_html# nano index.html
root@linuxvm:~/public_html# --network misitio-net \
-v $(pwd)/public_html:/var/www/html \
```

php:apache

--network: command not found

root@linuxvm:~/public_html# --network misitio-net -v $(pwd)/public_html:/var/www/html php:apachedocker run -d --name sitio \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

^C

root@linuxvm:~/public_html# ^C

root@linuxvm:~/public_html# docker run -d --name sitio \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

docker: Error response from daemon: Conflict. The container name "/sitio" is already in use by container "0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

root@linuxvm:~/public_html# curl http://10.0.0.6/

curl: (7) Failed to connect to 10.0.0.6 port 80 after 0 ms: Couldn't connect to server

root@linuxvm:~/public_html# curl http://10.0.0.6:8080/

curl: (7) Failed to connect to 10.0.0.6 port 8080 after 0 ms: Couldn't connect to server

root@linuxvm:~/public_html# docker volume ls.

Usage: docker volume COMMAND

Manage volumes

Commands:

  create   Create a volume

  inspect   Display detailed information on one or more volumes

  ls   List volumes

  prune   Remove unused local volumes

  rm   Remove one or more volumes

  update   Update a volume (cluster volumes only)

Run 'docker volume COMMAND --help' for more information on a command.

root@linuxvm:~/public_html# docker volume ls

DRIVER   VOLUME NAME

local   websitedbvolume

root@linuxvm:~/public_html# docker volume inspect websitedbvolume

```
[
  {
    "CreatedAt": "2024-11-08T23:43:47Z",
    "Driver": "local",
    "Labels": null,
    "Mountpoint": "/var/lib/docker/volumes/websitedbvolume/_data",
    "Name": "websitedbvolume",
    "Options": null,
    "Scope": "local"
  }
]
```

root@linuxvm:~/public_html# docker ps

```
CONTAINER ID   IMAGE         COMMAND              CREATED         STATUS        PORTS
NAMES

0ea549807ad2   php:apache    "docker-php-entrypoi..."   16 minutes ago   Up 16 minutes
80/tcp   sitio

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   17 minutes ago   Up 17 minutes
3306/tcp   mysql11

root@linuxvm:~/public_html# ip a

1: 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

2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group
default qlen 1000

   link/ether 7c:1e:52:2f:90:58 brd ff:ff:ff:ff:ff:ff

   inet 10.0.0.6/24 metric 100 brd 10.0.0.255 scope global eth0

      valid_lft forever preferred_lft forever

   inet6 fe80::7e1e:52ff:fe2f:9058/64 scope link

      valid_lft forever preferred_lft forever

3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state
DOWN group default

   link/ether 02:42:3c:46:df:29 brd ff:ff:ff:ff:ff:ff

   inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0

      valid_lft forever preferred_lft forever

   inet6 fe80::42:3cff:fe46:df29/64 scope link

      valid_lft forever preferred_lft forever
```

8: br-8bb0b63d3249: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default

   link/ether 02:42:e6:ff:98:cd brd ff:ff:ff:ff:ff:ff

   inet 172.18.0.1/16 brd 172.18.255.255 scope global br-8bb0b63d3249

    valid_lft forever preferred_lft forever

   inet6 fe80::42:e6ff:feff:98cd/64 scope link

    valid_lft forever preferred_lft forever

10: vethd835201@if9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue master br-8bb0b63d3249 state UP group default

   link/ether 5a:ab:54:2f:bf:36 brd ff:ff:ff:ff:ff:ff link-netnsid 0

   inet6 fe80::58ab:54ff:fe2f:bf36/64 scope link

    valid_lft forever preferred_lft forever

12: vethccc0d2c@if11: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue master br-8bb0b63d3249 state UP group default

   link/ether ba:be:95:f7:4e:02 brd ff:ff:ff:ff:ff:ff link-netnsid 1

   inet6 fe80::b8be:95ff:fef7:4e02/64 scope link

    valid_lft forever preferred_lft forever

root@linuxvm:~/public_html# curl http://172.17.0.1/

curl: (7) Failed to connect to 172.17.0.1 port 80 after 0 ms: Couldn't connect to server

root@linuxvm:~/public_html# curl http://172.17.0.1:8080/

curl: (7) Failed to connect to 172.17.0.1 port 8080 after 0 ms: Couldn't connect to server

root@linuxvm:~/public_html# curl http://127.0.0.1/

curl: (7) Failed to connect to 127.0.0.1 port 80 after 0 ms: Couldn't connect to server

root@linuxvm:~/public_html# docker exec -it sitio bash

root@0ea549807ad2:/var/www/html# ls

index.html

root@0ea549807ad2:/var/www/html# curl http://127.0.0.7/

```
<!DOCTYPE html>

<html>

    <head>

        Prueba de Servidor Web

    </head>

    <body>

        Alumno: Max Madrigal

    </body>

</html>
```

root@0ea549807ad2:/var/www/html# docket ps

bash: docket: command not found

root@0ea549807ad2:/var/www/html# exit

exit

root@linuxvm:~/public_html# docker ps

CONTAINER ID   IMAGE   COMMAND   CREATED   STATUS   PORTS
NAMES

0ea549807ad2   php:apache   "docker-php-entrypoi..."   21 minutes ago   Up 21 minutes
80/tcp   sitio

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   22 minutes ago   Up 22 minutes
3306/tcp   mysql11

root@linuxvm:~/public_html# docker ps -v

unknown shorthand flag: 'v' in -v

See 'docker ps --help'.

root@linuxvm:~/public_html# docker ps -a

CONTAINER ID   IMAGE   COMMAND   CREATED   STATUS   PORTS
NAMES

```
0ea549807ad2   php:apache      "docker-php-entrypoi..."  21 minutes ago   Up 21 minutes
80/tcp    sitio

dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s..."  22 minutes ago   Up 22 minutes
3306/tcp   mysql11

875a4d6722a3   hello-world     "/hello"          24 minutes ago   Exited (0) 24 minutes ago
flamboyant_brown

ec84068f14c0   hello-world     "/hello"          24 minutes ago   Exited (0) 24 minutes ago
flamboyant_panini
root@linuxvm:~/public_html# ps
  PID TTY       TIME CMD
 4461 pts/1   00:00:00 sudo
 4462 pts/1   00:00:00 su
 4463 pts/1   00:00:00 bash
19227 pts/1   00:00:00 ps
root@linuxvm:~/public_html# ^C
root@linuxvm:~/public_html# ^C
root@linuxvm:~/public_html# docker inspect ^C
root@linuxvm:~/public_html# docket inspect 0ea549807ad2
Command 'docket' not found, did you mean:
  command 'docker' from snap docker (24.0.5)
  command 'socket' from deb socket (1.1-10.1)
  command 'docker' from deb docker.io (24.0.7-0ubuntu4.1)
  command 'docker' from deb podman-docker (4.9.3+ds1-1ubuntu0.2)
See 'snap info <snapname>' for additional versions.
root@linuxvm:~/public_html# docker inspect 0ea549807ad2
[
  {
```

"Id": "0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d",

"Created": "2024-11-08T23:44:55.561345421Z",

"Path": "docker-php-entrypoint",

"Args": [

    "apache2-foreground"

],

"State": {

    "Status": "running",

    "Running": true,

    "Paused": false,

    "Restarting": false,

    "OOMKilled": false,

    "Dead": false,

    "Pid": 5052,

    "ExitCode": 0,

    "Error": "",

    "StartedAt": "2024-11-08T23:44:55.874642359Z",

    "FinishedAt": "0001-01-01T00:00:00Z"

},

"Image":
"sha256:2d9e3fa41a3cfb8f9870aafb92d454d7a635587b7d996df5ccaef5a4a689b122",

"ResolvConfPath":
"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea5
19b364442d39d/resolv.conf",

"HostnamePath":
"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea5
19b364442d39d/hostname",

"HostsPath": "/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/hosts",

"LogPath": "/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d-json.log",

"Name": "/sitio",

"RestartCount": 0,

"Driver": "overlay2",

"Platform": "linux",

"MountLabel": "",

"ProcessLabel": "",

"AppArmorProfile": "docker-default",

"ExecIDs": null,

"HostConfig": {

    "Binds": [

        "/root/public_html:/var/www/html"

    ],

    "ContainerIDFile": "",

    "LogConfig": {

        "Type": "json-file",

        "Config": {}

    },

    "NetworkMode": "misitio-net",

    "PortBindings": {},

    "RestartPolicy": {

        "Name": "no",

        "MaximumRetryCount": 0

  },

  "AutoRemove": false,

  "VolumeDriver": "",

  "VolumesFrom": null,

  "ConsoleSize": [

      63,

      237

  ],

  "CapAdd": null,

  "CapDrop": null,

  "CgroupnsMode": "private",

  "Dns": [],

  "DnsOptions": [],

  "DnsSearch": [],

  "ExtraHosts": null,

  "GroupAdd": null,

  "IpcMode": "private",

  "Cgroup": "",

  "Links": null,

  "OomScoreAdj": 0,

  "PidMode": "",

  "Privileged": false,

  "PublishAllPorts": false,

  "ReadonlyRootfs": false,

"SecurityOpt": null,

"UTSMode": "",

"UsernsMode": "",

"ShmSize": 67108864,

"Runtime": "runc",

"Isolation": "",

"CpuShares": 0,

"Memory": 0,

"NanoCpus": 0,

"CgroupParent": "",

"BlkioWeight": 0,

"BlkioWeightDevice": [],

"BlkioDeviceReadBps": [],

"BlkioDeviceWriteBps": [],

"BlkioDeviceReadIOps": [],

"BlkioDeviceWriteIOps": [],

"CpuPeriod": 0,

"CpuQuota": 0,

"CpuRealtimePeriod": 0,

"CpuRealtimeRuntime": 0,

"CpusetCpus": "",

"CpusetMems": "",

"Devices": [],

"DeviceCgroupRules": null,

"DeviceRequests": null,

"MemoryReservation": 0,

```json
"MemorySwap": 0,

"MemorySwappiness": null,

"OomKillDisable": null,

"PidsLimit": null,

"Ulimits": [],

"CpuCount": 0,

"CpuPercent": 0,

"IOMaximumIOps": 0,

"IOMaximumBandwidth": 0,

"MaskedPaths": [

    "/proc/asound",

    "/proc/acpi",

    "/proc/kcore",

    "/proc/keys",

    "/proc/latency_stats",

    "/proc/timer_list",

    "/proc/timer_stats",

    "/proc/sched_debug",

    "/proc/scsi",

    "/sys/firmware",

    "/sys/devices/virtual/powercap"

],

"ReadonlyPaths": [

    "/proc/bus",

    "/proc/fs",

    "/proc/irq",
```

          "/proc/sys",

          "/proc/sysrq-trigger"

        ]

    },

    "GraphDriver": {

      "Data": {

        "LowerDir":
"/var/lib/docker/overlay2/6bd43813e49a9370235195dacac06d0463dcefc502c2cb72fb3b6
632ad0a6c70-
init/diff:/var/lib/docker/overlay2/a5e1017d339243e0f998de09534eb79aadbbf0441eb9cba
49ad545504994d15d/diff:/var/lib/docker/overlay2/98348023772b1c545a4b5e4fdaa694d6
d369ba634eb92bda73262bcaf172568f/diff:/var/lib/docker/overlay2/c9f5ed87dcba2deaba
bed5d916ed093348b1058e9691e9eecb9e37ad8d6c095c/diff:/var/lib/docker/overlay2/cd4
8d6b8fe491412a634a9bcf2664c98be69ae45ec4471301708bcafd73c93f8/diff:/var/lib/doc
ker/overlay2/45fe2647b3d6935acbfcab4d5b15b1e0e7d7cc7c9e1b1dbefa31524852c10bb
9/diff:/var/lib/docker/overlay2/2ffc1f2af4adc4c0529b80785457cbc2fd202fed7dad149e95f
f55483b414bd6/diff:/var/lib/docker/overlay2/19ca713a11a805d365caf91aa9b005bd17fc0
9429546455cf08d82ff80afdcd8/diff:/var/lib/docker/overlay2/0a95644c5451beda4d0df50c
1bb091b7bcd29a8972292a265dde36d700c29eb5/diff:/var/lib/docker/overlay2/2e7f26735
dda54b43c879c683fd5d70bb51514329dac2cf450ba8ff1529f8b50/diff:/var/lib/docker/over
lay2/04c3fe4386e713cadba29515e979743b2a9c5c39bd07efc707935f29358f2c49/diff:/var
/lib/docker/overlay2/9b0ee057ce374a8deafe9e16782a7b71d742de7632213c613dd54dc7
985d9ea4/diff:/var/lib/docker/overlay2/ed33cc9f0f85f6b5446d2d93bd49c71d71cd225342
eb34864e7e4dca979ef651/diff:/var/lib/docker/overlay2/a659be926c9fbc842d80bc66bb70
4dbeac6f665f6b16e55ed5d43859e7012aed/diff:/var/lib/docker/overlay2/306d7635030a77
74f214b93b9dedd077967f8a41f06d1c67c3932eb0a53b6672/diff",

        "MergedDir":
"/var/lib/docker/overlay2/6bd43813e49a9370235195dacac06d0463dcefc502c2cb72fb3b6
632ad0a6c70/merged",

        "UpperDir":
"/var/lib/docker/overlay2/6bd43813e49a9370235195dacac06d0463dcefc502c2cb72fb3b6
632ad0a6c70/diff",

      "WorkDir":
"/var/lib/docker/overlay2/6bd43813e49a9370235195dacac06d0463dcefc502c2cb72fb3b6
632ad0a6c70/work"

    },

    "Name": "overlay2"

  },

  "Mounts": [

    {

      "Type": "bind",

      "Source": "/root/public_html",

      "Destination": "/var/www/html",

      "Mode": "",

      "RW": true,

      "Propagation": "rprivate"

    }

  ],

  "Config": {

    "Hostname": "0ea549807ad2",

    "Domainname": "",

    "User": "",

    "AttachStdin": false,

    "AttachStdout": false,

    "AttachStderr": false,

    "ExposedPorts": {

      "80/tcp": {}

    },

    "Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"PHPIZE_DEPS=autoconf \t\tdpkg-dev \t\tfile \t\tg++ \t\tgcc \t\tlibc-dev \t\tmake \t\tpkg-config \t\tre2c",

"PHP_INI_DIR=/usr/local/etc/php",

"APACHE_CONFDIR=/etc/apache2",

"APACHE_ENVVARS=/etc/apache2/envvars",

"PHP_CFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64",

"PHP_CPPFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64",

"PHP_LDFLAGS=-Wl,-O1 -pie",

"GPG_KEYS=1198C0117593497A5EC5C199286AF1F9897469DC C28D937575603EB4ABB725861C0779DC5C0A9DE4 AFD8691FDAEDF03BDF6E460563F15A9B715376CA",

"PHP_VERSION=8.3.13",

"PHP_URL=https://www.php.net/distributions/php-8.3.13.tar.xz",

"PHP_ASC_URL=https://www.php.net/distributions/php-8.3.13.tar.xz.asc",

"PHP_SHA256=89adb978cca209124fe53fd6327bc4966ca21213a7fa2e9504f854e340873018"

],

"Cmd": [

"apache2-foreground"

],

"Image": "php:apache",

```
      "Volumes": null,

      "WorkingDir": "/var/www/html",

      "Entrypoint": [

         "docker-php-entrypoint"

      ],

      "OnBuild": null,

      "Labels": {},

      "StopSignal": "SIGWINCH"

   },

   "NetworkSettings": {

      "Bridge": "",

      "SandboxID":
"84748987b5c08f256525d6b57dc7a1cd9a0f7f07050ce122aa26899e24f83206",

      "SandboxKey": "/var/run/docker/netns/84748987b5c0",

      "Ports": {

         "80/tcp": null

      },

      "HairpinMode": false,

      "LinkLocalIPv6Address": "",

      "LinkLocalIPv6PrefixLen": 0,

      "SecondaryIPAddresses": null,

      "SecondaryIPv6Addresses": null,

      "EndpointID": "",

      "Gateway": "",

      "GlobalIPv6Address": "",

      "GlobalIPv6PrefixLen": 0,
```

```json
        "IPAddress": "",

        "IPPrefixLen": 0,

        "IPv6Gateway": "",

        "MacAddress": "",

        "Networks": {

          "misitio-net": {

            "IPAMConfig": null,

            "Links": null,

            "Aliases": null,

            "MacAddress": "02:42:ac:12:00:03",

            "DriverOpts": null,

            "NetworkID":
"8bb0b63d32493d1042e85404dafc4d18384c87f753e1ce89cbd48b2f29392c7e",

            "EndpointID":
"d5b60e517554e6b908b8c847577796ba202c26b5af0739fddbfaa131fd8b8453",

            "Gateway": "172.18.0.1",

            "IPAddress": "172.18.0.3",

            "IPPrefixLen": 16,

            "IPv6Gateway": "",

            "GlobalIPv6Address": "",

            "GlobalIPv6PrefixLen": 0,

            "DNSNames": [

              "sitio",

              "0ea549807ad2"

            ]

          }

        }
```

```
        }
    }
]
```

root@linuxvm:~/public_html# docker run -d -p 8080:80 0ea549807ad2

Unable to find image '0ea549807ad2:latest' locally

docker: Error response from daemon: pull access denied for 0ea549807ad2, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.

root@linuxvm:~/public_html# docker ps

CONTAINER ID   IMAGE   COMMAND   CREATED   STATUS   PORTS   NAMES

0ea549807ad2   php:apache   "docker-php-entrypoi..."   27 minutes ago   Up 27 minutes   80/tcp   sitio

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   28 minutes ago   Up 28 minutes   3306/tcp   mysql11

root@linuxvm:~/public_html# docker run -d 8080 -p 80 0ea549807ad2

Unable to find image '8080:latest' locally

docker: Error response from daemon: pull access denied for 8080, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.

root@linuxvm:~/public_html# docker login

USING WEB-BASED LOGIN

To sign in with credentials on the command line, use 'docker login -u <username>'

Your one-time device confirmation code is: DRBW-CNMQ

Press ENTER to open your browser or submit your device code here: https://login.docker.com/activate

Waiting for authentication in the browser...

^Clogin canceled

root@linuxvm:~/public_html# docker run -d 8080 -name 0ea549807ad2

Unable to find image '8080:latest' locally

docker: Error response from daemon: pull access denied for 8080, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.

root@linuxvm:~/public_html# docker run -p 8080 -name 0ea549807ad2

unknown shorthand flag: 'n' in -name

See 'docker run --help'.

root@linuxvm:~/public_html# docker run -p 8080 --name 0ea549807ad2

"docker run" requires at least 1 argument.

See 'docker run --help'.

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image

root@linuxvm:~/public_html# docker run --name 0ea549807ad2 -p 8080

"docker run" requires at least 1 argument.

See 'docker run --help'.

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image

root@linuxvm:~/public_html# docker run --name 0ea549807ad2 -p 8080 -network misitio-net

unknown shorthand flag: 'n' in -network

See 'docker run --help'.

root@linuxvm:~/public_html# docker run --name 0ea549807ad2 -p 8080 --network misitio-net

"docker run" requires at least 1 argument.

See 'docker run --help'.

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image

root@linuxvm:~/public_html# docker run --name 0ea549807ad2 -p 8080 --network misitio-net\

-v $(pwd)/public_html:/var/www/html \

php:apache

docker: invalid reference format.

See 'docker run --help'.

root@linuxvm:~/public_html# docker run -d --name sitio \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache \

docker: Error response from daemon: Conflict. The container name "/sitio" is already in use by container "0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

root@linuxvm:~/public_html# I need to modify a container ^C

```
root@linuxvm:~/public_html# ls

index.html

root@linuxvm:~/public_html# cd ..

root@linuxvm:~# ls

public_html  snap

root@linuxvm:~# cd /

root@linuxvm:/# ls

bin bin.usr-is-merged boot dev etc home lib lib.usr-is-merged lib64 lost+found media
mnt opt proc root run sbin sbin.usr-is-merged snap srv sys tmp usr var

root@linuxvm:/# cd usr/

root@linuxvm:/usr# ls

bin games include lib lib64 libexec local sbin share src

root@linuxvm:/usr# cd local/

root@linuxvm:/usr/local# ls

bin etc games include lib man sbin share src

root@linuxvm:/usr/local# cd ..

root@linuxvm:/usr# ls

bin games include lib lib64 libexec local sbin share src

root@linuxvm:/usr# cd ..

root@linuxvm:/# ls

bin bin.usr-is-merged boot dev etc home lib lib.usr-is-merged lib64 lost+found media
mnt opt proc root run sbin sbin.usr-is-merged snap srv sys tmp usr var

root@linuxvm:/# cd home/

root@linuxvm:/home# ls

Max

root@linuxvm:/home# cd Max/

root@linuxvm:/home/Max# ls
```

```
root@linuxvm:/home/Max# ls

root@linuxvm:/home/Max# ls -la

total 36

drwxr-x--- 4 Max  Max  4096 Oct  1 20:22 .

drwxr-xr-x 3 root root 4096 Aug  1 17:06 ..

-rw------- 1 Max  Max   778 Oct  1 21:49 .bash_history

-rw-r--r-- 1 Max  Max   220 Mar 31  2024 .bash_logout

-rw-r--r-- 1 Max  Max  3771 Mar 31  2024 .bashrc

drwx------ 2 Max  Max  4096 Aug  1 17:07 .cache

-rw------- 1 Max  Max    20 Oct  1 20:22 .lesshst

-rw-r--r-- 1 Max  Max   807 Mar 31  2024 .profile

drwx------ 2 Max  Max  4096 Aug  1 17:06 .ssh

-rw-r--r-- 1 Max  Max     0 Aug  1 17:09 .sudo_as_admin_successful

root@linuxvm:/home/Max# cd ..

root@linuxvm:/home# ls

Max

root@linuxvm:/home# cd ..

root@linuxvm:/# ls

bin bin.usr-is-merged boot dev etc home lib lib.usr-is-merged lib64 lost+found media
mnt opt proc root run sbin sbin.usr-is-merged snap srv sys tmp usr var

root@linuxvm:/# cd var/lib/docker/

root@linuxvm:/var/lib/docker# ls

buildkit containers engine-id image network overlay2 plugins runtimes swarm tmp
volumes

root@linuxvm:/var/lib/docker# cd containers/

root@linuxvm:/var/lib/docker/containers# ls
```

0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d

dd45d2d40b2c3209b404d591d18adca0ebfe676317da443bddc0ca05390e745a

875a4d6722a369bb7cc155f19a4ce06d925f1989837a0cc193a617d2f96dbbef

ec84068f14c067fc2598e8a2afad0cd35d6cec7ee63ecbc6846bdad3e3e7671e

root@linuxvm:/var/lib/docker/containers# cd
0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# ls

0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d-json.log
checkpoints config.v2.json hostconfig.json hostname hosts mounts resolv.conf
resolv.conf.hash

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# cat
0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d-json.log

{"log":"AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.3. Set the 'ServerName' directive globally to suppress this message\n","stream":"stderr","time":"2024-11-08T23:44:56.094997528Z"}

{"log":"AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.3. Set the 'ServerName' directive globally to suppress this message\n","stream":"stderr","time":"2024-11-08T23:44:56.112242545Z"}

{"log":"[Fri Nov 08 23:44:56.122416 2024] [mpm_prefork:notice] [pid 1:tid 1] AH00163: Apache/2.4.62 (Debian) PHP/8.3.13 configured -- resuming normal operations\n","stream":"stderr","time":"2024-11-08T23:44:56.124029893Z"}

{"log":"[Fri Nov 08 23:44:56.122481 2024] [core:notice] [pid 1:tid 1] AH00094: Command line: 'apache2 -D FOREGROUND'\n","stream":"stderr","time":"2024-11-08T23:44:56.124058394Z"}

{"log":"127.0.0.1 - - [09/Nov/2024:00:03:25 +0000] \"GET / HTTP/1.1\" 200 388 \"-\" \"curl/7.88.1\"\n","stream":"stdout","time":"2024-11-09T00:03:25.521204401Z"}

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# cat config.v2.json

{"StreamConfig":{},"State":{"Running":true,"Paused":false,"Restarting":false,"OOMKilled":false,"RemovalInProgress":false,"Dead":false,"Pid":5052,"ExitCode":0,"Error":"","StartedAt":"20

24-11-08T23:44:55.874642359Z","FinishedAt":"0001-01-01T00:00:00Z","Health":null},"ID":"0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d","Created":"2024-11-08T23:44:55.561345421Z","Managed":false,"Path":"docker-php-entrypoint","Args":["apache2-foreground"],"Config":{"Hostname":"0ea549807ad2","Domainname":"","User":"","AttachStdin":false,"AttachStdout":false,"AttachStderr":false,"ExposedPorts":{"80/tcp":{}},"Tty":false,"OpenStdin":false,"StdinOnce":false,"Env":["PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin","PHPIZE_DEPS=autoconf \t\tdpkg-dev \t\tfile \t\tg++ \t\tgcc \t\tlibc-dev \t\tmake \t\tpkg-config \t\tre2c","PHP_INI_DIR=/usr/local/etc/php","APACHE_CONFDIR=/etc/apache2","APACHE_ENVVARS=/etc/apache2/envvars","PHP_CFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64","PHP_CPPFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64","PHP_LDFLAGS=-Wl,-O1 -pie","GPG_KEYS=1198C0117593497A5EC5C199286AF1F9897469DC C28D937575603EB4ABB725861C0779DC5C0A9DE4 AFD8691FDAEDF03BDF6E460563F15A9B715376CA","PHP_VERSION=8.3.13","PHP_URL=https://www.php.net/distributions/php-8.3.13.tar.xz","PHP_ASC_URL=https://www.php.net/distributions/php-8.3.13.tar.xz.asc","PHP_SHA256=89adb978cca209124fe53fd6327bc4966ca21213a7fa2e9504f854e340873018"],"Cmd":["apache2-foreground"],"Image":"php:apache","Volumes":null,"WorkingDir":"/var/www/html","Entrypoint":["docker-php-entrypoint"],"OnBuild":null,"Labels":{},"StopSignal":"SIGWINCH"},"Image":"sha256:2d9e3fa41a3cfb8f9870aafb92d454d7a635587b7d996df5ccaef5a4a689b122","ImageManifest":null,"NetworkSettings":{"Bridge":"","SandboxID":"84748987b5c08f256525d6b57dc7a1cd9a0f7f07050ce122aa26899e24f83206","SandboxKey":"/var/run/docker/netns/84748987b5c0","HairpinMode":false,"LinkLocalIPv6Address":"","LinkLocalIPv6PrefixLen":0,"Networks":{"misitio-net":{"IPAMConfig":null,"Links":null,"Aliases":null,"MacAddress":"02:42:ac:12:00:03","DriverOpts":null,"NetworkID":"8bb0b63d32493d1042e85404dafc4d18384c87f753e1ce89cbd48b2f29392c7e","EndpointID":"d5b60e517554e6b908b8c847577796ba202c26b5af0739fddbfaa131fd8b8453","Gateway":"172.18.0.1","IPAddress":"172.18.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["sitio","0ea549807ad2"],"IPAMOperational":false,"DesiredMacAddress":""}},"Service":null,"Ports":{"80/tcp":null},"SecondaryIPAddresses":null,"SecondaryIPv6Addresses":null,"HasSwarmEndpoint":false},"LogPath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd

30af3ea519b364442d39d/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea51
9b364442d39d-
json.log","Name":"/sitio","Driver":"overlay2","OS":"linux","RestartCount":0,"HasBeenStarted
Before":true,"HasBeenManuallyStopped":false,"MountPoints":{"/var/www/html":{"Source":
"/root/public_html","Destination":"/var/www/html","RW":true,"Name":"","Driver":"","Type":"b
ind","Propagation":"rprivate","Spec":{"Type":"bind","Source":"/root/public_html","Target":"/va
r/www/html"},"SkipMountpointCreation":false}},"SecretReferences":null,"ConfigReferences
":null,"MountLabel":"","ProcessLabel":"","AppArmorProfile":"docker-
default","SeccompProfile":"","NoNewPrivileges":false,"HostnamePath":"/var/lib/docker/con
tainers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/hos
tname","HostsPath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c
343798bd30af3ea519b364442d39d/hosts","ShmPath":"","ResolvConfPath":"/var/lib/docker
/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d
/resolv.conf","LocalLogCacheMeta":{"HaveNotifyEnabled":false}}

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# cat config.v2.json | grep port

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# cat config.v2.json | grep 80

{"StreamConfig":{},"State":{"Running":true,"Paused":false,"Restarting":false,"OOMKilled":fal
se,"RemovalInProgress":false,"Dead":false,"Pid":5052,"ExitCode":0,"Error":"","StartedAt":"20
24-11-08T23:44:55.874642359Z","FinishedAt":"0001-01-
01T00:00:00Z","Health":null},"ID":"0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30a
f3ea519b364442d39d","Created":"2024-11-
08T23:44:55.561345421Z","Managed":false,"Path":"docker-php-
entrypoint","Args":["apache2-
foreground"],"Config":{"Hostname":"0ea549807ad2","Domainname":"","User":"","AttachStdi
n":false,"AttachStdout":false,"AttachStderr":false,"ExposedPorts":{"80/tcp":{}},"Tty":false,"O
penStdin":false,"StdinOnce":false,"Env":["PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/us
r/bin:/sbin:/bin","PHPIZE_DEPS=autoconf \t\tdpkg-dev \t\tfile \t\tg++ \t\tgcc \t\tlibc-dev
\t\tmake \t\tpkg-config
\t\tre2c","PHP_INI_DIR=/usr/local/etc/php","APACHE_CONFDIR=/etc/apache2","APACHE_E
NVVARS=/etc/apache2/envvars","PHP_CFLAGS=-fstack-protector-strong -fpic -fpie -O2 -
D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64","PHP_CPPFLAGS=-fstack-protector-
strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -
D_FILE_OFFSET_BITS=64","PHP_LDFLAGS=-Wl,-O1 -
pie","GPG_KEYS=1198C0117593497A5EC5C199286AF1F9897469DC

C28D937575603EB4ABB725861C0779DC5C0A9DE4 AFD8691FDAEDF03BDF6E460563F15A9B715376CA","PHP_VERSION=8.3.13","PHP_URL=https://www.php.net/distributions/php-8.3.13.tar.xz","PHP_ASC_URL=https://www.php.net/distributions/php-8.3.13.tar.xz.asc","PHP_SHA256=89adb978cca209124fe53fd6327bc4966ca21213a7fa2e9504f854e340873018"],"Cmd":["apache2-foreground"],"Image":"php:apache","Volumes":null,"WorkingDir":"/var/www/html","Entrypoint":["docker-php-entrypoint"],"OnBuild":null,"Labels":{},"StopSignal":"SIGWINCH"},"Image":"sha256:2d9e3fa41a3cfb8f9870aafb92d454d7a635587b7d996df5ccaef5a4a689b122","ImageManifest":null,"NetworkSettings":{"Bridge":"","SandboxID":"84748987b5c08f256525d6b57dc7a1cd9a0f7f07050ce122aa26899e24f83206","SandboxKey":"/var/run/docker/netns/84748987b5c0","HairpinMode":false,"LinkLocalIPv6Address":"","LinkLocalIPv6PrefixLen":0,"Networks":{"misitio-net":{"IPAMConfig":null,"Links":null,"Aliases":null,"MacAddress":"02:42:ac:12:00:03","DriverOpts":null,"NetworkID":"8bb0b63d32493d1042e85404dafc4d18384c87f753e1ce89cbd48b2f29392c7e","EndpointID":"d5b60e517554e6b908b8c847577796ba202c26b5af0739fddbfaa131fd8b8453","Gateway":"172.18.0.1","IPAddress":"172.18.0.3","IPPrefixLen":16,"IPv6Gateway":"","GlobalIPv6Address":"","GlobalIPv6PrefixLen":0,"DNSNames":["sitio","0ea549807ad2"],"IPAMOperational":false,"DesiredMacAddress":""}},"Service":null,"Ports":{"80/tcp":null},"SecondaryIPAddresses":null,"SecondaryIPv6Addresses":null,"HasSwarmEndpoint":false},"LogPath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d-json.log","Name":"/sitio","Driver":"overlay2","OS":"linux","RestartCount":0,"HasBeenStartedBefore":true,"HasBeenManuallyStopped":false,"MountPoints":{"/var/www/html":{"Source":"/root/public_html","Destination":"/var/www/html","RW":true,"Name":"","Driver":"","Type":"bind","Propagation":"rprivate","Spec":{"Type":"bind","Source":"/root/public_html","Target":"/var/www/html"},"SkipMountpointCreation":false}},"SecretReferences":null,"ConfigReferences":null,"MountLabel":"","ProcessLabel":"","AppArmorProfile":"docker-default","SeccompProfile":"","NoNewPrivileges":false,"HostnamePath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/hostname","HostsPath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/hosts","ShmPath":"","ResolvConfPath":"/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c343798bd30af3ea519b364442d39d/resolv.conf","LocalLogCacheMeta":{"HaveNotifyEnabled":false}}

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# ^C

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# docker stop sitio

sitio

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d#

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d#

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d#

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d#

root@linuxvm:/var/lib/docker/containers/0ea549807ad2b4cc352f9c10cf9554e5b3c34379
8bd30af3ea519b364442d39d# cd

root@linuxvm:~# ls

public_html snap

root@linuxvm:~# docker ps

CONTAINER ID   IMAGE   COMMAND   CREATED   STATUS   PORTS
NAMES

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   38 minutes ago   Up 38 minutes
3306/tcp   mysql11

root@linuxvm:~# docker rm sitio

sitio

root@linuxvm:~# docker run -d --name sitio \

-p 8080 \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

805d3d8535f3235f3299d3be1aeea9618b90243a28066d7b436a63c2b304421a

```
root@linuxvm:~# docker ps

CONTAINER ID   IMAGE          COMMAND               CREATED        STATUS        PORTS
NAMES

805d3d8535f3   php:apache     "docker-php-entrypoi..."   5 seconds ago   Up 4 seconds
80/tcp, 0.0.0.0:32768->8080/tcp, [::]:32768->8080/tcp   sitio

dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s..."   38 minutes ago   Up 38 minutes
3306/tcp                        mysql11

root@linuxvm:~# mkdir public_html

mkdir: cannot create directory 'public_html': File exists

root@linuxvm:~# netstat -l

Active Internet connections (only servers)

Proto Recv-Q Send-Q Local Address       Foreign Address       State

tcp     0     0 0.0.0.0:32768        0.0.0.0:*         LISTEN

tcp     0     0 _localdnsproxy:domain  0.0.0.0:*         LISTEN

tcp     0     0 _localdnsstub:domain   0.0.0.0:*         LISTEN

tcp6    0     0 [::]:ssh           [::]:*          LISTEN

tcp6    0     0 [::]:32768          [::]:*          LISTEN

udp     0     0 _localdnsproxy:domain  0.0.0.0:*

udp     0     0 _localdnsstub:domain   0.0.0.0:*

udp     0     0 linuxvm:bootpc       0.0.0.0:*

udp     0     0 localhost:323        0.0.0.0:*

udp6    0     0 ip6-localhost:323     [::]:*

raw6    0     0 [::]:ipv6-icmp       [::]:*          7

Active UNIX domain sockets (only servers)

Proto RefCnt Flags    Type     State      I-Node  Path

unix  2    [ ACC ]   STREAM   LISTENING   73597   /var/run/priv_wdavdaemon.sock
```

```
unix  2   [ ACC ]   STREAM   LISTENING   1007   /run/systemd/io.systemd.sysext

unix  2   [ ACC ]   STREAM   LISTENING   8190   /var/snap/canonical-
livepatch/282/livepatchd-priv.sock

unix  2   [ ACC ]   STREAM   LISTENING   15174   /run/user/1000/systemd/private

unix  2   [ ACC ]   STREAM   LISTENING   14277   /run/user/1000/bus

unix  2   [ ACC ]   STREAM   LISTENING   15182   /run/user/1000/gnupg/S.dirmngr

unix  2   [ ACC ]   STREAM   LISTENING   15184   /run/user/1000/gnupg/S.gpg-
agent.browser

unix  2   [ ACC ]   STREAM   LISTENING   15186   /run/user/1000/gnupg/S.gpg-agent.extra

unix  2   [ ACC ]   STREAM   LISTENING   15200   /run/user/1000/gnupg/S.gpg-agent

unix  2   [ ACC ]   STREAM   LISTENING   15206   /run/user/1000/gnupg/S.keyboxd

unix  2   [ ACC ]   STREAM   LISTENING   15208   /run/user/1000/pk-debconf-socket

unix  2   [ ACC ]   STREAM   LISTENING   59903   /run/snapd.socket

unix  2   [ ACC ]   STREAM   LISTENING   15210   /run/user/1000/snapd-session-
agent.socket

unix  2   [ ACC ]   STREAM   LISTENING   59904   /run/snapd-snap.socket

unix  2   [ ACC ]   STREAM   LISTENING   15220   /run/user/1000/gnupg/S.gpg-agent.ssh

unix  2   [ ACC ]   STREAM   LISTENING   8192   /var/snap/canonical-
livepatch/282/livepatchd.sock

unix  2   [ ACC ]   STREAM   LISTENING   4853
/run/systemd/resolve/io.systemd.Resolve

unix  2   [ ACC ]   STREAM   LISTENING   4854
/run/systemd/resolve/io.systemd.Resolve.Monitor

unix  2   [ ACC ]   STREAM   LISTENING   439    /run/systemd/private

unix  2   [ ACC ]   STREAM   LISTENING   441
/run/systemd/userdb/io.systemd.DynamicUser

unix  2   [ ACC ]   STREAM   LISTENING   442    /run/systemd/io.systemd.ManagedOOM

unix  2   [ ACC ]   STREAM   LISTENING   25897   /run/containerd/containerd.sock.ttrpc
```

```
unix  2   [ ACC ]   STREAM   LISTENING   25898  /run/containerd/containerd.sock

unix  2   [ ACC ]   STREAM   LISTENING   456    /run/lvm/lvmpolld.socket

unix  2   [ ACC ]   STREAM   LISTENING   1745   /run/systemd/fsck.progress

unix  2   [ ACC ]   STREAM   LISTENING   462    /run/systemd/journal/stdout

unix  2   [ ACC ]   SEQPACKET LISTENING   465    /run/udev/control

unix  2   [ ACC ]   STREAM   LISTENING   1806   /run/systemd/journal/io.systemd.journal

unix  2   [ ACC ]   STREAM   LISTENING   88877
/run/containerd/s/bd6449e3b1fb049be1df5435156e1bf5827ebc21b1dfa9721e762d46327
d85f9

unix  2   [ ACC ]   STREAM   LISTENING   26669  /run/docker.sock

unix  2   [ ACC ]   STREAM   LISTENING   26703  /var/run/docker/metrics.sock

unix  2   [ ACC ]   STREAM   LISTENING   26840
/var/run/docker/libnetwork/1ca3d7acfb0e.sock

unix  2   [ ACC ]   STREAM   LISTENING   31389
/run/containerd/s/4d037cedb143b795ebabd1c5e9f8d2d987e9fab76c09f2b58ba98140e59
e1da7

unix  2   [ ACC ]   STREAM   LISTENING   6472   /run/dbus/system_bus_socket

unix  2   [ ACC ]   STREAM   LISTENING   5899   /run/lxd-installer.socket

unix  2   [ ACC ]   STREAM   LISTENING   5900   /run/mde_netfilter.sock

unix  2   [ ACC ]   STREAM   LISTENING   5908   /run/uuidd/request

unix  2   [ ACC ]   STREAM   LISTENING   73595  /var/run/wdavdaemon.sock

unix  2   [ ACC ]   STREAM   LISTENING   1744   @/org/kernel/linux/storage/multipathd

unix  2   [ ACC ]   STREAM   LISTENING   5898   @ISCSIADM_ABSTRACT_NAMESPACE

root@linuxvm:~# netstat -l

Active Internet connections (only servers)

Proto Recv-Q Send-Q Local Address       Foreign Address       State

tcp     0     0 0.0.0.0:32768       0.0.0.0:*           LISTEN
```

```
tcp    0    0 _localdnsproxy:domain  0.0.0.0:*        LISTEN

tcp    0    0 _localdnsstub:domain   0.0.0.0:*        LISTEN

tcp6   0    0 [::]:ssh           [::]:*           LISTEN

tcp6   0    0 [::]:32768         [::]:*           LISTEN

udp    0    0 _localdnsproxy:domain  0.0.0.0:*

udp    0    0 _localdnsstub:domain   0.0.0.0:*

udp    0    0 linuxvm:bootpc       0.0.0.0:*

udp    0    0 localhost:323        0.0.0.0:*

udp6   0    0 ip6-localhost:323    [::]:*

raw6   0    0 [::]:ipv6-icmp       [::]:*           7
```

Active UNIX domain sockets (only servers)

```
Proto RefCnt Flags    Type     State     I-Node  Path

unix 2   [ ACC ]   STREAM   LISTENING   73597   /var/run/priv_wdavdaemon.sock

unix 2   [ ACC ]   STREAM   LISTENING   1007    /run/systemd/io.systemd.sysext

unix 2   [ ACC ]   STREAM   LISTENING   8190    /var/snap/canonical-
livepatch/282/livepatchd-priv.sock

unix 2   [ ACC ]   STREAM   LISTENING   15174   /run/user/1000/systemd/private

unix 2   [ ACC ]   STREAM   LISTENING   14277   /run/user/1000/bus

unix 2   [ ACC ]   STREAM   LISTENING   15182   /run/user/1000/gnupg/S.dirmngr

unix 2   [ ACC ]   STREAM   LISTENING   15184   /run/user/1000/gnupg/S.gpg-
agent.browser

unix 2   [ ACC ]   STREAM   LISTENING   15186   /run/user/1000/gnupg/S.gpg-agent.extra

unix 2   [ ACC ]   STREAM   LISTENING   15200   /run/user/1000/gnupg/S.gpg-agent

unix 2   [ ACC ]   STREAM   LISTENING   15206   /run/user/1000/gnupg/S.keyboxd

unix 2   [ ACC ]   STREAM   LISTENING   15208   /run/user/1000/pk-debconf-socket

unix 2   [ ACC ]   STREAM   LISTENING   59903   /run/snapd.socket
```

```
unix  2   [ ACC ]   STREAM   LISTENING   15210  /run/user/1000/snapd-session-
agent.socket

unix 2   [ ACC ]   STREAM   LISTENING   59904   /run/snapd-snap.socket

unix 2   [ ACC ]   STREAM   LISTENING   15220   /run/user/1000/gnupg/S.gpg-agent.ssh

unix 2   [ ACC ]   STREAM   LISTENING   8192   /var/snap/canonical-
livepatch/282/livepatchd.sock

unix 2   [ ACC ]   STREAM   LISTENING   4853
/run/systemd/resolve/io.systemd.Resolve

unix 2   [ ACC ]   STREAM   LISTENING   4854
/run/systemd/resolve/io.systemd.Resolve.Monitor

unix 2   [ ACC ]   STREAM   LISTENING   439    /run/systemd/private

unix 2   [ ACC ]   STREAM   LISTENING   441
/run/systemd/userdb/io.systemd.DynamicUser

unix 2   [ ACC ]   STREAM   LISTENING   442    /run/systemd/io.systemd.ManagedOOM

unix 2   [ ACC ]   STREAM   LISTENING   25897  /run/containerd/containerd.sock.ttrpc

unix 2   [ ACC ]   STREAM   LISTENING   25898  /run/containerd/containerd.sock

unix 2   [ ACC ]   STREAM   LISTENING   456    /run/lvm/lvmpolld.socket

unix 2   [ ACC ]   STREAM   LISTENING   1745   /run/systemd/fsck.progress

unix 2   [ ACC ]   STREAM   LISTENING   462    /run/systemd/journal/stdout

unix 2   [ ACC ]   SEQPACKET  LISTENING   465    /run/udev/control

unix 2   [ ACC ]   STREAM   LISTENING   1806   /run/systemd/journal/io.systemd.journal

unix 2   [ ACC ]   STREAM   LISTENING   88877
/run/containerd/s/bd6449e3b1fb049be1df5435156e1bf5827ebc21b1dfa9721e762d46327
d85f9

unix 2   [ ACC ]   STREAM   LISTENING   26669  /run/docker.sock

unix 2   [ ACC ]   STREAM   LISTENING   26703  /var/run/docker/metrics.sock

unix 2   [ ACC ]   STREAM   LISTENING   26840
/var/run/docker/libnetwork/1ca3d7acfb0e.sock
```

```
unix 2   [ ACC ]   STREAM   LISTENING   31389
/run/containerd/s/4d037cedb143b795ebabd1c5e9f8d2d987e9fab76c09f2b58ba98140e59
e1da7

unix 2   [ ACC ]   STREAM   LISTENING   6472   /run/dbus/system_bus_socket

unix 2   [ ACC ]   STREAM   LISTENING   5899   /run/lxd-installer.socket

unix 2   [ ACC ]   STREAM   LISTENING   5900   /run/mde_netfilter.sock

unix 2   [ ACC ]   STREAM   LISTENING   5908   /run/uuidd/request

unix 2   [ ACC ]   STREAM   LISTENING   73595   /var/run/wdavdaemon.sock

unix 2   [ ACC ]   STREAM   LISTENING   1744   @/org/kernel/linux/storage/multipathd

unix 2   [ ACC ]   STREAM   LISTENING   5898   @ISCSIADM_ABSTRACT_NAMESPACE

root@linuxvm:~# docker ps

CONTAINER ID   IMAGE        COMMAND          CREATED      STATUS      PORTS
NAMES

805d3d8535f3   php:apache     "docker-php-entrypoi..."   2 minutes ago   Up 2 minutes
80/tcp, 0.0.0.0:32768->8080/tcp, [::]:32768->8080/tcp   sitio

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   40 minutes ago   Up 40 minutes
3306/tcp                         mysql11

root@linuxvm:~# docker exec sitio

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.


Usage:  docker exec [OPTIONS] CONTAINER COMMAND [ARG...]


Execute a command in a running container

root@linuxvm:~# docker exec 805d3d8535f3

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.
```

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Execute a command in a running container

root@linuxvm:~# docker exec

mysql11 sitio

root@linuxvm:~# docker exec

mysql11 sitio

root@linuxvm:~# docker exec

mysql11 sitio

root@linuxvm:~# docker exec sitio

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Execute a command in a running container

root@linuxvm:~# docker exec sitio

mysql11 sitio

root@linuxvm:~# docker exec sitio sitio

mysql11 sitio

root@linuxvm:~# docker exec sitio sitio

mysql11 sitio

root@linuxvm:~# docker

attach   buildx   config   cp   events   help   images   inspect   login   manifest
pause   ps   rename   rmi   search   stack   stop   tag   unpause volume

build   commit   container   create   exec   history   import   kill   logout   network
plugin   pull   restart   run   secret   start   swarm   top   update   wait

builder   compose   context   diff   export   image   info   load   logs   node   port
push   rm   save   service   stats   system   trust   version

root@linuxvm:~# docker exec sitio netstat

OCI runtime exec failed: exec failed: unable to start container process: exec: "netstat": executable file not found in $PATH: unknown

root@linuxvm:~# docker exec sitio

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Execute a command in a running container

root@linuxvm:~# docker exec -it sitio

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Execute a command in a running container

root@linuxvm:~# docker exec -it sitio /bin/bash

root@805d3d8535f3:/var/www/html# ls

index.html

root@805d3d8535f3:/var/www/html# curl http://127.0.0.1:8080

curl: (7) Failed to connect to 127.0.0.1 port 8080 after 0 ms: Couldn't connect to server

root@805d3d8535f3:/var/www/html# curl http://127.0.0.1:80

```html
<!DOCTYPE html>

<html>

  <head>

    Prueba de Servidor Web

  </head>

  <body>

    Alumno: Max Madrigal

  </body>

</html>
```

root@805d3d8535f3:/var/www/html# exit

exit

root@linuxvm:~# ls

public_html snap

root@linuxvm:~# docker stop sitio

sitio

root@linuxvm:~# docket rm sitio

Command 'docket' not found, did you mean:

  command 'docker' from snap docker (24.0.5)

  command 'docker' from deb docker.io (24.0.7-0ubuntu4.1)

  command 'docker' from deb podman-docker (4.9.3+ds1-1ubuntu0.2)

  command 'socket' from deb socket (1.1-10.1)

See 'snap info <snapname>' for additional versions.

root@linuxvm:~# docker rm sitio

sitio

root@linuxvm:~# docker run -d --name sitio \

-p 80:8080 \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

8847a202964bc8c90079e064ea700adb897f41a9ef4dc48e3e8b39e926aaea02

root@linuxvm:~# docker ps

```
CONTAINER ID   IMAGE         COMMAND             CREATED        STATUS        PORTS
NAMES

8847a202964b   php:apache    "docker-php-entrypoi..."  16 seconds ago  Up 15 seconds
80/tcp, 0.0.0.0:80->8080/tcp, [::]:80->8080/tcp   sitio

dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s..."  47 minutes ago  Up 47 minutes
3306/tcp                    mysql11
```

root@linuxvm:~# docker stop sitio

sitio

root@linuxvm:~# docker rm sitio

sitio

root@linuxvm:~# docker run -d --name sitio \

-p 8080:80 \

--network misitio-net \

-v $(pwd)/public_html:/var/www/html \

php:apache

af5e75f23495c2ecc762397235f11f6b4b6a4ab05b0b99536897019455c52502

root@linuxvm:~# docker ps

```
CONTAINER ID   IMAGE         COMMAND             CREATED        STATUS        PORTS
NAMES

af5e75f23495   php:apache    "docker-php-entrypoi..."  52 seconds ago  Up 51 seconds
0.0.0.0:8080->80/tcp, [::]:8080->80/tcp   sitio

dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s..."  48 minutes ago  Up 48 minutes
3306/tcp                    mysql11
```

```
root@linuxvm:~# sudo curl -L
"https://github.com/docker/compose/releases/download/1.29.2/docker-compose-
$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose

 % Total   % Received % Xferd  Average Speed  Time   Time    Time  Current
                             Dload  Upload  Total  Spent  Left  Speed
  0    0   0    0   0    0     0     0 --:--:-- --:--:-- --:--:--    0
100 12.1M  100 12.1M    0    0  14.3M     0 --:--:-- --:--:-- --:--:-- 19.5M
root@linuxvm:~# sudo chmod +x /usr/local/bin/docker-compose
root@linuxvm:~# docker-compose --version
docker-compose version 1.29.2, build 5becea4c
root@linuxvm:~# echo > docker-composer.yml
root@linuxvm:~# nano docker-composer.yml
root@linuxvm:~# docker-compose up -d
ERROR:
      Can't find a suitable configuration file in this directory or any

      parent. Are you in the right directory?


      Supported filenames: docker-compose.yml, docker-compose.yaml, compose.yml,
compose.yaml


root@linuxvm:~# ls
docker-composer.yml  public_html  snap
root@linuxvm:~# mv docker-composer.yml docker-compose.yml
root@linuxvm:~# cat docker-compose.yml
version: '3'


services:
```

```yaml
  sitio:

    image: php:apache

    container_name: sitiodos

    ports:

      - 8081:80

    volumes:

      - ./public_html:/var/www/html

    networks:

      - misitio-net


  misitiodb:

    image: mariadb:latest

    container_name: misitiodb

    volumes:

      - websitedbvolume:/var/lib/mysql

    environment:

      MYSQL_ROOT_PASSWORD: "carlos.123"

      MYSQL_USER: 'carlos'

      MYSQL_PASSWORD: 'carlos.123'

      MYSQL_DATABASE: misitiodb

    networks:

      - misitio-net


networks:

  misitio-net:
```

volumes:

 websitedbvolume:

```
root@linuxvm:~# docker-compose up -d

Creating network "root_misitio-net" with the default driver

Creating volume "root_websitedbvolume" with default driver

Creating misitiodb ... done

Creating sitiodos  ... done

root@linuxvm:~# docker ps

CONTAINER ID   IMAGE         COMMAND            CREATED        STATUS       PORTS
NAMES

1ea7b1a93598   php:apache     "docker-php-entrypoi..."  30 seconds ago   Up 28 seconds
0.0.0.0:8081->80/tcp, [::]:8081->80/tcp   sitiodos

53eb65fde771   mariadb:latest  "docker-entrypoint.s..."  30 seconds ago   Up 29 seconds
3306/tcp                misitiodb

af5e75f23495   php:apache     "docker-php-entrypoi..."  4 minutes ago   Up 4 minutes
0.0.0.0:8080->80/tcp, [::]:8080->80/tcp   sitio

dd45d2d40b2c   mariadb:latest  "docker-entrypoint.s..."  52 minutes ago   Up 52 minutes
3306/tcp                mysql11

root@linuxvm:~# ls

docker-compose.yml  public_html  snap

root@linuxvm:~# sudo docker-compose logs -f

Attaching to sitiodos, misitiodb

misitiodb   | 2024-11-09 00:36:07+00:00 [Note] [Entrypoint]: Entrypoint script for MariaDB
Server 1:11.5.2+maria~ubu2404 started.

misitiodb   | 2024-11-09 00:36:08+00:00 [Warn] [Entrypoint]:
/sys/fs/cgroup///memory.pressure not writable, functionality unavailable to MariaDB
```

misitiodb | 2024-11-09 00:36:08+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'

misitiodb | 2024-11-09 00:36:08+00:00 [Note] [Entrypoint]: Entrypoint script for MariaDB Server 1:11.5.2+maria~ubu2404 started.

misitiodb | 2024-11-09 00:36:08+00:00 [Note] [Entrypoint]: Initializing database files

misitiodb | 2024-11-09 0:36:08 0 [Warning] mariadbd: io_uring_queue_init() failed with errno 95

misitiodb | 2024-11-09 0:36:08 0 [Warning] InnoDB: liburing disabled: falling back to innodb_use_native_aio=OFF

misitiodb | 2024-11-09 00:36:15+00:00 [Note] [Entrypoint]: Database files initialized

misitiodb | 2024-11-09 00:36:15+00:00 [Note] [Entrypoint]: Starting temporary server

misitiodb | 2024-11-09 00:36:15+00:00 [Note] [Entrypoint]: Waiting for server startup

misitiodb | 2024-11-09 0:36:15 0 [Note] Starting MariaDB 11.5.2-MariaDB-ubu2404 source revision ea75a0b6009b0251e83193cd38c3974e36b65e06 server_uid boI2yEWnP+b4JlB7IyqfY5XtYeU= as process 87

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Compressed tables use zlib 1.3

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Using transactional memory

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Number of transaction pools: 1

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions

misitiodb | 2024-11-09 0:36:15 0 [Note] mariadbd: O_TMPFILE is not supported on /tmp (disabling future attempts)

misitiodb | 2024-11-09 0:36:15 0 [Warning] mariadbd: io_uring_queue_init() failed with errno 95

misitiodb | 2024-11-09 0:36:15 0 [Warning] InnoDB: liburing disabled: falling back to innodb_use_native_aio=OFF

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Completed initialization of buffer pool

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: File system buffers for log disabled (block size=4096 bytes)

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: End of log at LSN=47629

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Opened 3 undo tablespaces

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: 128 rollback segments in 3 undo tablespaces are active.

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please wait ...

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.

misitiodb | 2024-11-09 0:36:15 0 [Note] InnoDB: log sequence number 47629; transaction id 14

misitiodb | 2024-11-09 0:36:15 0 [Note] Plugin 'FEEDBACK' is disabled.

misitiodb | 2024-11-09 0:36:15 0 [Note] Plugin 'wsrep-provider' is disabled.

misitiodb | 2024-11-09 0:36:17 0 [Note] mariadbd: Event Scheduler: Loaded 0 events

misitiodb | 2024-11-09 0:36:17 0 [Note] mariadbd: ready for connections.

misitiodb | Version: '11.5.2-MariaDB-ubu2404' socket: '/run/mysqld/mysqld.sock' port: 0 mariadb.org binary distribution

misitiodb | 2024-11-09 00:36:18+00:00 [Note] [Entrypoint]: Temporary server started.

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Creating database misitiodb

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Creating user carlos

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Giving user carlos access to schema misitiodb

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Securing system users (equivalent to running mysql_secure_installation)

misitiodb |

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Stopping temporary server

misitiodb | 2024-11-09 0:36:19 0 [Note] mariadbd (initiated by: unknown): Normal shutdown

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: FTS optimize thread exiting.

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Starting shutdown...

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Dumping buffer pool(s) to /var/lib/mysql/ib_buffer_pool

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Buffer pool(s) dump completed at 241109 0:36:19

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Removed temporary tablespace data file: "./ibtmp1"

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Shutdown completed; log sequence number 47629; transaction id 15

misitiodb | 2024-11-09 0:36:19 0 [Note] mariadbd: Shutdown complete

misitiodb |

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: Temporary server stopped

misitiodb |

misitiodb | 2024-11-09 00:36:19+00:00 [Note] [Entrypoint]: MariaDB init process done. Ready for start up.

misitiodb |

misitiodb | 2024-11-09 0:36:19 0 [Note] Starting MariaDB 11.5.2-MariaDB-ubu2404 source revision ea75a0b6009b0251e83193cd38c3974e36b65e06 server_uid boI2yEWnP+b4JlB7IyqfY5XtYeU= as process 1

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Compressed tables use zlib 1.3

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Using transactional memory

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Number of transaction pools: 1

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions

misitiodb | 2024-11-09 0:36:19 0 [Note] mariadbd: O_TMPFILE is not supported on /tmp (disabling future attempts)

misitiodb | 2024-11-09 0:36:19 0 [Warning] mariadbd: io_uring_queue_init() failed with errno 95

misitiodb | 2024-11-09 0:36:19 0 [Warning] InnoDB: liburing disabled: falling back to innodb_use_native_aio=OFF

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Completed initialization of buffer pool

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: File system buffers for log disabled (block size=4096 bytes)

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: End of log at LSN=47629

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Opened 3 undo tablespaces

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: 128 rollback segments in 3 undo tablespaces are active.

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please wait ...

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: log sequence number 47629; transaction id 14

misitiodb | 2024-11-09 0:36:19 0 [Note] Plugin 'FEEDBACK' is disabled.

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Loading buffer pool(s) from /var/lib/mysql/ib_buffer_pool

misitiodb | 2024-11-09 0:36:19 0 [Note] Plugin 'wsrep-provider' is disabled.

misitiodb | 2024-11-09 0:36:19 0 [Note] InnoDB: Buffer pool(s) load completed at 241109 0:36:19

misitiodb | 2024-11-09 0:36:21 0 [Note] Server socket created on IP: '0.0.0.0'.

misitiodb | 2024-11-09 0:36:21 0 [Note] Server socket created on IP: '::'.

misitiodb | 2024-11-09 0:36:21 0 [Note] mariadbd: Event Scheduler: Loaded 0 events

misitiodb | 2024-11-09 0:36:21 0 [Note] mariadbd: ready for connections.

misitiodb | Version: '11.5.2-MariaDB-ubu2404' socket: '/run/mysqld/mysqld.sock' port: 3306 mariadb.org binary distribution

sitiodos | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.19.0.3. Set the 'ServerName' directive globally to suppress this message

sitiodos | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.19.0.3. Set the 'ServerName' directive globally to suppress this message

sitiodos | [Sat Nov 09 00:36:07.922318 2024] [mpm_prefork:notice] [pid 1:tid 1] AH00163: Apache/2.4.62 (Debian) PHP/8.3.13 configured -- resuming normal operations

sitiodos | [Sat Nov 09 00:36:07.922392 2024] [core:notice] [pid 1:tid 1] AH00094: Command line: 'apache2 -D FOREGROUND'

sitiodos | 190.171.113.123 - - [09/Nov/2024:00:38:25 +0000] "GET / HTTP/1.1" 200 446 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/130.0.0.0 Safari/537.36 Edg/130.0.0.0"

sitiodos | 190.171.113.123 - - [09/Nov/2024:00:38:25 +0000] "GET /favicon.ico HTTP/1.1" 404 494 "http://68.221.169.223:8081/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/130.0.0.0 Safari/537.36 Edg/130.0.0.0"

sudo docker-compose ps

^CERROR: Aborting.

root@linuxvm:~# ^C

root@linuxvm:~# sudo docker-compose ps

```
 Name          Command        State         Ports
-------------------------------------------------------------------------------------------
misitiodb   docker-entrypoint.sh mariadbd   Up     3306/tcp

sitiodos    docker-php-entrypoint apac ...   Up     0.0.0.0:8081->80/tcp,:::8081->80/tcp
```

root@linuxvm:~# docker ps

```
CONTAINER ID  IMAGE       COMMAND           CREATED       STATUS      PORTS
NAMES

1ea7b1a93598  php:apache    "docker-php-entrypoi..."  3 minutes ago   Up 3 minutes
0.0.0.0:8081->80/tcp, [::]:8081->80/tcp   sitiodos
```

53eb65fde771   mariadb:latest   "docker-entrypoint.s..."   3 minutes ago   Up 3 minutes
3306/tcp   misitiodb

af5e75f23495   php:apache   "docker-php-entrypoi..."   7 minutes ago   Up 7 minutes
0.0.0.0:8080->80/tcp, [::]:8080->80/tcp   sitio

dd45d2d40b2c   mariadb:latest   "docker-entrypoint.s..."   55 minutes ago   Up 55 minutes
3306/tcp   mysql11

root@linuxvm:~# FROM php:8.1-apache

RUN apt-get update && apt-get install -y \

    libfreetype6-dev \

    libjpeg62-turbo-dev \

    libmcrypt-dev \

  libicu-dev \

   libxml2-dev \

  vim \

    wget \

    unzip \

  && docker-php-ext-install -j$(nproc) iconv intl opcache \

  && docker-php-ext-install -j$(nproc) gd \

  && docker-php-ext-install pdo_mysql exif gettext mysqli

FROM: command not found

RUN: command not found

root@linuxvm:~# echo > Dockerfile

root@linuxvm:~# nano Dockerfile

root@linuxvm:~# cat Dockerfile

FROM php:8.1-apache

RUN apt-get update && apt-get install -y \

    libfreetype6-dev \

```
    libjpeg62-turbo-dev \

    libmcrypt-dev \

  libicu-dev \

   libxml2-dev \

  vim \

    wget \

    unzip \

  && docker-php-ext-install -j$(nproc) iconv intl opcache \

  && docker-php-ext-install -j$(nproc) gd \

  && docker-php-ext-install pdo_mysql exif gettext mysqli
```

root@linuxvm:~# docker build -t miprimeraimagen:v1 .

[+] Building 148.5s (6/6) FINISHED
docker:default

 => [internal] load build definition from Dockerfile
0.2s

 => => transferring dockerfile: 429B
0.0s

 => [internal] load metadata for docker.io/library/php:8.1-apache
1.4s

 => [internal] load .dockerignore
0.1s

 => => transferring context: 2B
0.0s

 => [1/2] FROM docker.io/library/php:8.1-
apache@sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc
0dde   17.9s

```
 => => resolve docker.io/library/php:8.1-
apache@sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc
0dde                                                  0.1s

 => =>
sha256:6ace191ac8d0e3c4d1dc727e6d5c00424a48a1ab9d6aaf078dafe01e2a3169ac
3.64kB / 3.64kB                                       0.0s

 => =>
sha256:1d5923881530ea76e6dee80efe753a158b8fa3ddeaa62f085da06c86d3d595fe
225B / 225B                                           0.2s

 => =>
sha256:68cc60a9ac15484c2eb425c882c3125867d5bc9af31ff887a78f38be89bc0dde
10.40kB / 10.40kB                                     0.0s

 => =>
sha256:80fb36fbb9aaa0103623e9e157481c7527b37b2ed084006fddccf8a78e0ca6f1
104.34MB / 104.34MB                                   2.4s

 => =>
sha256:50977af08c78837b116895c022b32ed195d73e94e329c32901c8e8d27ca9a953
11.53kB / 11.53kB                                     0.0s

 => =>
sha256:13ce8114bd056ed702ab3918154808f17fc19709880d196ad4178bcb7f6a577a
223B / 223B                                           0.4s

 => => extracting
sha256:1d5923881530ea76e6dee80efe753a158b8fa3ddeaa62f085da06c86d3d595fe
0.0s

 => => sha256:335e019fcbe1b2248fff82029424ef93e4c1fda2fb2179b338cc5eb78de89e5a
20.12MB / 20.12MB                                     0.9s

 => =>
sha256:b5f29cbf15823a2f985e291d9f2ca3d8013df1394ad63ddba1b195c6ab01404c
430B / 430B                                           0.9s

 => => sha256:346805f9cf697be14cb6fea107cbd0301bbaf185f38edf77953f559f3072b854
479B / 479B                                           2.6s
```

```
 => => extracting
sha256:80fb36fbb9aaa0103623e9e157481c7527b37b2ed084006fddccf8a78e0ca6f1
4.2s

 => =>
sha256:f9ed1285cc1d4329225e99b6a1fc351cfd4011313a07aa43bc9b3d73bafae0a6
487B / 487B                                                          2.6s

 => =>
sha256:bea11a31f10c9875f39a0da4f660929e04cd9c7c9a478ed232a3043e605608a5
11.98MB / 11.98MB                                                    3.0s

 => =>
sha256:c16ce22ed84dbc98de9a995b57c0e96095c1e37feb6dd820f2163355a63e4db9
11.15MB / 11.15MB                                                    3.5s

 => =>
sha256:f98ed6b150803e69bf91d0f403db49a9fce8d600bece18ead61f2e72bb6c1578
2.46kB / 2.46kB                                                      3.1s

 => =>
sha256:1088a6234d4b0065d944e2b2f9fcfa29d34eea126f9b7abc77fb54777d977da3
244B / 244B                                                          3.6s

 => =>
sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1 32B
/ 32B                                                                3.7s

 => =>
sha256:484d8f1f8c16c47833769853a3d20f881c2107fb8109e50c0879b861d912186c
891B / 891B                                                          3.6s

 => => extracting
sha256:13ce8114bd056ed702ab3918154808f17fc19709880d196ad4178bcb7f6a577a
0.0s

 => => extracting
sha256:335e019fcbe1b2248fff82029424ef93e4c1fda2fb2179b338cc5eb78de89e5a
0.6s

 => => extracting
sha256:b5f29cbf15823a2f985e291d9f2ca3d8013df1394ad63ddba1b195c6ab01404c
0.0s
```

=> => extracting sha256:346805f9cf697be14cb6fea107cbd0301bbaf185f38edf77953f559f3072b854 0.0s

=> => extracting sha256:bea11a31f10c9875f39a0da4f660929e04cd9c7c9a478ed232a3043e605608a5 0.1s

=> => extracting sha256:f9ed1285cc1d4329225e99b6a1fc351cfd4011313a07aa43bc9b3d73bafae0a6 0.0s

=> => extracting sha256:c16ce22ed84dbc98de9a995b57c0e96095c1e37feb6dd820f2163355a63e4db9 0.5s

=> => extracting sha256:f98ed6b150803e69bf91d0f403db49a9fce8d600bece18ead61f2e72bb6c1578 0.0s

=> => extracting sha256:1088a6234d4b0065d944e2b2f9fcfa29d34eea126f9b7abc77fb54777d977da3 0.0s

=> => extracting sha256:484d8f1f8c16c47833769853a3d20f881c2107fb8109e50c0879b861d912186c 0.0s

=> => extracting sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1 0.0s

=> [2/2] RUN apt-get update && apt-get install -y   libfreetype6-dev   libjpeg62-turbo-dev   libmcrypt-dev libicu-dev libxml2-dev vim   wget   unzip   && docker-php-ext-install -j$(n 126.8s

=> exporting to image 1.8s

=> => exporting layers 1.7s

=> => writing image
sha256:d823804b00cbd94d070fc3e732a8844cf447847e9e03fe9683b0b1daad5d07c2
0.0s

 => => naming to docker.io/library/miprimeraimagen:v1
0.0s

root@linuxvm:~#