



Ingeniería en Desarrollo de Tecnología y Software

Fundamentos de la Nube

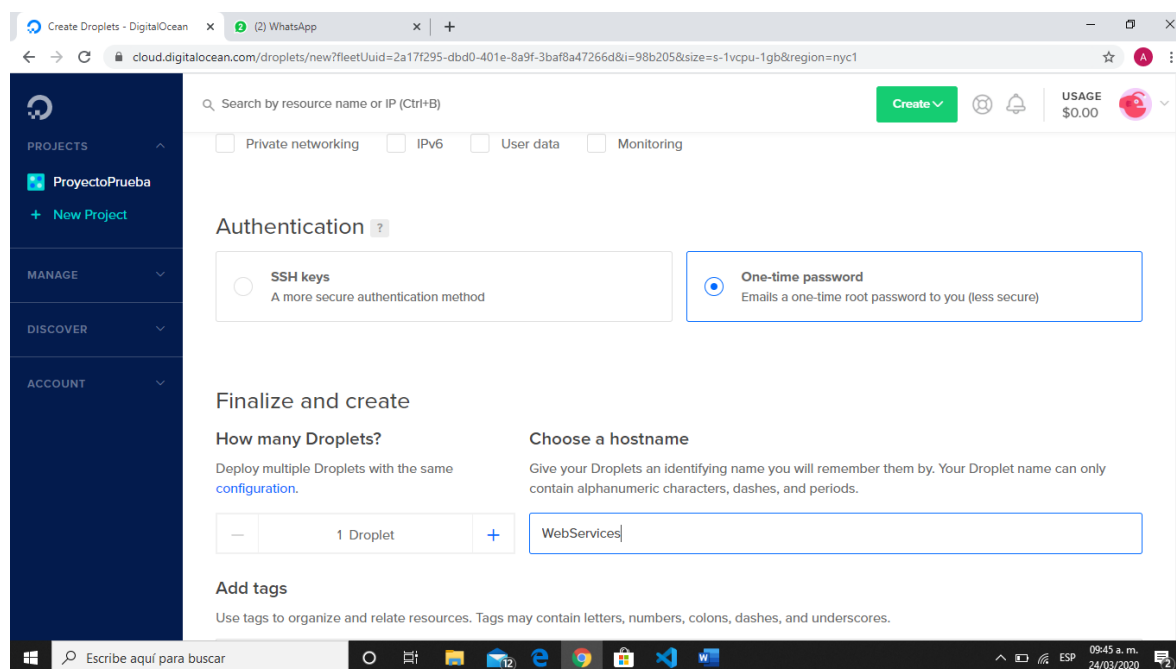
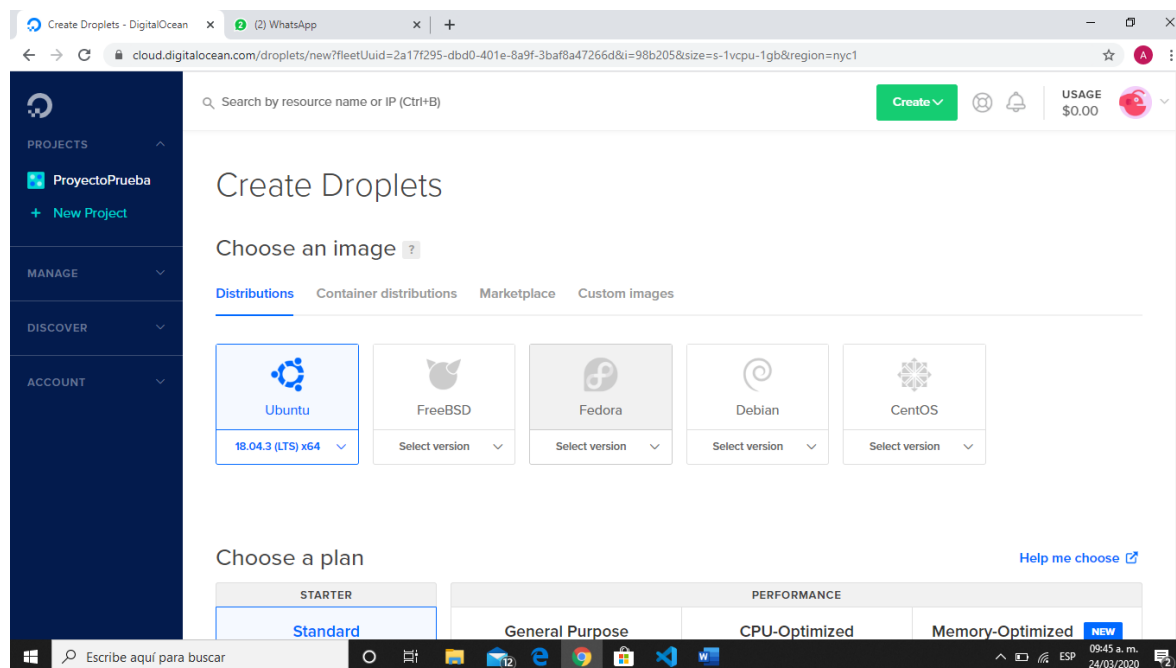
Arturo Ayala Góngora

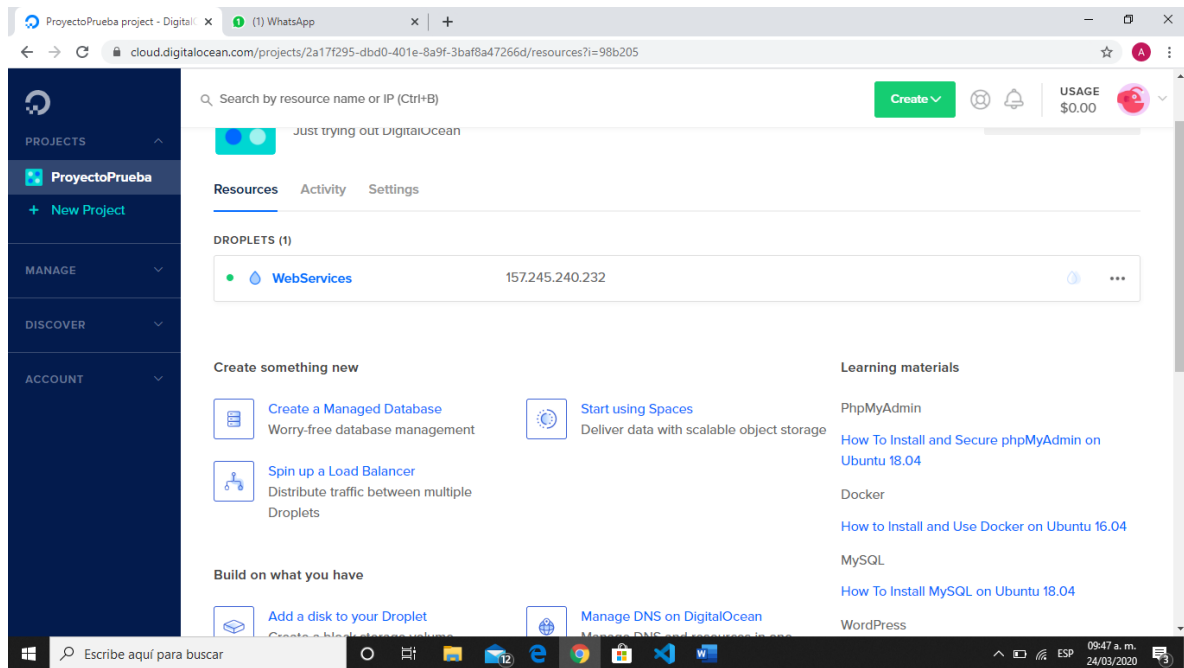
Ingeniero Alfredo Bolio

4 semestre

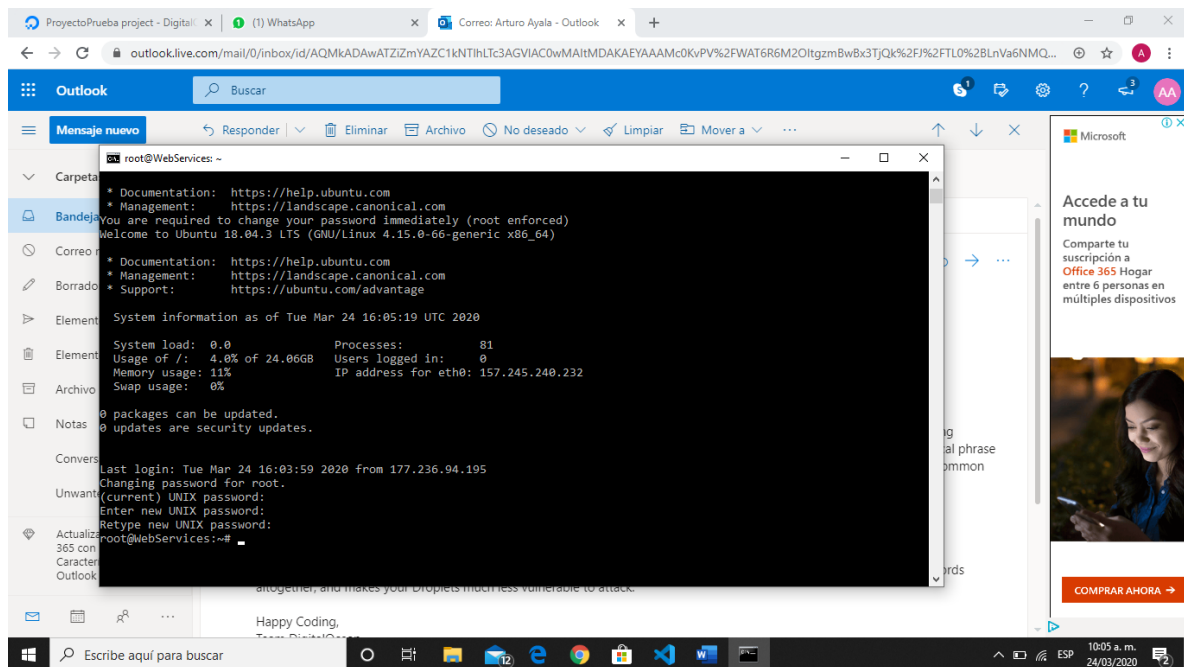
Fecha de entrega: 26/03/2020

Una vez creada la cuenta, crear un Droplet completando los puntos básicos que pide.

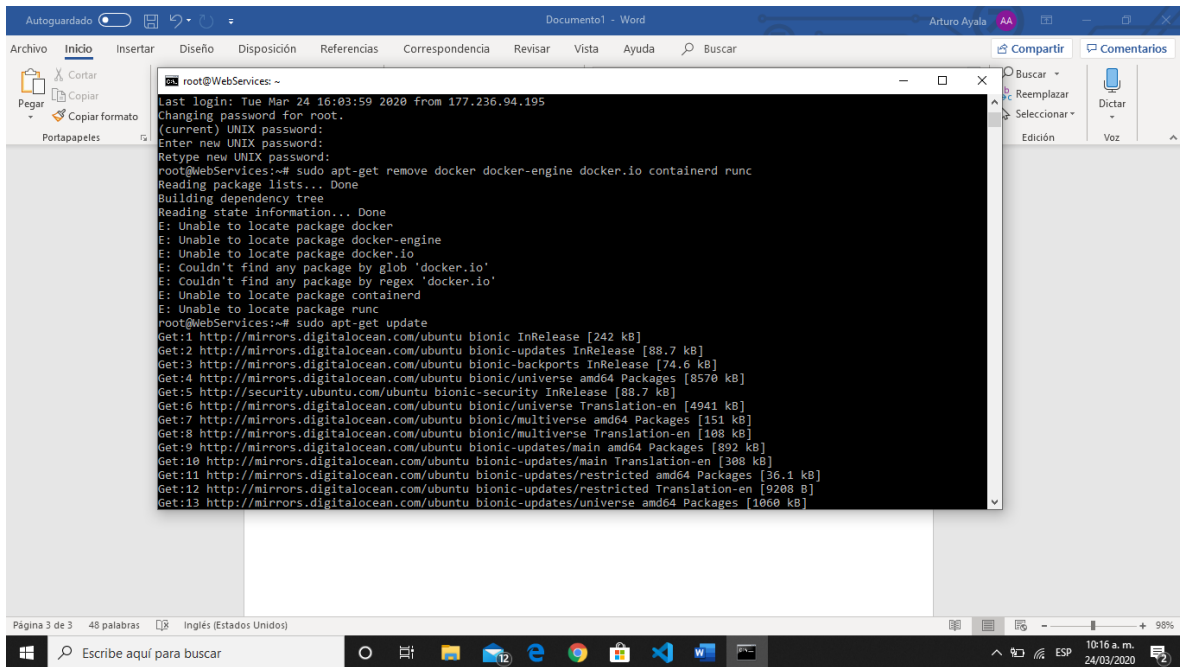




Se abre el cmd, se copia la dirección IP, le decimos que sí y copiamos la contraseña que nos mandan por correo y le cambiamos la contraseña.

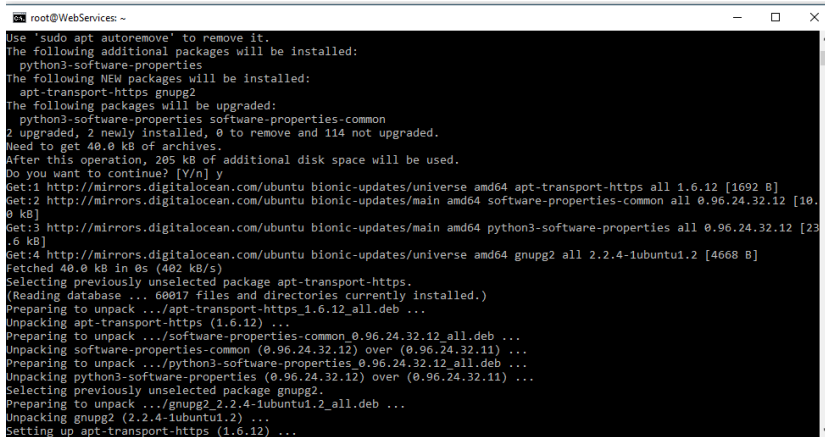


Luego instalamos Docker desinstalando cualquier versión anterior.



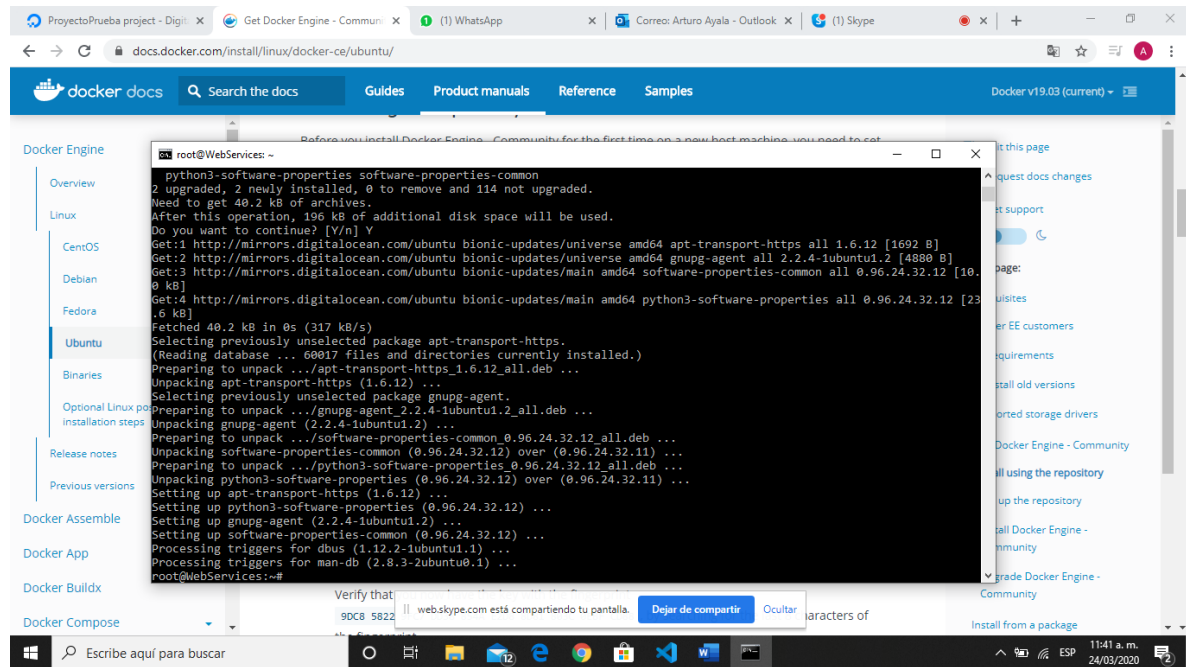
```
root@WebServices: ~  
Last login: Tue Mar 24 16:03:59 2020 from 177.236.94.195  
Changing password for root.  
(current) UNIX password:  
Enter new UNIX password:  
Retype new UNIX password:  
root@WebServices:~# sudo apt-get remove docker docker-engine docker.io containerd runc  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
E: Unable to locate package docker  
E: Unable to locate package docker-engine  
E: Unable to locate package docker.io  
E: Couldn't find any package by glob 'docker.io'  
E: Couldn't find any package by regex 'docker.io'  
E: Unable to locate package containerd  
E: Unable to locate package runc  
root@WebServices:~# sudo apt-get update  
Get:1 http://mirrors.digitalocean.com/ubuntu bionic InRelease [242 kB]  
Get:2 http://mirrors.digitalocean.com/ubuntu bionic-updates InRelease [88.7 kB]  
Get:3 http://mirrors.digitalocean.com/ubuntu bionic-backports InRelease [74.6 kB]  
Get:4 http://mirrors.digitalocean.com/ubuntu bionic/universe amd64 Packages [8570 kB]  
Get:5 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]  
Get:6 http://mirrors.digitalocean.com/ubuntu bionic/universe Translation-en [4941 kB]  
Get:7 http://mirrors.digitalocean.com/ubuntu bionic/multiverse amd64 Packages [151 kB]  
Get:8 http://mirrors.digitalocean.com/ubuntu bionic/multiverse Translation-en [108 kB]  
Get:9 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 Packages [892 kB]  
Get:10 http://mirrors.digitalocean.com/ubuntu bionic-updates/main Translation-en [200 kB]  
Get:11 http://mirrors.digitalocean.com/ubuntu bionic-updates/restricted amd64 Packages [36.1 kB]  
Get:12 http://mirrors.digitalocean.com/ubuntu bionic-updates/restricted Translation-en [9208 B]  
Get:13 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 Packages [1060 kB]
```

Instalando docker.



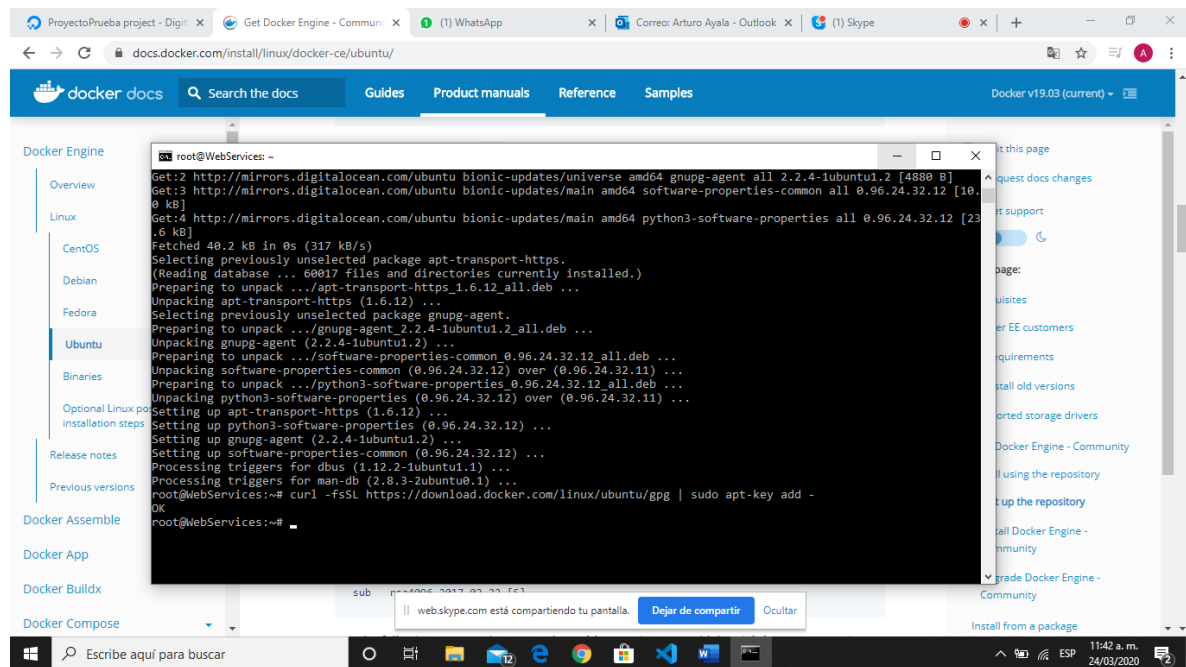
```
root@WebServices: ~  
Use 'sudo apt autoremove' to remove it.  
The following additional packages will be installed:  
  python3-software-properties  
The following NEW packages will be installed:  
  apt-transport-https gnupg2  
The following packages will be upgraded:  
  python3-software-properties software-properties-common  
2 upgraded, 2 newly installed, 0 to remove and 114 not upgraded.  
Need to get 48.0 kB of archives.  
After this operation, 205 kB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 apt-transport-https all 1.6.12 [1692 B]  
Get:2 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 software-properties-common all 0.96.24.32.12 [10.  
0 kB]  
Get:3 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 python3-software-properties all 0.96.24.32.12 [23.  
5 kB]  
Get:4 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 gnupg2 all 2.2.4-1ubuntu1.2 [4668 B]  
Fetched 48.0 kB in 0s (402 kB/s)  
Selecting previously unselected package apt-transport-https.  
(Reading database ... 60017 files and directories currently installed.)  
Preparing to unpack .../apt-transport-https_1.6.12_all.deb ...  
Unpacking apt-transport-https (1.6.12) ...  
Preparing to unpack .../software-properties-common_0.96.24.32.12_all.deb ...  
Unpacking software-properties-common (0.96.24.32.12) over (0.96.24.32.11) ...  
Preparing to unpack .../python3-software-properties_0.96.24.32.12_all.deb ...  
Unpacking python3-software-properties (0.96.24.32.12) over (0.96.24.32.11) ...  
Selecting previously unselected package gnupg2.  
Preparing to unpack .../gnupg2_2.2.4-1ubuntu1.2_all.deb ...  
Unpacking gnupg2 (2.2.4-1ubuntu1.2) ...  
Setting up apt-transport-https (1.6.12) ...
```

Instalar los paquetes



The screenshot shows a terminal window on a Ubuntu system. The terminal output is as follows:

```
root@WebServices:~# python3-software-properties software-properties-common
2 upgraded, 2 newly installed, 0 to remove and 114 not upgraded.
Need to get 40.2 kB of archives.
After this operation, 196 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 apt-transport-https all 1.6.12 [1692 B]
Get:2 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 gnupg-agent all 2.2.4-1ubuntu1.2 [4880 B]
Get:3 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 software-properties-common all 0.96.24.32.12 [10.0 kB]
Get:4 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 python3-software-properties all 0.96.24.32.12 [23.6 kB]
Fetched 40.2 kB in 0s (317 kB/s)
Selecting previously unselected package apt-transport-https.
(Reading database ... 60017 files and directories currently installed.)
Preparing to unpack .../apt-transport-https_1.6.12_all.deb ...
Unpacking apt-transport-https (1.6.12) ...
Selecting previously unselected package gnupg-agent.
Preparing to unpack .../gnupg-agent_2.2.4-1ubuntu1.2_all.deb ...
Unpacking gnupg-agent (2.2.4-1ubuntu1.2) ...
Preparing to unpack .../software-properties-common_0.96.24.32.12_all.deb ...
Unpacking software-properties-common (0.96.24.32.12) over (0.96.24.32.11) ...
Preparing to unpack .../python3-software-properties_0.96.24.32.12_all.deb ...
Unpacking python3-software-properties (0.96.24.32.12) over (0.96.24.32.11) ...
Setting up apt-transport-https (1.6.12) ...
Setting up python3-software-properties (0.96.24.32.12) ...
Setting up gnupg-agent (2.2.4-1ubuntu1.2) ...
Setting up software-properties-common (0.96.24.32.12) ...
Processing triggers for dbus (1.12.2-1ubuntu1.1) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
root@WebServices:~#
```



The screenshot shows a terminal window on a Ubuntu system. The terminal output is as follows:

```
root@WebServices:~# Get:2 http://mirrors.digitalocean.com/ubuntu bionic-updates/universe amd64 gnupg-agent all 2.2.4-1ubuntu1.2 [4880 B]
Get:3 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 software-properties-common all 0.96.24.32.12 [10.0 kB]
Get:4 http://mirrors.digitalocean.com/ubuntu bionic-updates/main amd64 python3-software-properties all 0.96.24.32.12 [23.6 kB]
Fetched 40.2 kB in 0s (317 kB/s)
Selecting previously unselected package apt-transport-https.
(Reading database ... 60017 files and directories currently installed.)
Preparing to unpack .../apt-transport-https_1.6.12_all.deb ...
Unpacking apt-transport-https (1.6.12) ...
Selecting previously unselected package gnupg-agent.
Preparing to unpack .../gnupg-agent_2.2.4-1ubuntu1.2_all.deb ...
Unpacking gnupg-agent (2.2.4-1ubuntu1.2) ...
Preparing to unpack .../software-properties-common_0.96.24.32.12_all.deb ...
Unpacking software-properties-common (0.96.24.32.12) over (0.96.24.32.11) ...
Preparing to unpack .../python3-software-properties_0.96.24.32.12_all.deb ...
Unpacking python3-software-properties (0.96.24.32.12) over (0.96.24.32.11) ...
Setting up apt-transport-https (1.6.12) ...
Setting up python3-software-properties (0.96.24.32.12) ...
Setting up gnupg-agent (2.2.4-1ubuntu1.2) ...
Setting up software-properties-common (0.96.24.32.12) ...
Processing triggers for dbus (1.12.2-1ubuntu1.1) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
root@WebServices:~# curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
OK
root@WebServices:~#
```

Instalar Docker.

The image shows a Windows desktop with a web browser displaying the Docker v19.03 installation guide for Ubuntu. A terminal window is open, showing the installation process. The browser tabs include 'ProyectoPrueba project - Digi...', 'Get Docker Engine - Communi...', '(1) WhatsApp', 'Correo: Arturo Ayala - Outlook', and '(1) Skype'. The browser address bar shows 'docs.docker.com/install/linux/docker-ce/ubuntu/'. The Docker docs page has a sidebar with 'Docker Engine' selected, showing 'Overview', 'Linux', 'CentOS', 'Debian', 'Fedora', 'Ubuntu', 'Binaries', 'Optional Linux post-installation steps', 'Release notes', and 'Previous versions'. The terminal output shows the following commands and results:

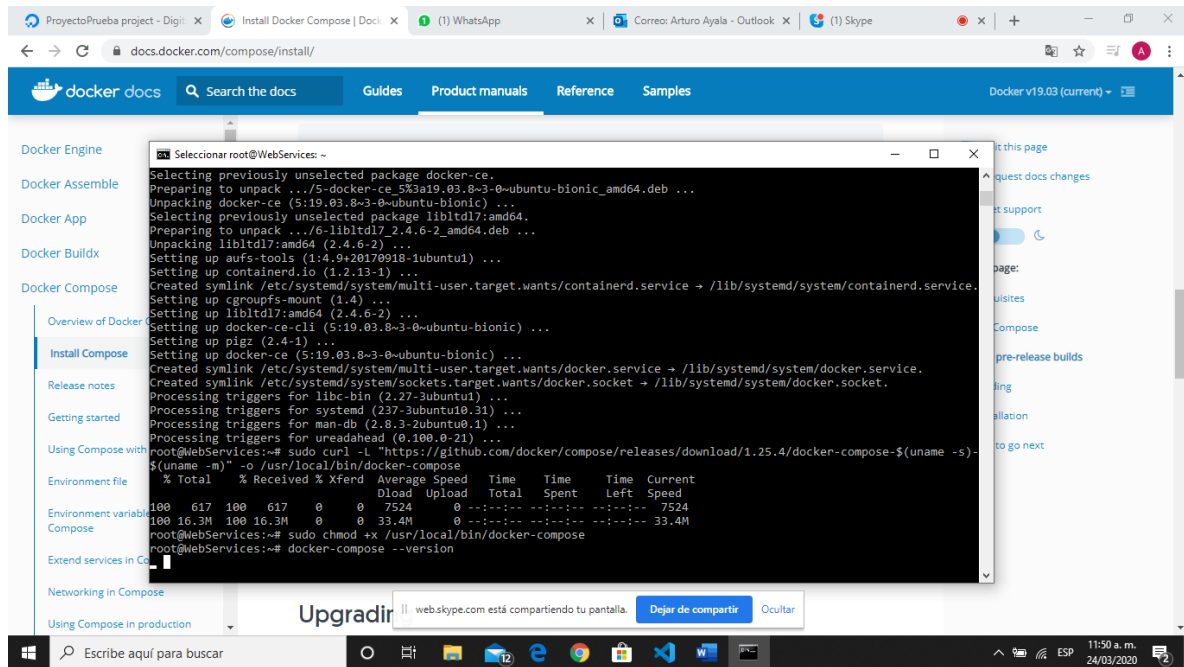
```
root@WebServices:~# $ (lab release -cs) \> stable"Get:1 http://mirrors.digitalocean.com/ubuntu bionic InRelease [242 kB]Hit:2 http://mirrors.digitalocean.com/ubuntu bionic-updates InReleaseGet:3 https://download.docker.com/linux/ubuntu bionic InRelease [64.4 kB]Hit:4 http://mirrors.digitalocean.com/ubuntu bionic-backports InReleaseHit:5 http://security.ubuntu.com/ubuntu bionic-security InReleaseGet:6 https://download.docker.com/linux/ubuntu bionic/stable amd64 Packages [11.0 kB]Fetched 318 kB in 1s (412 kB/s)Reading package lists... Doneroot@WebServices:~# sudo apt-get updateHit:1 http://security.ubuntu.com/ubuntu bionic-security InReleaseHit:2 http://mirrors.digitalocean.com/ubuntu bionic InRelease [242 kB]Hit:3 https://download.docker.com/linux/ubuntu bionic InReleaseHit:4 http://mirrors.digitalocean.com/ubuntu bionic-updates InReleaseHit:5 http://mirrors.digitalocean.com/ubuntu bionic-backports InReleaseFetched 242 kB in 1s (351 kB/s)Reading package lists... Doneroot@WebServices:~# 3. To install a web.skype.com está compartiendo tu pantalla. Dejar de compartir Ocultar in the repo, then select and install:Install from a package
```

The terminal output continues with the installation of docker-ce, docker-ce-cli, and containerd.io. It shows the following commands and results:

```
root@WebServices:~# sudo apt-get install docker-ce docker-ce-cli containerd.ioReading package lists... DoneBuilding dependency treeReading state information... DoneThe following package was automatically installed and is no longer required: grub-pc-binUse 'sudo apt autoremove' to remove it.The following additional packages will be installed: aufs-tools cgroupfs-mount libltdl7 pigzThe following NEW packages will be installed: aufs-tools cgroupfs-mount containerd.io docker-ce docker-ce-cli libltdl7 pigz0 upgraded, 7 newly installed, 0 to remove and 114 not upgraded.Need to get 85.8 MB of archives.After this operation, 385 MB of additional disk space will be used.Do you want to continue? [Y/n] YGet:1 http://mirrors.digitalocean.com/ubuntu bionic/universe amd64 pigz amd64 2.4-1 [57.4 kB]Get:2 https://download.docker.com/linux/ubuntu bionic/stable amd64 containerd.io amd64 1.2.13-1 [20.1 MB]Get:3 http://mirrors.digitalocean.com/ubuntu bionic/universe amd64 aufs-tools amd64 1:4.9+20170918-1ubuntu1 [104 kB]Get:4 http://mirrors.digitalocean.com/ubuntu bionic/universe amd64 cgroupfs-mount all 1.4 [6320 B]Get:5 http://mirrors.digitalocean.com/ubuntu bionic/main amd64 libltdl7 amd64 2.4.6-2 [38.8 kB]Get:6 https://download.docker.com/linux/ubuntu bionic/stable amd64 docker-ce-cli amd64 5:19.03.8~3-0-ubuntu-bionic [42.6 MB]Get:7 https://download.docker.com/linux/ubuntu bionic/stable amd64 docker-ce amd64 5:19.03.8~3-0-ubuntu-bionic [22.9 MB]Fetched 85.8 MB in 3s (33.1 MB/s)Selecting previously unselected package pigz.(Reading database ... 60025 files and directories currently installed.)Preparing to unpack .../0-pigz_2.4-1_amd64.deb ...Unpacking pigz (2.4-1) ...
```

The terminal output ends with the command `$ apt-get`.

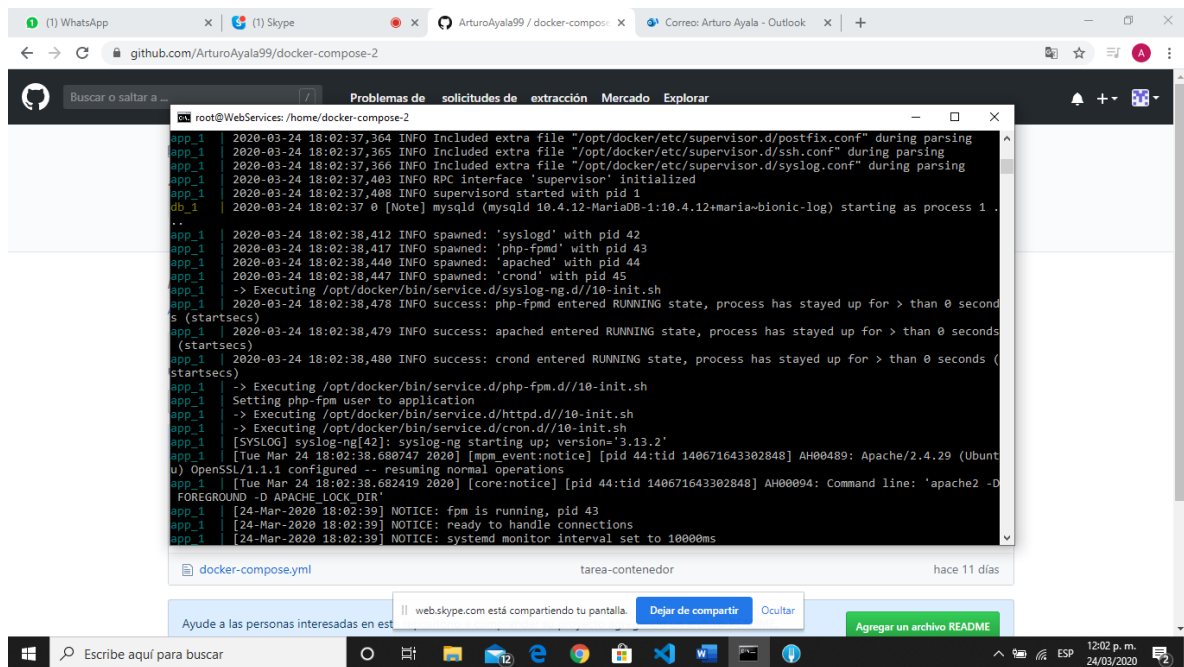
Instalando compose.



This screenshot shows the Docker Compose installation process on a terminal window. The terminal output includes the following steps:

```
root@WebServices:~# sudo apt-get install docker-compose
Selecting previously unselected package docker-ce.
Preparing to unpack .../5-docker-ce_5:19.03.8~3-0-ubuntu-bionic_amd64.deb ...
Unpacking docker-ce (5:19.03.8~3-0-ubuntu-bionic) ...
Selecting previously unselected package libltdl7:amd64.
Preparing to unpack .../6-libltdl7_2.4.6-2_amd64.deb ...
Unpacking libltdl7:amd64 (2.4.6-2) ...
Setting up aufs-tools (1:4.9+20170918-1ubuntu1) ...
Setting up containerd.io (1.2.13-1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /lib/systemd/system/containerd.service.
Setting up cgroupfs-mount (1.4) ...
Setting up libltdl7:amd64 (2.4.6-2) ...
Setting up docker-ce-cli (5:19.03.8~3-0-ubuntu-bionic) ...
Setting up pigz (2.4-1) ...
Setting up docker-ce (5:19.03.8~3-0-ubuntu-bionic) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Processing triggers for systemd (237-3ubuntu1.31) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
root@WebServices:~# sudo curl -L "https://github.com/docker/compose/releases/download/1.25.4/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
100 617    100 617    0    0  7524      0 --:--:-- --:--:-- --:--:--  7524
100 16.3M  100 16.3M    0    0 33.4M      0 --:--:-- --:--:-- --:--:-- 33.4M
root@WebServices:~# sudo chmod +x /usr/local/bin/docker-compose
root@WebServices:~# docker-compose --version
```

The terminal window is overlaid on a web browser showing the Docker Compose installation page. The browser tabs include 'ProyectoPrueba project - Digi...', 'Install Docker Compose | Dock...', '(1) WhatsApp', 'Correo: Arturo Ayala - Outlook', and '(1) Skype'. The browser address bar shows 'docs.docker.com/compose/install/'.



This screenshot shows the Docker Compose logs for a container named 'app_1'. The logs display the startup sequence of the container, including the initialization of the supervisor interface and the spawning of various services.

```
app_1 | 2020-03-24 18:02:37,364 INFO Included extra file "/opt/docker/etc/supervisor.d/postfix.conf" during parsing
app_1 | 2020-03-24 18:02:37,365 INFO Included extra file "/opt/docker/etc/supervisor.d/ssh.conf" during parsing
app_1 | 2020-03-24 18:02:37,366 INFO Included extra file "/opt/docker/etc/supervisor.d/syslog.conf" during parsing
app_1 | 2020-03-24 18:02:37,403 INFO RPC interface 'supervisor' initialized
app_1 | 2020-03-24 18:02:37,408 INFO supervisord started with pid 1
db_1 | 2020-03-24 18:02:37 0 [Note] mysqld (mysqld 10.4.12-MariaDB-1:10.4.12+maria-bionic-log) starting as process 1
...
app_1 | 2020-03-24 18:02:38,412 INFO spawned: 'syslogd' with pid 42
app_1 | 2020-03-24 18:02:38,417 INFO spawned: 'php-fpm' with pid 43
app_1 | 2020-03-24 18:02:38,448 INFO spawned: 'apache' with pid 44
app_1 | 2020-03-24 18:02:38,447 INFO spawned: 'cron' with pid 45
app_1 | -> Executing /opt/docker/bin/service.d/syslog-ng.d/10-init.sh
app_1 | 2020-03-24 18:02:38,478 INFO success: php-fpm entered RUNNING state, process has stayed up for > than 0 second
s (startsecs)
app_1 | 2020-03-24 18:02:38,479 INFO success: apache entered RUNNING state, process has stayed up for > than 0 seconds
(startsecs)
app_1 | 2020-03-24 18:02:38,480 INFO success: cron entered RUNNING state, process has stayed up for > than 0 seconds (
startsecs)
app_1 | -> Executing /opt/docker/bin/service.d/php-fpm.d/10-init.sh
app_1 | Setting php-fpm user to application
app_1 | -> Executing /opt/docker/bin/service.d/httpd.d/10-init.sh
app_1 | -> Executing /opt/docker/bin/service.d/cron.d/10-init.sh
app_1 | [SYSLOG] syslog-ng[42]: syslog-ng starting up; version='3.13.2'
app_1 | [Tue Mar 24 18:02:38.680747 2020] [mpm_event:notice] [pid 44:tid 140671643302848] AH00489: Apache/2.4.29 (Ubuntu)
OpenSSL/1.1.1 configured -- resuming normal operations
app_1 | [Tue Mar 24 18:02:38.682419 2020] [core:notice] [pid 44:tid 140671643302848] AH00094: Command line: 'apache2 -D
FOREGROUND -D APACHE_LOCK_DIR'
app_1 | [24-Mar-2020 18:02:39] NOTICE: fpm is running, pid 43
app_1 | [24-Mar-2020 18:02:39] NOTICE: ready to handle connections
app_1 | [24-Mar-2020 18:02:39] NOTICE: systemd monitor interval set to 1000ms
```

The logs are displayed in a terminal window titled 'root@WebServices: /home/docker-compose-2'. The terminal window is overlaid on a web browser showing the GitHub repository 'ArturoAyala99/docker-compose-2'. The browser tabs include '(1) WhatsApp', '(1) Skype', 'ArturoAyala99 / docker-compose', 'Correo: Arturo Ayala - Outlook', and '+'. The browser address bar shows 'github.com/ArturoAyala99/docker-compose-2'. The terminal window also shows a file named 'docker-compose.yml' and a task named 'tarea-contenedor' created 11 days ago.

PHP Version 7.2.24-0ubuntu0.18.04.3

System	Linux aabf96a24b2b 4.15.0-66-generic #75-Ubuntu SMP Tue Oct 1 05:24:09 UTC 2019 x86_64
Build Date	Feb 11 2020 15:55:52
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.2/fpm
Loaded Configuration File	/etc/php/7.2/fpm/php.ini
Scan this dir for additional .ini files	/etc/php/7.2/fpm/conf.d
Additional .ini files parsed	/etc/php/7.2/fpm/conf.d/00-ioncube.ini, /etc/php/7.2/fpm/conf.d/10-mysqlnd.ini, /etc/php/7.2/fpm/conf.d/10-opcache.ini, /etc/php/7.2/fpm/conf.d/10-pdo.ini, /etc/php/7.2/fpm/conf.d/15-xml.ini, /etc/php/7.2/fpm/conf.d/20-ampq.ini, /etc/php/7.2/fpm/conf.d/20-apcu.ini, /etc/php/7.2/fpm/conf.d/20-bcmath.ini, /etc/php/7.2/fpm/conf.d/20-bz2.ini, /etc/php/7.2/fpm/conf.d/20-calendar.ini, /etc/php/7.2/fpm/conf.d/20-ctype.ini, /etc/php/7.2/fpm/conf.d/20-curl.ini, /etc/php/7.2/fpm/conf.d/20-dom.ini, /etc/php/7.2/fpm/conf.d/20-exif.ini, /etc/php/7.2/fpm/conf.d/20-fileinfo.ini, /etc/php/7.2/fpm/conf.d/20-ftp.ini, /etc/php/7.2/fpm/conf.d/20-gd.ini, /etc/php/7.2/fpm/conf.d/20-gettext.ini, /etc/php/7.2/fpm/conf.d/20-imap.ini, /etc/php/7.2/fpm/conf.d/20-intl.ini, /etc/php/7.2/fpm/conf.d/20-json.ini, /etc/php/7.2/fpm/conf.d/20-ldap.ini, /etc/php/7.2/fpm/conf.d/20-mbstring.ini, /etc/php/7.2/fpm/conf.d/20-mongodb.ini, /etc/php/7.2/fpm/conf.d/20-mssql.ini, /etc/php/7.2/fpm/conf.d/20-mysql.ini, /etc/php/7.2/fpm/conf.d/20-pdo_mysql.ini, /etc/php/7.2/fpm/conf.d/20-pdo_pgsql.ini, /etc/php/7.2/fpm/conf.d/20-pdo_sqlite.ini, /etc/php/7.2/fpm/conf.d/20-posix.ini, /etc/php/7.2/fpm/conf.d/20-readline.ini, /etc/php/7.2/fpm/conf.d/20-redis.ini, /etc/php/7.2/fpm/conf.d/20-shmop.ini, /etc/php/7.2/fpm/conf.d/20-simplexml.ini, /etc/php/7.2/fpm/conf.d/20-soap.ini, /etc/php/7.2/fpm/conf.d/20-sockets.ini, /etc/php/7.2/fpm/conf.d/20-sqlite3.ini, /etc/php/7.2/fpm/conf.d/20-sysmsg.ini, /etc/php/7.2/fpm/conf.d/20-syssem.ini, /etc/php/7.2/fpm/conf.d/20-sysshm.ini, /etc/php/7.2/fpm/conf.d/20-tokenizer.ini, /etc/php/7.2/fpm/conf.d/20-xmlrpc.ini, /etc/php/7.2/fpm/conf.d/20-xmlreader.ini, /etc/php/7.2/fpm/conf.d/20-xmlwriter.ini, /etc/php/7.2/fpm/conf.d/20-zip.ini, /etc/php/7.2/fpm/conf.d/25-memcached.ini, /etc/php/7.2/fpm/conf.d/98-webdevops.ini, /etc/php/7.2/fpm/conf.d/99-docker.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	
Zend Extension Build	

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Conectando con la BD de Digital Ocean (por medio de heidisql).

docker-compose.yml - Visual Studio Code

```

1 version: "3"
2
3 services:
4   db:
5     image: mariadb/server:10.4
6     restart: always
7     #command:
8     environment:
9       - MYSQL_HOST=localhost
10      - MYSQL_PORT=3306 # cannot change this port to other
11      - MYSQL_DATABASE=dbapi # name you want for the database
12      - MYSQL_USER=dbuser # change to whatever username you
13      - MYSQL_PASSWORD=Secreto #change to the password you
14      - MYSQL_ROOT_PASSWORD=Cristal #change to good root password
15    ports:
16      - "3306:3306"
17    volumes:
18      - ".:/dbfiles:/var/lib/mysql"
19      - ".:/dbconfig:/etc/mysql/conf.d"
20
21  app:
22    image: webdevops/php-apache
23    ports:
24      - "80:80"
25    volumes:
26      - ".:/Archivos:/app

```

Administrador de sesiones

Nombre de la sesión: Unnamed * Host: 127.0.0.1

Tipo de red: MySQL (TCP/IP)

Library: libmariadb.dll

Nombre del host / IP: 127.0.0.1

☐ Pedir credenciales

☐ Usar autenticación de Windows

Usuario: dbuser

Contraseña: [oculto]

Puerto: 3306

☐ Protocolo cliente/servidor comprimido

Bases de datos: Separadas por punto y coma (;)

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