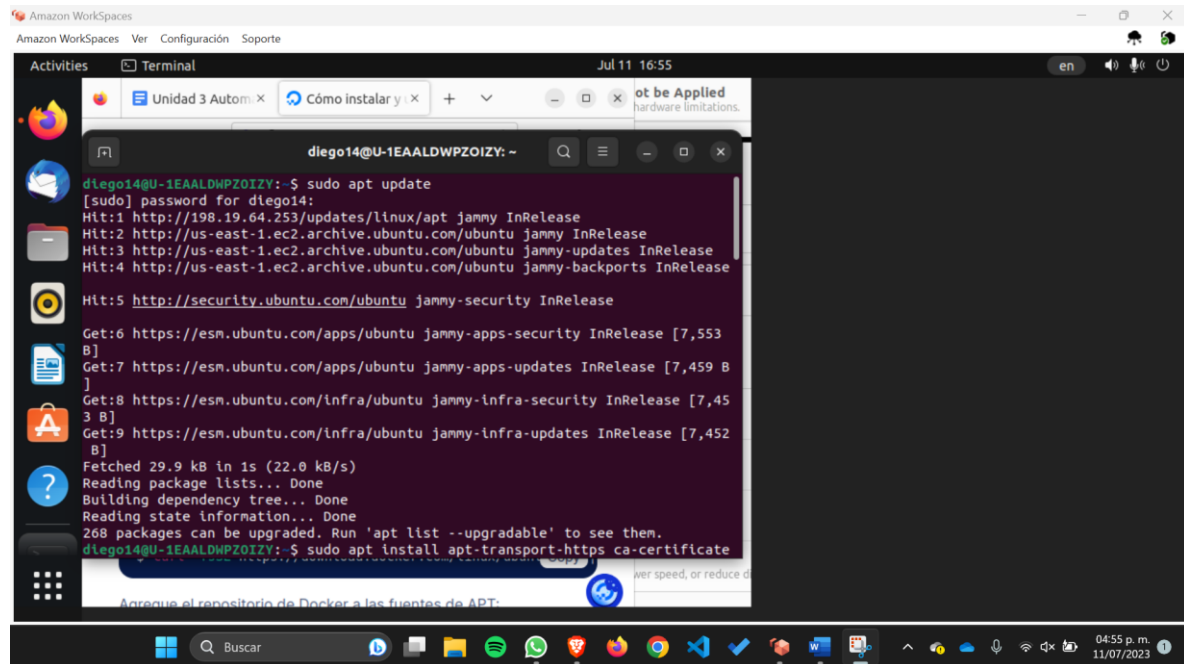


Instalación de Docker.

Diego Torres Pérez.



Amazon WorkSpaces

Amazon WorkSpaces Ver Configuración Soporte

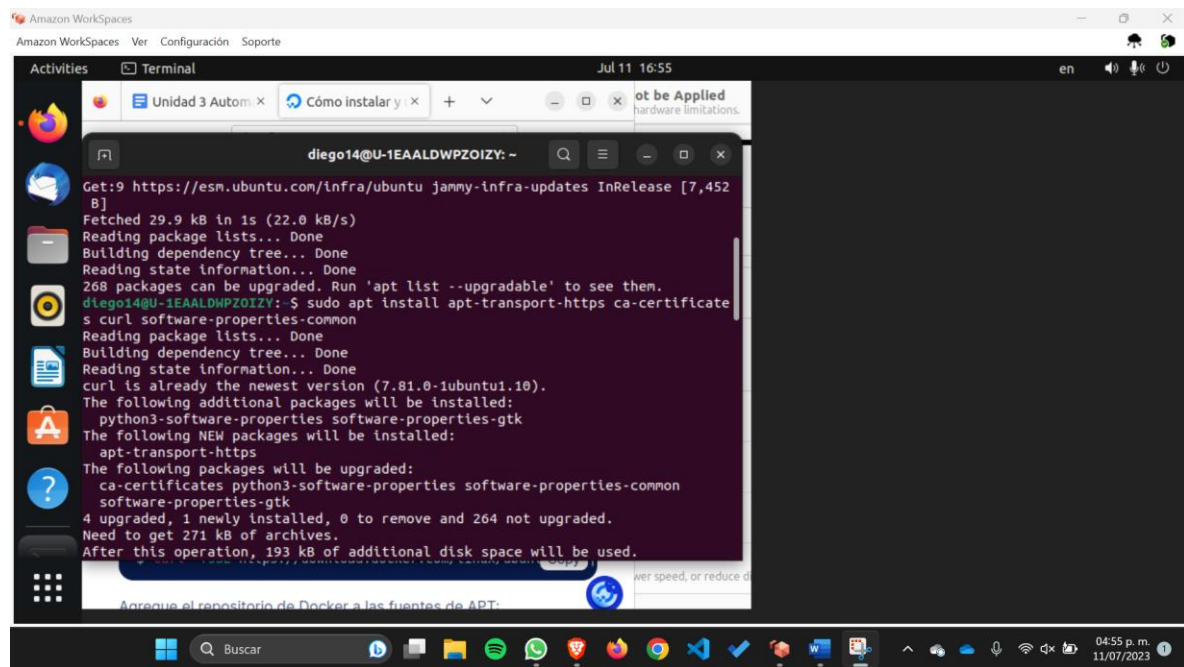
Activities Terminal Jul 11 16:55

Unidad 3 Autom... Cómo instalar y... not be Applied hardware limitations.

```
diego14@U-1EAALDWPZOIZY: ~  
diego14@U-1EAALDWPZOIZY:~$ sudo apt update  
[sudo] password for diego14:  
Hit:1 http://198.19.64.253/updates/linux/apt jammy InRelease  
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease  
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease  
Hit:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease  
  
Hit:5 http://security.ubuntu.com/ubuntu jammy-security InRelease  
  
Get:6 https://esm.ubuntu.com/apps/ubuntu jammy-apps-security InRelease [7,553 B]  
Get:7 https://esm.ubuntu.com/apps/ubuntu jammy-apps-updates InRelease [7,459 B]  
Get:8 https://esm.ubuntu.com/infra/ubuntu jammy-infra-security InRelease [7,453 B]  
Get:9 https://esm.ubuntu.com/infra/ubuntu jammy-infra-updates InRelease [7,452 B]  
Fetched 29.9 kB in 1s (22.0 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
268 packages can be upgraded. Run 'apt list --upgradable' to see them.  
diego14@U-1EAALDWPZOIZY:~$ sudo apt install apt-transport-https ca-certificates
```

Agregue el repositorio de Docker a las fuentes de APT:

04:55 p.m. 11/07/2023



Amazon WorkSpaces

Amazon WorkSpaces Ver Configuración Soporte

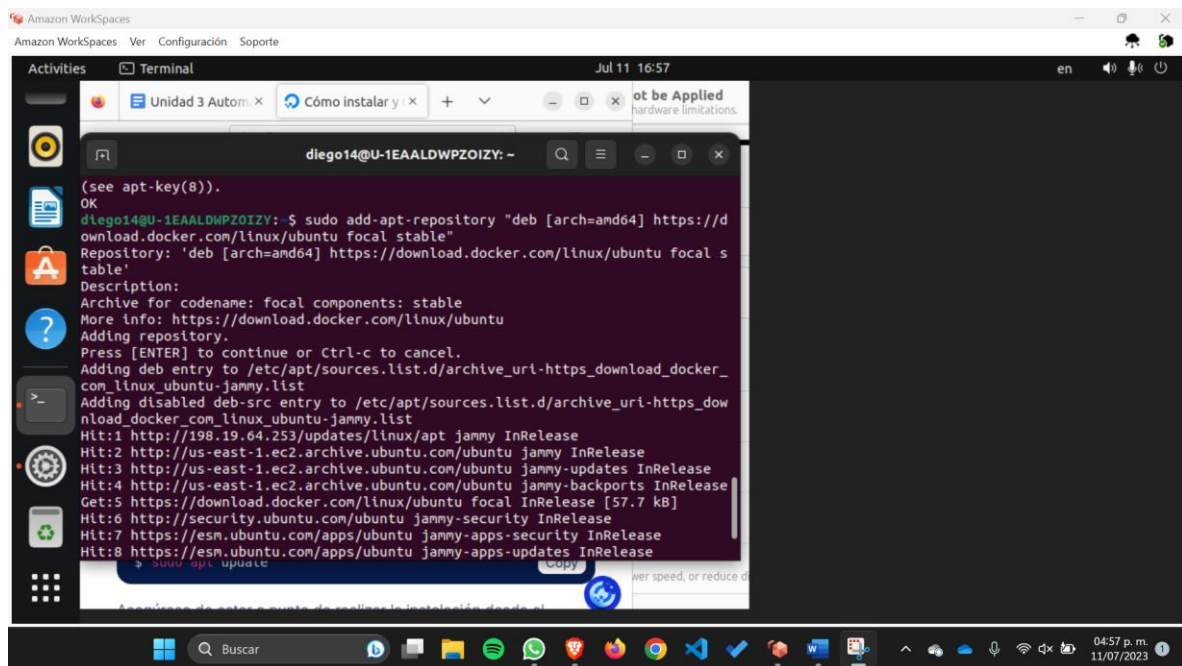
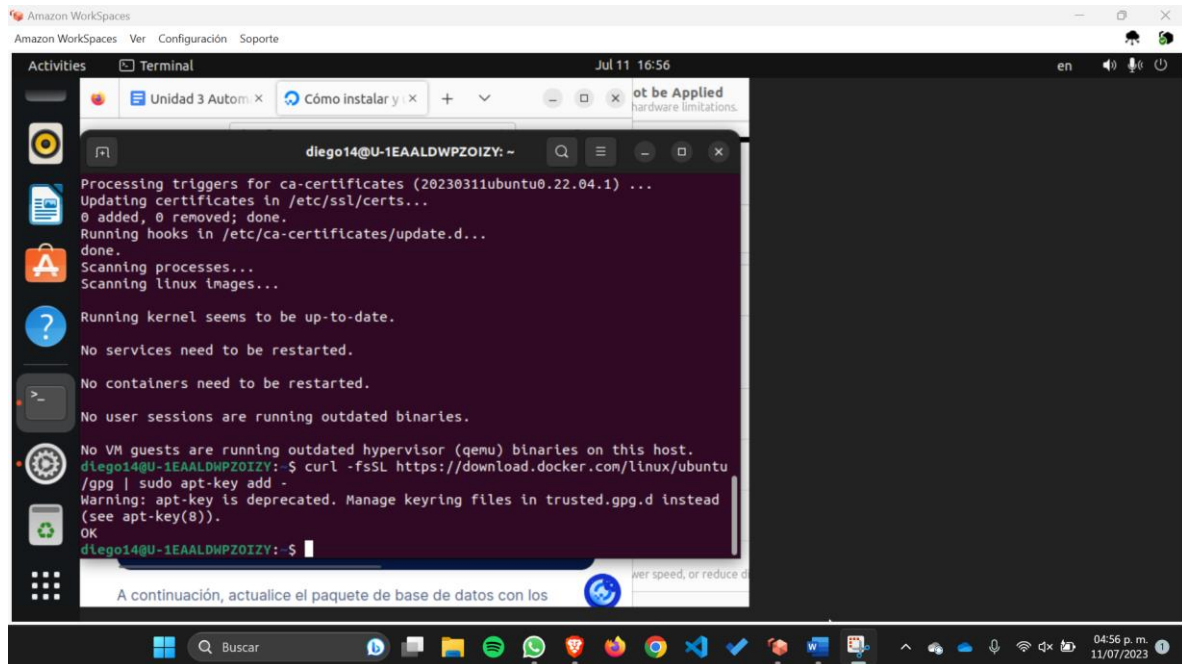
Activities Terminal Jul 11 16:55

Unidad 3 Autom... Cómo instalar y... not be Applied hardware limitations.

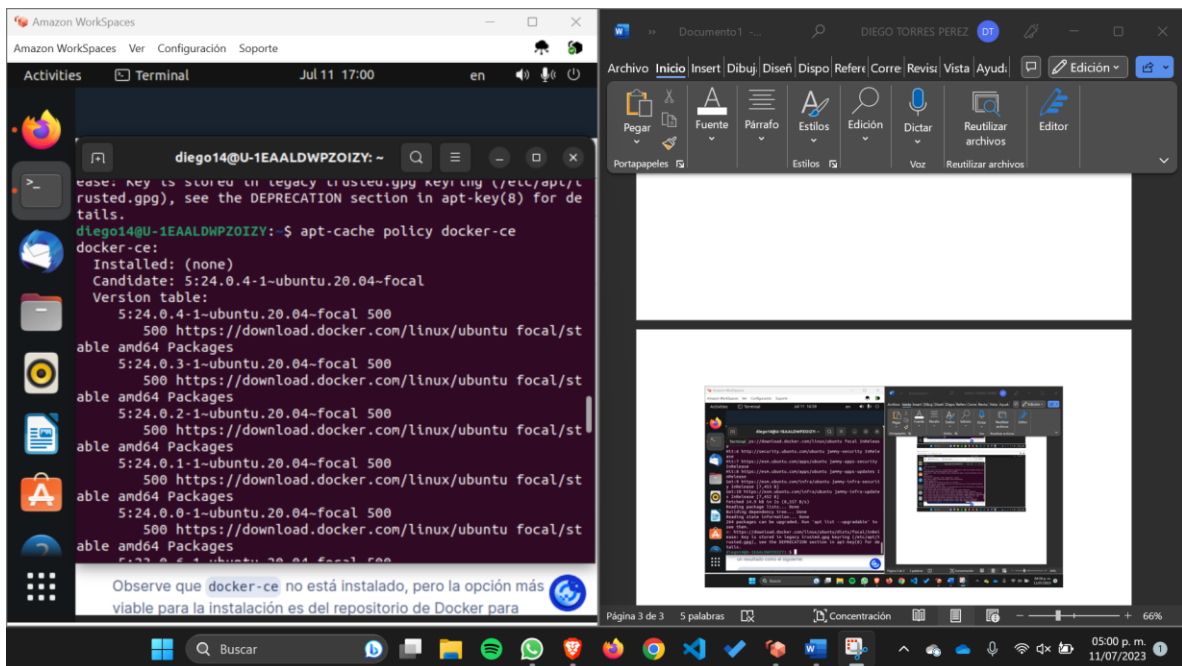
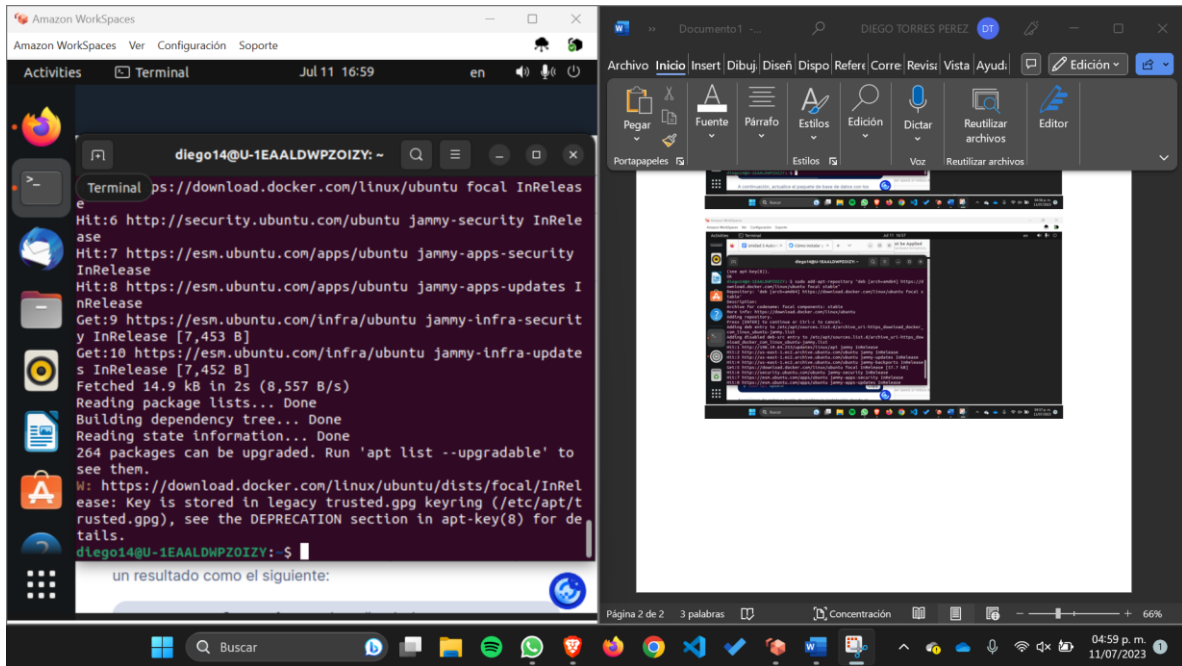
```
diego14@U-1EAALDWPZOIZY: ~  
diego14@U-1EAALDWPZOIZY:~$ sudo apt install apt-transport-https ca-certificates  
s curl software-properties-common  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
268 packages can be upgraded. Run 'apt list --upgradable' to see them.  
diego14@U-1EAALDWPZOIZY:~$ sudo apt install apt-transport-https ca-certificates  
s curl software-properties-common  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
curl is already the newest version (7.81.0-1ubuntu1.10).  
The following additional packages will be installed:  
python3-software-properties software-properties-gtk  
The following NEW packages will be installed:  
apt-transport-https  
The following packages will be upgraded:  
ca-certificates python3-software-properties software-properties-common  
software-properties-gtk  
4 upgraded, 1 newly installed, 0 to remove and 264 not upgraded.  
Need to get 271 kB of archives.  
After this operation, 193 kB of additional disk space will be used.
```

Agregue el repositorio de Docker a las fuentes de APT:

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Apt Update



Amazon WorkSpaces Ver Configuración Soporte

Activities Terminal Jul 11 17:04 en

Unidad 3 Autom... Cómo instalar y...

```
diego14@U-1EAALDWPZOIZY: ~  
diego14@U-1EAALDWPZOIZY:~$ sudo systemctl status docker  
● docker.service - Docker Application Container Engine  
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)  
   Active: active (running) since Tue 2023-07-11 17:03:13 CST; 1min 7s ago  
     TriggeredBy: ● docker.socket  
       Docs: https://docs.docker.com  
      Main PID: 14990 (dockerd)  
        Tasks: 9  
       Memory: 28.2M  
         CPU: 354ms  
      CGroup: /system.slice/docker.service  
              └─14990 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/cgroup
```

Jul 11 17:03:11 U-1EAALDWPZOIZY systemd[1]: Starting Docker Application Container Engine:.
Jul 11 17:03:11 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:11.486Z" level=info msg="Starting daemon" data-field=debug
Jul 11 17:03:11 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:11.488Z" level=info msg="API listen on fd://" data-field=debug
Jul 11 17:03:11 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:11.806Z" level=info msg="Daemon is ready" data-field=debug
Jul 11 17:03:13 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:13.432Z" level=info msg="API listen on fd://" data-field=debug
Jul 11 17:03:13 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:13.501Z" level=info msg="API listen on fd://" data-field=debug
Jul 11 17:03:13 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:13.502Z" level=info msg="API listen on fd://" data-field=debug
Jul 11 17:03:13 U-1EAALDWPZOIZY dockerd[14990]: time="2023-07-11T17:03:13.557Z" level=info msg="API listen on fd://" data-field=debug
Jul 11 17:03:13 U-1EAALDWPZOIZY systemd[1]: Started Docker Application Container Engine:.

Lines 1-21/21 (END)

```
Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)  
Active: active (running) since Tue 2020-05-19 17:00:40 CST; 1min 7s ago  
     TriggeredBy: ● docker.socket
```

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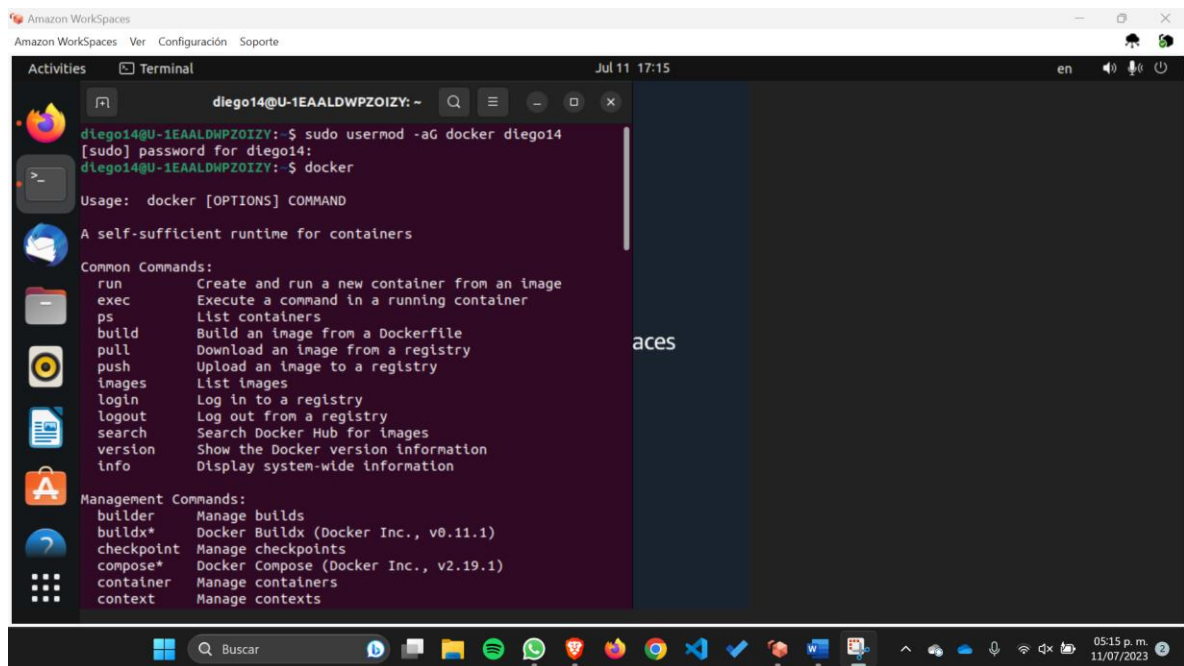
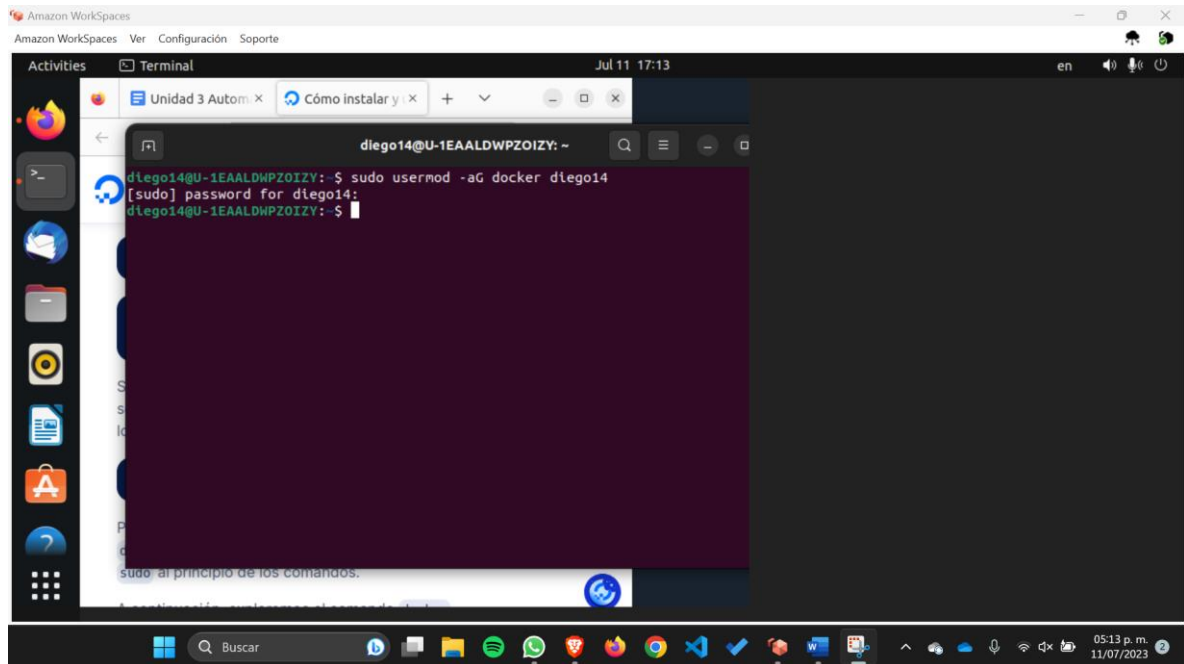
Amazon WorkSpaces Ver Configuración Soporte

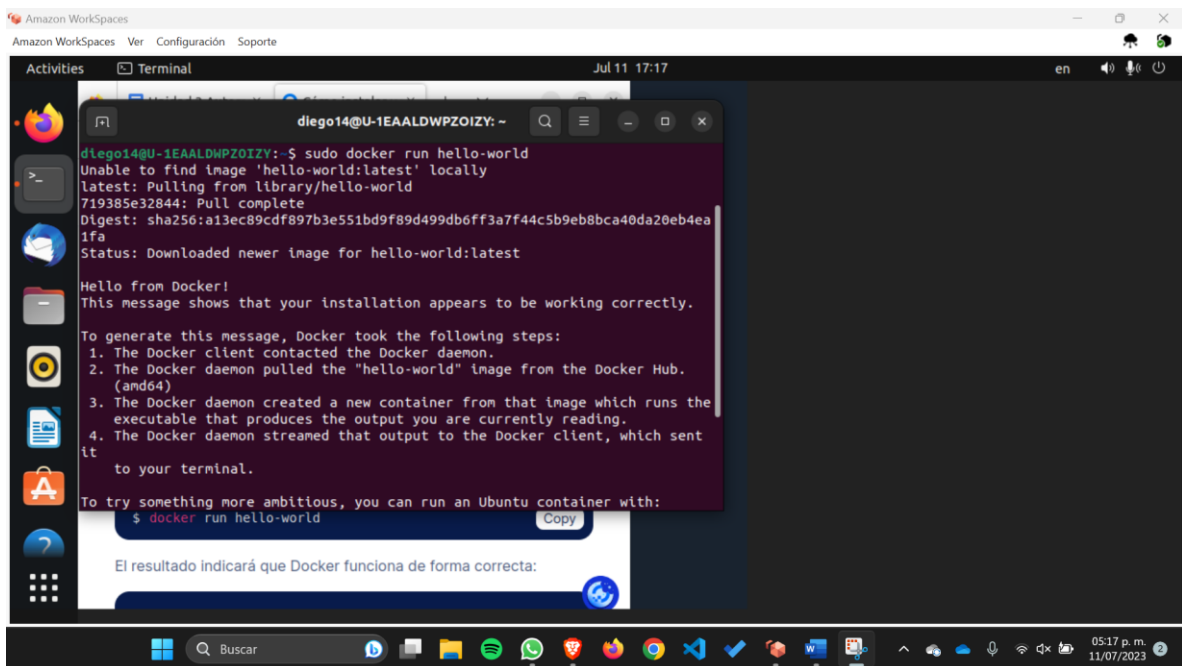
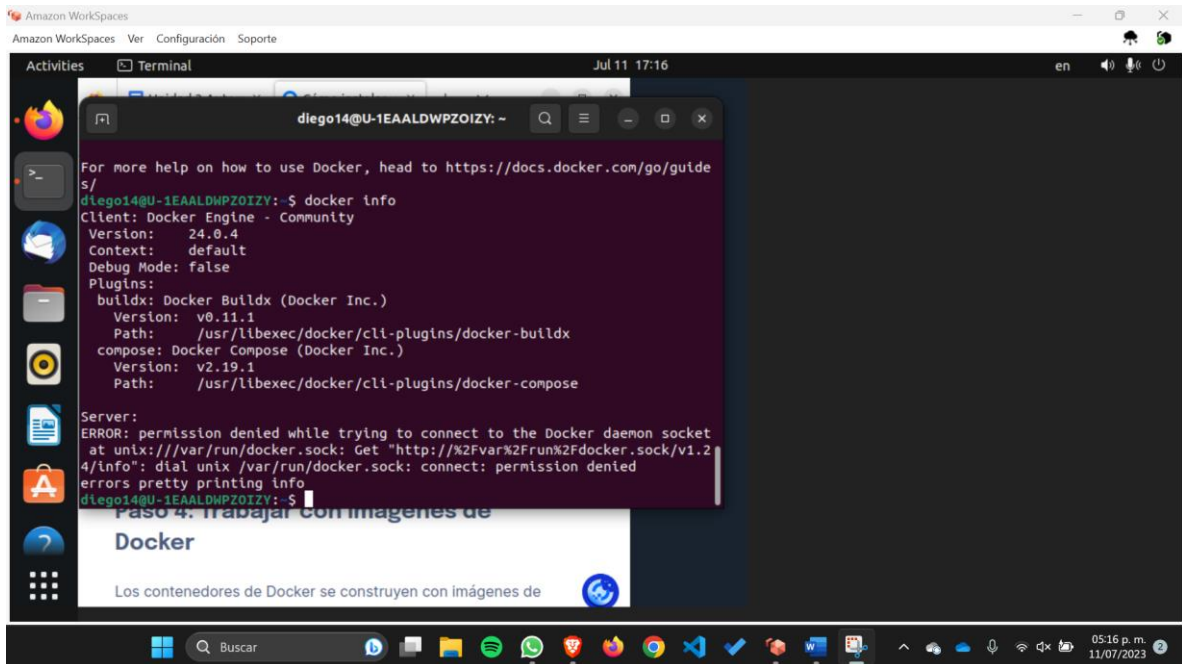
Activities Terminal Jul 11 17:12 en

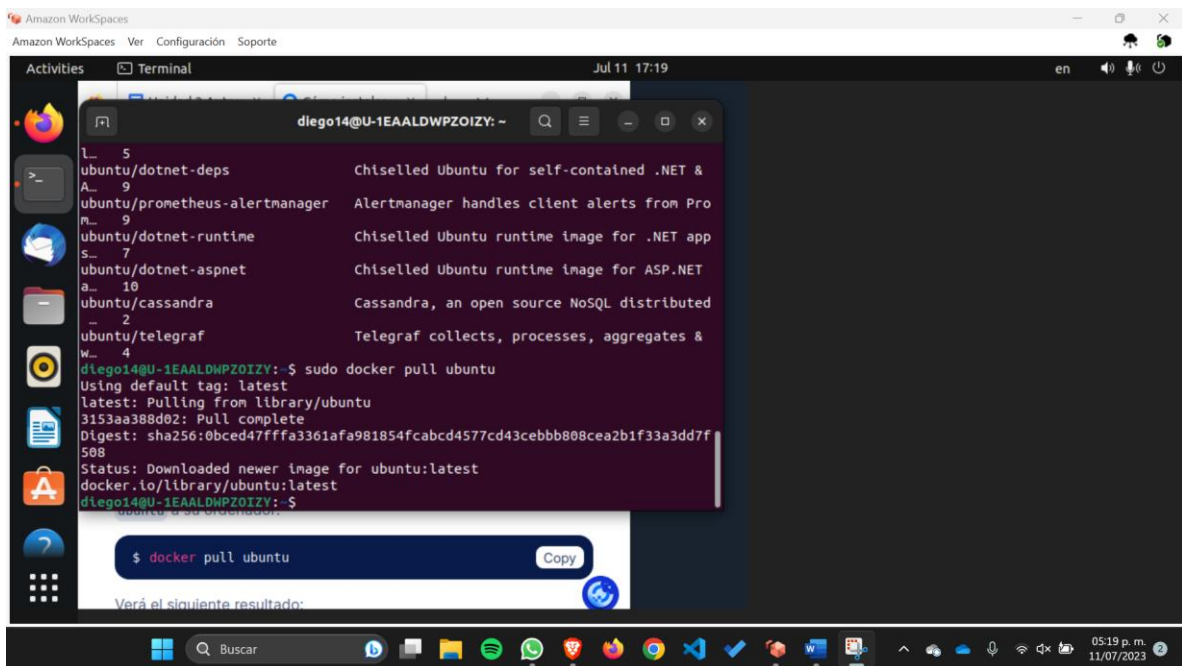
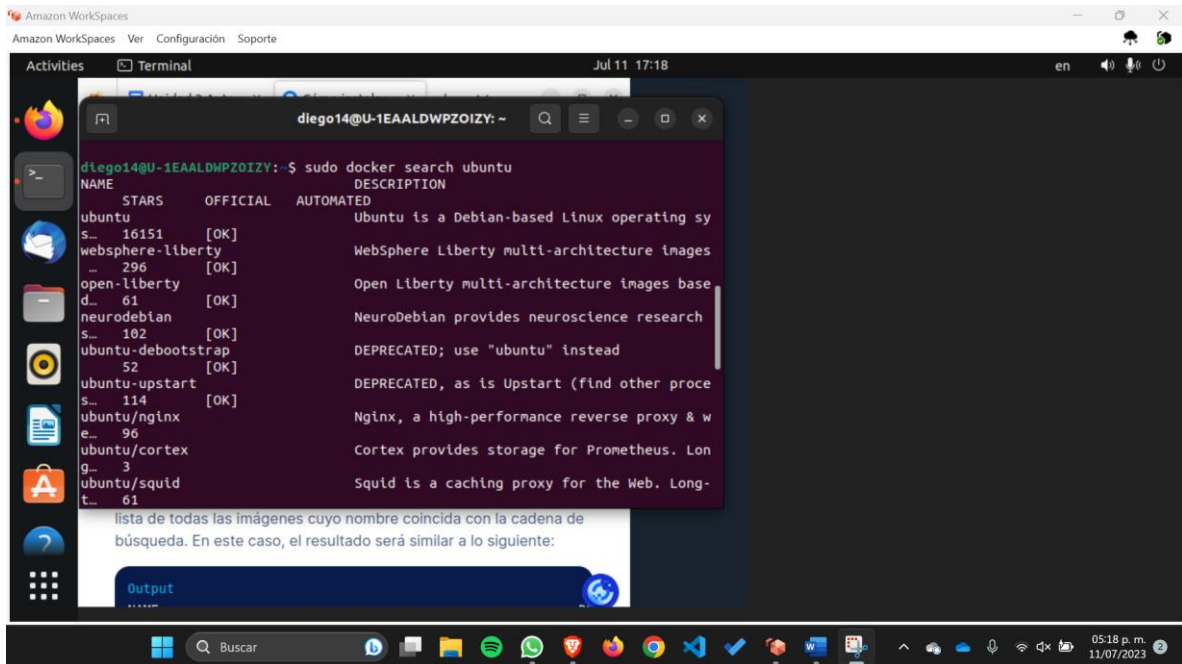
Unidad 3 Autom... Cómo instalar y...

```
diego14@U-1EAALDWPZOIZY: ~  
diego14@U-1EAALDWPZOIZY:~$ sudo usermod -aG docker $(USER)  
diego14@U-1EAALDWPZOIZY:~$ su - $(USER)  
Password:  
-----  
System Restart Required:  
New Security updates require system restart. Please reboot your workspace.  
Auto-restart will be triggered during next maintenance window  
(between 00:00 and 04:00, Sunday Morning)  
-----  
diego14@U-1EAALDWPZOIZY:~$
```

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Amazon WorkSpaces

Amazon WorkSpaces Ver Configuración Soporte

Activities Terminal Jul 11 17:20 en

```
diego14@U-1EAALDWPZOIZY: ~  
m_ 9  
ubuntu/dotnet-runtime      Chiselled Ubuntu runtime image for .NET app  
s_ 7  
ubuntu/dotnet-aspnet       Chiselled Ubuntu runtime image for ASP.NET  
a_ 10  
ubuntu/cassandra           Cassandra, an open source NoSQL distributed  
_ 2  
ubuntu/telegraf            Telegraf collects, processes, aggregates &  
w_ 4  
diego14@U-1EAALDWPZOIZY:~$ sudo docker pull ubuntu  
Using default tag: latest  
latest: Pulling from library/ubuntu  
3153aa388d02: Pull complete  
Digest: sha256:0bcd47fffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3dd7f508  
Status: Downloaded newer image for ubuntu:latest  
docker.io/library/ubuntu:latest  
diego14@U-1EAALDWPZOIZY:~$ sudo docker images  
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE  
ubuntu        latest    5a81c4b8502e  13 days ago  77.8MB  
hello-world   latest    9c7a54a9a43c  2 months ago  13.3kB  
diego14@U-1EAALDWPZOIZY:~$
```

Como verá más adelante en este tutorial, las imágenes que utilice para ejecutar contenedores pueden modificarse y utilizarse para generar nuevas imágenes que se pueden cargar posteriormente

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Amazon WorkSpaces

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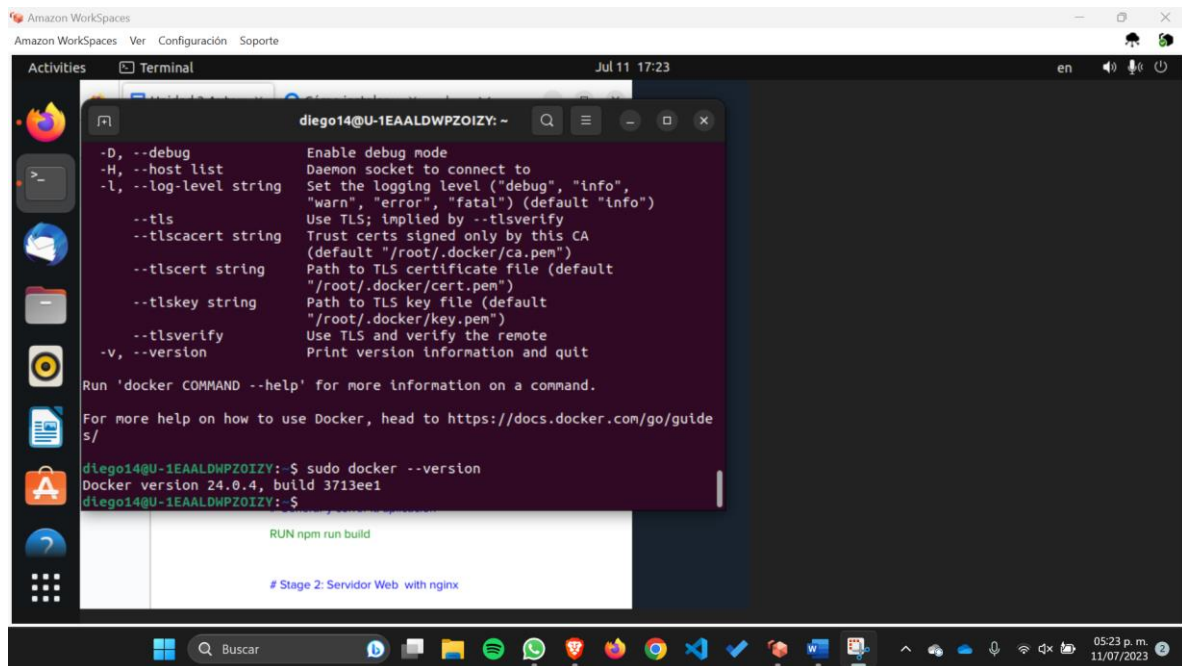
Activities Terminal Jul 11 17:21 en

```
root@6ce04dda972: /  
ubuntu/dotnet-runtime      Chiselled Ubuntu runtime image for .NET app  
s_ 7  
ubuntu/dotnet-aspnet       Chiselled Ubuntu runtime image for ASP.NET  
a_ 10  
ubuntu/cassandra           Cassandra, an open source NoSQL distributed  
_ 2  
ubuntu/telegraf            Telegraf collects, processes, aggregates &  
w_ 4  
diego14@U-1EAALDWPZOIZY:~$ sudo docker pull ubuntu  
Using default tag: latest  
latest: Pulling from library/ubuntu  
3153aa388d02: Pull complete  
Digest: sha256:0bcd47fffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3dd7f508  
Status: Downloaded newer image for ubuntu:latest  
docker.io/library/ubuntu:latest  
diego14@U-1EAALDWPZOIZY:~$ sudo docker images  
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE  
ubuntu        latest    5a81c4b8502e  13 days ago  77.8MB  
hello-world   latest    9c7a54a9a43c  2 months ago  13.3kB  
diego14@U-1EAALDWPZOIZY:~$ sudo docker run -it ubuntu  
root@6ce04dda972: /#  
Output  
root@d9b100f2f636: /#
```

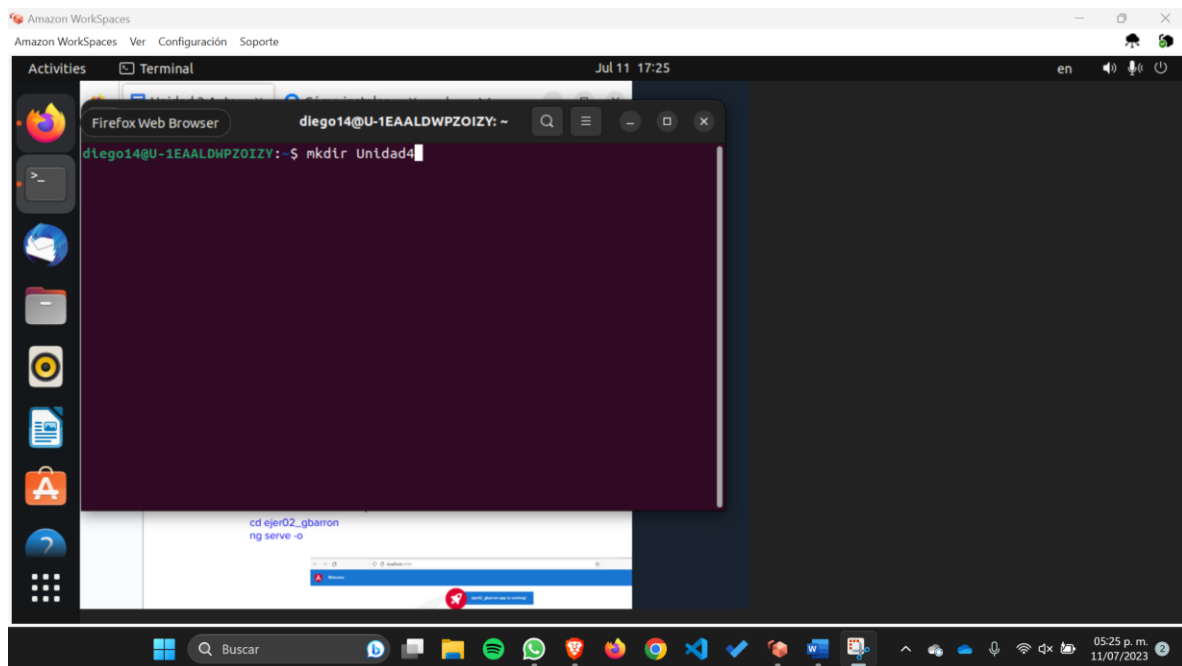
Tenga en cuenta el ID del contenedor en el símbolo del sistema. En

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Evidencia de Instalación de Docker.



Instalar NPM, NodeJs y Angular.



Amazon WorkSpaces

Amazon WorkSpaces Ver Configuración Soporte

Activities Terminal Jul 11 17:28 en

```
diego14@U-1EAALDWPZOIZY: ~  
se amd64 DEP-11 Metadata [940 B]  
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main a  
amd64 DEP-11 Metadata [7,996 B]  
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/univer  
se amd64 DEP-11 Metadata [15.3 kB]  
Fetched 749 kB in 2s (359 kB/s)  
Reading package lists... Done  
W: https://download.docker.com/linux/ubuntu/dists/focal/InRelease: Key is st  
ored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATI  
ON section in apt-key(8) for details.  
  
## Confirming "jammy" is supported...  
  
+ curl -sLf -o /dev/null 'https://deb.nodesource.com/node_10.x/dists/jammy/R  
elease'  
  
## Your distribution, identified as "jammy", is not currently supported, ple  
ase contact NodeSource at https://github.com/nodesource/distributions/issues  
if you think this is incorrect or would like your distribution to be consid  
ered for support  
  
diego14@U-1EAALDWPZOIZY:~$  
cd ejer02_gbarron  
ng serve -o
```

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Amazon WorkSpaces

Amazon WorkSpaces Ver Configuración Soporte

Activities Terminal Jul 11 17:29 en

```
diego14@U-1EAALDWPZOIZY: ~  
## Your distribution, identified as "jammy", is not currently supported, ple  
ase contact NodeSource at https://github.com/nodesource/distributions/issues  
if you think this is incorrect or would like your distribution to be consid  
ered for support  
  
diego14@U-1EAALDWPZOIZY:~$ sudo apt-get install -y nodejs  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  javascript-common libjs-highlight.js libnode72 nodejs-doc  
Suggested packages:  
  apache2 | lighttpd | httpd npm  
The following NEW packages will be installed:  
  javascript-common libjs-highlight.js libnode72 nodejs nodejs-doc  
0 upgraded, 5 newly installed, 0 to remove and 264 not upgraded.  
Need to get 13.7 MB of archives.  
After this operation, 53.8 MB of additional disk space will be used.  
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 javasc  
ript-common all 11+nmui [5,936 B]  
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 li  
bjs-highlight.js all 9.18.5+dfsg1-1 [367 kB]  
cd ejer02_gbarron  
ng serve -o
```

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