



“Con Tecnología y Espíritu Una Patria Forjare”

“Inteligencia Artificial” Unidad 3 y 4

Evaluación

Materia: Inteligencia Artificial

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05 de diciembre de 2023

San Luis Potosí, S.L.P.

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https://github.com/EduardoAlejandro98/IA_ITSLP/tree/main/U3%20-%20U4

<http://54.172.216.154/>

Panel de EC2

Vista global de EC2

Eventos

Console-to-Code

Novedad

Instancias

Tipos de instancia

Plantillas de lanzamiento

Solicitudes de spot

Savings Plans

Instancias reservadas

Alojamientos dedicados

Reservas de capacidad

Novedad

Imágenes

AMI

EC2 > Instancias > Lanzar una instancia

Correcto

El lanzamiento de la instancia se inició correctamente (i-021e0614c4079722e)

Registro de lanzamiento

Pasos siguientes

Crear alertas de uso del nivel gratuito y facturación

Para administrar los costos y evitar facturas sorpresa, configure las notificaciones por correo electrónico para los umbrales de uso del nivel gratuito y facturación.

Conectarse a la instancia

Una vez que la instancia esté en ejecución, inicie sesión en ella desde el equipo local.

Conectarse a la instancia

Más información

Amazon Q

Preview

Amazon Q solo está disponible en inglés. Cambia la configuración de idioma.

Hello! I'm Amazon Q, your AWS generative AI assistant.

Ask me anything about AWS services and features or choose a sample question below to start a conversation.

Ask me anything about AWS services and features or choose a sample question below to start a conversation.

Max 1000 characters

Use of Amazon Q is subject to the Amazon Q Responsible AI Policy

CloudShell

Comentarios

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02:16 a. m. 05/12/2023

EC2 > Instancias > i-021e0614c4079722e > Conectarse a la instancia

Conectarse a la instancia

Conéctese a la instancia i-021e0614c4079722e (IA EXAMEN ALEJANDRO) mediante cualquiera de estas opciones

Conexión de la instancia EC2

Administrador de sesiones

Cliente SSH

Consola de serie de EC2

ID de la instancia

i-021e0614c4079722e (IA EXAMEN ALEJANDRO)

1. Abra un cliente SSH.

2. Localice el archivo de clave privada. La clave utilizada para lanzar esta instancia es IAEXAMENALEJANDRO.pem

3. Ejecute este comando, si es necesario, para garantizar que la clave no se pueda ver públicamente.

chmod 400 IAEXAMENALEJANDRO.pem

4. Conéctese a la instancia mediante su DNS público:

ec2-54-172-216-154.compute-1.amazonaws.com

Ejemplo:

ssh -i "IAEXAMENALEJANDRO.pem" ubuntu@ec2-54-172-216-154.compute-1.amazonaws.com

Nota: En la mayoría de los casos, el nombre de usuario adivinado es correcto. Sin embargo, lea las instrucciones de uso de la AMI para comprobar si el propietario de la AMI ha cambiado el nombre de usuario.

Amazon Q

Preview

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02:17 a. m. 05/12/2023

```
ubuntu@ip-172-31-29-10: ~
Microsoft Windows [Versión 10.0.19045.3693]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\River>cd downloads

C:\Users\River\Downloads>ssh -i "IAEXAMENALEJANDRO.pem" ubuntu@ec2-54-172-216-154.compute-1.amazonaws.com
The authenticity of host 'ec2-54-172-216-154.compute-1.amazonaws.com (54.172.216.154)' can't be established.
ECDSA key fingerprint is SHA256:JchzpC9qxWjuZcYTTKMKzqwX6T+gKExv8RTXuF/Qwfo.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-172-216-154.compute-1.amazonaws.com,54.172.216.154' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1012-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Tue Dec 5 08:19:02 UTC 2023

System load: 0.171875      Processes:            103
Usage of /:  5.4% of 28.89GB Users logged in:        0
Memory usage: 21%          IPv4 address for eth0: 172.31.29.10
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

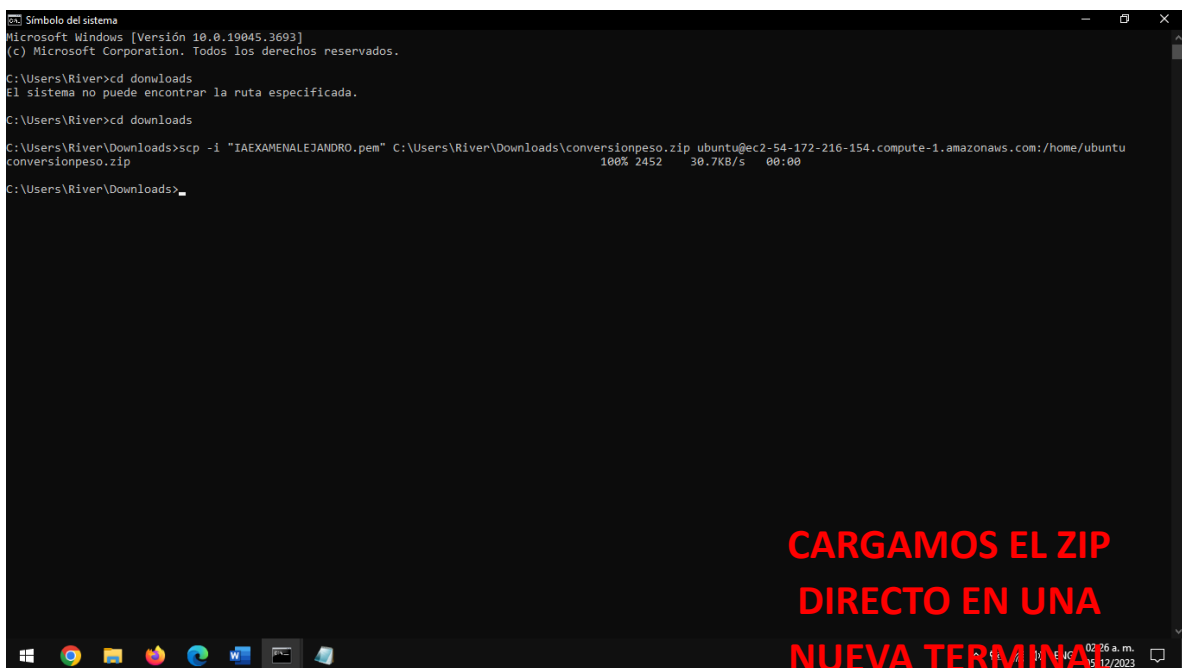
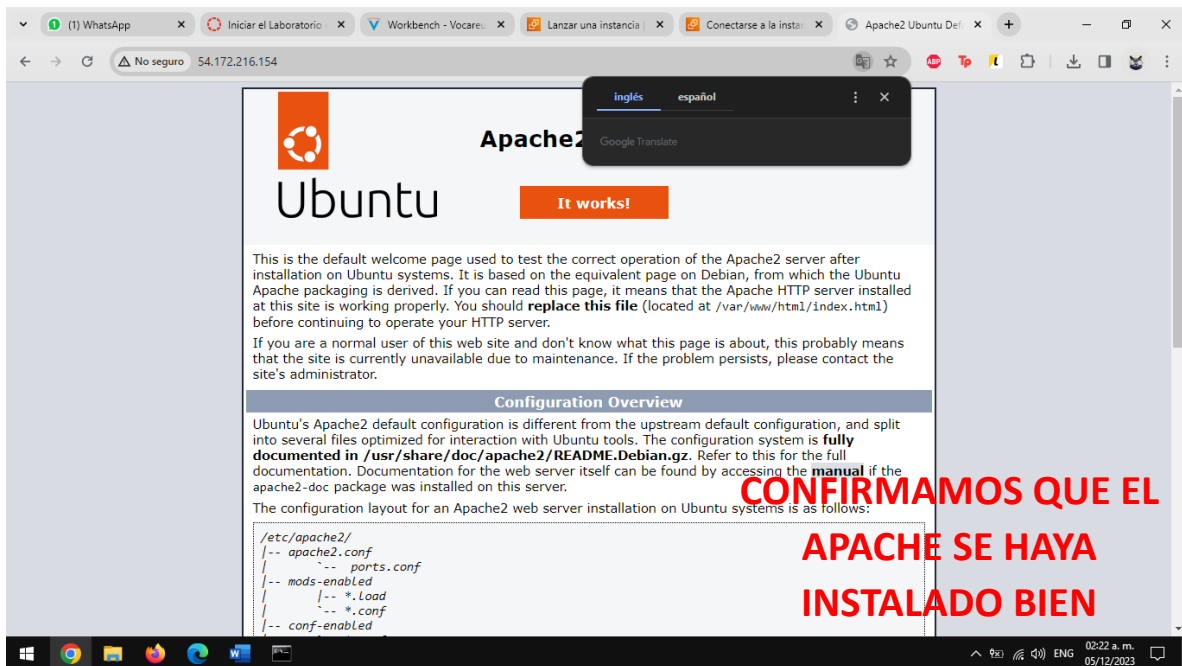
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

**ABRIMOS LA TERMINAL Y
COMENZAMOS A CONECTARNOS E
INSTALAR LAS COSAS
CORRESPONDIENTES**

```
ubuntu@ip-172-31-29-10: ~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1211 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [253 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [16.1 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1185 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [192 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [520 B]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1813 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [225 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.1 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [41.6 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [9768 B]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [64.2 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [10.5 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.8 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1002 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [193 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11.4 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1164 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [189 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [520 B]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [810 kB]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [151 kB]
Get:39 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:40 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [36.5 kB]
Get:41 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7860 B]
Get:42 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 28.6 MB in 5s (5222 kB/s)
```

```
ubuntu@ip-172-31-29-10: /var/www/html
Microsoft Windows [Versión 10.0.19045.3693]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\River>cd downloads

C:\Users\River\Downloads>ssh -i "IAEXAMENALE3ANDRO.pem" ubuntu@ec2-54-172-216-154.compute-1.amazonaws.com
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1012-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Documentation: https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

System information as of Tue Dec  5 08:25:58 UTC 2023

System load: 0.0087890625   Processes:            109
Usage of /:   6.4% of 28.89GB   Users logged in:       1
Memory usage: 22%              IP address for eth0: 172.31.29.10
Swap usage:   0%

 * Ubuntu Pro delivers the most comprehensive open source security and
   compliance features.
   https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

9 updates can be applied immediately.
7 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

*** System restart required ***
Last login: Tue Dec  5 08:19:03 2023 from 187.245.72.6
ubuntu@ip-172-31-29-10:~$ cd
ubuntu@ip-172-31-29-10:~$ cd /var/www/html/
cp: cannot create regular file '/var/www/html/conversionpeso.zip': Permission denied
ubuntu@ip-172-31-29-10:~$ sudo cp conversionpeso.zip /var/www/html/
ubuntu@ip-172-31-29-10:~$ cd /var/www/html/
ubuntu@ip-172-31-29-10:/var/www/html$ ls
```

**NUEVAMENTE NOS CONECTAMOS Y
COMENZAMOS A HACER LOS
MOVIMIENTOS PARA QUE SOLO QUEDE EL
INDEX DEL ARCHIVO .ZIP**

```
ubuntu@ip-172-31-29-10: /var/www/html

*** System restart required ***
Last login: Tue Dec  5 08:19:03 2023 from 187.245.72.6
ubuntu@ip-172-31-29-10:~$ cd
ubuntu@ip-172-31-29-10:~$ cd /var/www/html/
cp: cannot create regular file '/var/www/html/conversionpeso.zip': Permission denied
ubuntu@ip-172-31-29-10:~$ sudo cp conversionpeso.zip /var/www/html/
ubuntu@ip-172-31-29-10:~$ cd /var/www/html/
ubuntu@ip-172-31-29-10:/var/www/html$ ls
conversionpeso.zip  index.html
ubuntu@ip-172-31-29-10:/var/www/html$ rm index.html
rm: remove write-protected regular file 'index.html'? yes
rm: cannot remove 'index.html': Permission denied
ubuntu@ip-172-31-29-10:/var/www/html$ sudo rm index.html
ubuntu@ip-172-31-29-10:/var/www/html$ ls
conversionpeso.zip
ubuntu@ip-172-31-29-10:/var/www/html$ sudo unzip conversionpeso.zip
sudo: unzip: command not found
ubuntu@ip-172-31-29-10:/var/www/html$ sudo apt-get install unzip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  zip
The following NEW packages will be installed:
  unzip
0 upgraded, 1 newly installed, 0 to remove and 4 not upgraded.
Need to get 174 kB of archives.
After this operation, 385 kB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 unzip amd64 6.0-26ubuntu3.1 [174 kB]
Fetched 174 kB in 0s (7400 kB/s)
Selecting previously unselected package unzip.
(Reading database ... 65528 files and directories currently installed.)
Preparing to unpack .../unzip_6.0-26ubuntu3.1_amd64.deb ...
Unpacking unzip (6.0-26ubuntu3.1) ...
Setting up unzip (6.0-26ubuntu3.1) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...

Running kernel seems to be up-to-date.
```

```
ubuntu@ip-172-31-29-10: /var/www/html
Unpacking unzip (6.0-26ubuntu3.1) ...
Setting up unzip (6.0-26ubuntu3.1) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...

Running kernel seems to be up-to-date.

Restarting services...
Service restarts being deferred:Service restarts being deferred:
/etc/needrestart/restart.d/dbus.service
systemctl restart getty@tty1.service
systemctl restart networkd-dispatcher.service
systemctl restart unattended-upgrades.service
systemctl restart user@1000.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.
ubuntu@ip-172-31-29-10:/var/www/html$ sudo unzip conversionpeso.zip
Archive: conversionpeso.zip
  extracting: group1-shardiof1.bin
   inflating: index.html
   inflating: model.json
ubuntu@ip-172-31-29-10:/var/www/html$ ls
conversionpeso.zip  group1-shardiof1.bin  index.html  model.json
ubuntu@ip-172-31-29-10:/var/www/html$
```

```
ubuntu@ip-172-31-29-10: ~
systemctl restart user@1000.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.
ubuntu@ip-172-31-29-10:~$ scp -i "IAEXAMENALEJANDRO.pem" C:\Users\River\Downloads\conversionpeso.zip ubuntu@ec2-54-172-216-154.compute-1.amazonaws.com:/home/ubuntu
Warning: Identity file IAEXAMENALEJANDRO.pem not accessible: No such file or directory.
Warning: Identity file IAEXAMENALEJANDRO.pem not accessible: No such file or directory.
ssh: Could not resolve hostname c: Temporary failure in name resolution
Host key verification failed.
ubuntu@ip-172-31-29-10:~$ sudo apt-get install unzip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
unzip is already the newest version (6.0-26ubuntu3.1).
0 upgraded, 0 newly installed, 0 to remove and 4 not upgraded.
ubuntu@ip-172-31-29-10:~$
```

**UNA VEZ FINALIZADO NOS REGRESAMOS A LA
1RA TERMINAL ABIERTA Y EJECUTAMOS EL
COMANDO SCP Y CARGAMOS LOS ARCHIVOS**

