

Inicio

idos

discusión

izarra)

AWS

Used \$0 of \$50

03:52

Start Lab

End Lab

AWS Details

Readme

Reset

X

eee JL_5264384@runeb192334:~\$ []

Cloud Access

Close

AWS CLI: Show

Cloud Labs

Remaining session time: 03:56:01(237 minutes)

Session started at: 2025-10-23T23:52:05-0700

Session to end at: 2025-10-24T03:52:05-0700

Accumulated lab time: 00:03:00 (3 minutes)

No running instance

SSH key Download PEM Download PPK

AWS SSO Download URL

Lanzar una instancia

Información

Amazon EC2 le permite crear máquinas virtuales, o instancias, que se ejecutan en la nube de AWS. Comience rápidamente siguiendo los sencillos pasos que se indican a continuación.

Nombre y etiquetas

Información

Nombre

por ejemplo, Mi servidor web

Agregar etiquetas adicionales

▼ Imágenes de aplicaciones y sistemas operativos (Imagen de máquina de Amazon)

Información

Una AMI posee el sistema operativo, el servidor de aplicaciones y las aplicaciones de la instancia. Si a continuación no ve una AMI adecuada, utilice el campo de búsqueda o elija Buscar más AMI.

Busque en nuestro catálogo completo que incluye miles de imágenes de sistemas operativos y aplicaciones

Inicio rápido

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Buscar más AMI

Inclusión de AMI de AWS, Marketplace y la comunidad

Imágenes de máquina de Amazon (AMI)

AMI de Amazon Linux 2023 kernel-6.1

ami-0341d95f75f311023 (64 bits (x86), uefi-preferred) / ami-0858a76ce571eb464 (64 bits (Arm), uefi)

Virtualización hvm Activado para ENA: true Tipo de dispositivo raíz: ebs

Apto para la capa gratuita

Descripción

Amazon Linux 2023 (kernel-6.1) es un sistema operativo moderno y de uso general basado en Linux que incluye 5 años de soporte a largo plazo. Está optimizado para AWS y diseñado para proporcionar un entorno de ejecución seguro, estable y de alta disponibilidad para desarrollar y ejecutar sus aplicaciones en la nube.

▼ Resumen

Número de instancias

Información

1

Imagen de software (AMI)

Amazon Linux 2023 AMI 2023.9.2...más información

ami-0341d95f75f311023

Tipo de servidor virtual (tipo de instancia)

t3.micro

Firewall (grupo de seguridad)

Nuevo grupo de seguridad

Almacenamiento (volúmenes)

Volúmenes: 1 (8 GiB)

Cancelar

Lanzar instancia

Código de versión preliminar

instancias (1)

Información

Última actualización

Hace less than a minute

Conectar

Estado de la instancia

Acciones

Lanzar instancias

Buscar instancia por atributo o etiqueta (case-sensitive)

Todos los ...

Estado de la instancia = running

Quitar los filtros

1

Name

ID de la instancia

Estado de la i...

Tipo de inst...

Comprobación de

Estado de la al

Zona de dispon...

DNS de IPv4 pública

Dirección IP...

IP elástica

Servidor-Web-...

i-0374a9eee857df035

En ejecución

t3.micro

Iniciando

Ver alarmas +

us-east-1b

ec2-54-91-94-250.com...

54.91.94.250

-

Reglas de entrada

Información

ID de la regla del grupo de seguridad

Tipo

Protocolo

Intervalo de puertos

Origen

Descripción: opcional

sgr-03e8c031d9be412fe

SSH

TCP

22

Persona...

0.0.0.0/0

Eliminar

-

TCP personalizado

TCP

8080

Anywhe...

0.0.0.0/0

Eliminar

-

TCP personalizado

TCP

8081

Anywhe...

0.0.0.0/0

Eliminar

-

TCP personalizado

TCP

8082

Anywhe...

0.0.0.0/0

Eliminar

-

TCP personalizado

TCP

8443

Anywhe...

0.0.0.0/0

Eliminar

Agregar regla

Cancelar

Previsualizar los cambios

Guardar reglas

MIIEpAIBAACKAQEA8MWUVFw9//jboAKVI+9CpkuhBkq0rrSEIhgWBcd/J7/XeV3
DljC87K/yvfoqqJ9J5Yq+2aMDHP7El0wmnZ+cVSqlvA0p02Ywe7KIO2iWnEysSD4
w9IsB4oc3R10quF/OIblPoxohj0/UAWdoEm3l8Mz1UHwhhMOvxoeB3QUGIT+q1L6
2lNV3nZaZWwmpUdqV5GX+EQXYnto2f8+xAP7OM+6SE1Vu9vp0l86STGSR+Mmzuzs
EUv/vf80jcN0V7rZDYajMdfX6aVgseN4IlFkQCXZ1CQKNrsk7J4b/IIMXox74Gx4
Atm5rv2X5RZxTYc08mnQ3npOLNV0oxwLx9BKwIDAQABAoIBAGkspcMvND3hFaOr
YlfWAiojB+LEa2IEQcbfC9bvIjY77ilCF204+lAiA03UhVokaK9mNZhkD0FRWJeJ
BbYzlMBEz8/nVdfFwjU6o6/v2/qis49L029XWZduoYMW+5ZWo2Cv5k3FGGvV3zJ
NzXRfdVZe8boaxcb5BEug3eWCUE73mq7VGLd30l3JldSWPvVlsGjKzFtXamPVsIj
EevnQ6/iAVtmsZV1RKASyffYnWLL6P5sMWktDSzIs4Ee1uk7LN4XBF05brMjw7qq
4asNX2Yf+It6zDxbEI0QCqOuDKH34ucWEoeqJ8mf5GGekAtHXHldAo9phRS02J/L
78i+5gECgYEA+i3+dSbnHYlk0oRKBCAo0lE6iBM9167NIwjG1Rjrj9ikDZiiyDn
VfSLKi7L5lsG/Kr2m4KoikxWeEo39la609pCuEEmFatQjpHf5Bet5t7CH1uRdn08
UV0fSf6MfxqM6aIr8pphGzy2rF/kI4YBHzNVXN7KKTqnULZikJFwksECgYEA9l+N
+aiHUA2jCgEcVu2E3trKskgHS1Yiqavuu0egPzLYIVjNV/7djF21IXhw6GTVycr
uDQ6T+fb4JyW1KwILakgMs/OiaGSv1MRqxhrGHrMDCMN6W+7JLKCKbNWqY8SvFpJ
Tk7as/IVSkulYI76X2yniWKNqI7ZbEjls0tNCusCgYEA9oXJ/yD1jpprmjG3S1Fe

USAGE: wsl COMMAND [PARAMS...]

COMMANDS:

identify - WS-Identify
enum - WS-Enumerate
get - WS-Get
put - WS-Put
invoke - WS-Invoke
xclean - Delete all files generated by this tool set
xcred - Create or display credential file
xcert - Get server certificate (saved to <IPADDRESS>.crt)

PARAMS specification is specific to a COMMAND.

Output will be saved to ./response.xml. If you want to run parallel executions in the same directory, define RTFILEPREFIX in the environment. Doing so may significantly increase files generated.

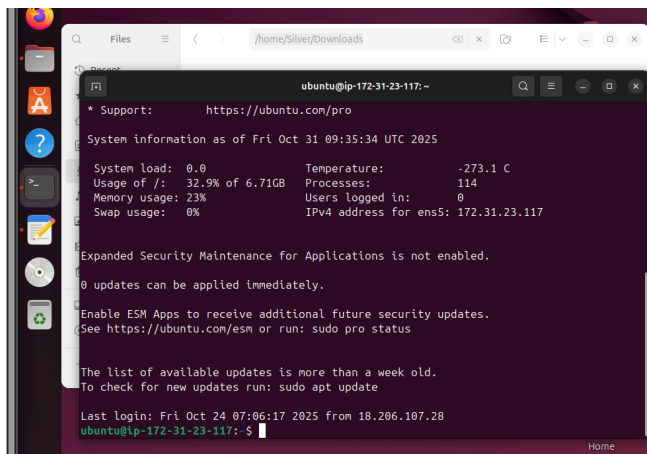
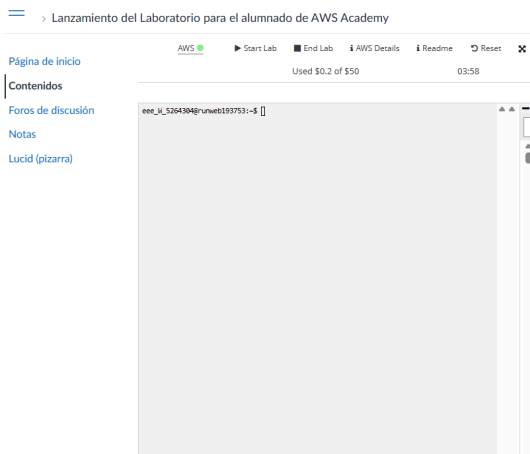
Requires: curl, xmllint, GNU core utilities.

Optional: xsltproc for output formatting, gpg for encrypted credential.

Optional: wget as alternate for curl when not available.

root@UbuntuRuben:/home/Silver#

```
root@UbuntuRuben:/home/Silver/Downloads# cp /home/Silver/Downloads ~/.ssh/  
cp: -r not specified; omitting directory '/home/Silver/Downloads'  
root@UbuntuRuben:/home/Silver/Downloads# cp labsuser.pem ~/.ssh/labsuser.pem  
root@UbuntuRuben:/home/Silver/Downloads# chmod 400 ~/.ssh/labsuser.pem  
root@UbuntuRuben:/home/Silver/Downloads# ls -la ~/.ssh/labsuser.pem  
-r----- 1 root root 1678 Oct 31 09:21 /root/.ssh/labsuser.pem
```



```
no VM guests are running outside hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-23-117:~$ sudo nano /etc/apache2/sites-available/000-default.conf
ubuntu@ip-172-31-23-117:~$ sudo apt install php libapache2-mod-php -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-aws-6.14-headers-6.14.0-1011 linux-aws-6.14-tools-6.14.0-1011
  linux-headers-6.14.0-1011-aws linux-image-6.14.0-1011-aws
  linux-modules-6.14.0-1011-aws linux-tools-6.14.0-1011-aws
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libapache2-mod-php8.3 php-common php8.3 php8.3-cli php8.3-common php8.3-opcache
  php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 php php-common php8.3 php8.3-cli
  php8.3-common php8.3-opcache php8.3-readline
0 upgraded, 9 newly installed, 0 to remove and 0 not upgraded.
Need to get 4922 kB of archives.
After this operation, 22.4 MB of additional disk space will be used.
```

```
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabl>
   Active: active (running) since Fri 2025-10-31 09:53:14 UTC; 10s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 13148 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 13152 (apache2)
     Tasks: 6 (limit: 1017)
    Memory: 10.7M (peak: 11.2M)
       CPU: 56ms
    CGroup: /system.slice/apache2.service
            └─13152 /usr/sbin/apache2 -k start
              └─13154 /usr/sbin/apache2 -k start
                └─13155 /usr/sbin/apache2 -k start
                  └─13156 /usr/sbin/apache2 -k start
                    └─13157 /usr/sbin/apache2 -k start
                      └─13158 /usr/sbin/apache2 -k start

Oct 31 09:53:14 ip-172-31-23-117 systemd[1]: Starting apache2.service - The Apache HTTP Server>
Oct 31 09:53:14 ip-172-31-23-117 systemd[1]: Started apache2.service - The Apache HTTP Server>
```

```
ubuntu@ip-172-31-23-117:~$ sudo netstat -tulpn | grep apache2
tcp6      0      0 :::80      :::*       LISTEN    13152
/apache2
ubuntu@ip-172-31-23-117:~$
```

```
ubuntu@ip-172-31-23-117:~$ echo "<h1>Server Nginx</h1><p>Funcionando en puerto 8081</p>" | sudo tee /usr/share/nginx/html/index.html
<h1>Server Nginx</h1><p>Funcionando en puerto 8081</p>
```

```
ubuntu@ip-172-31-23-117:~$ sudo systemctl restart nginx
```

```
ubuntu@ip-172-31-23-117:~$ sudo systemctl status nginx
```

```
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Fri 2025-10-31 10:16:02 UTC; 10s ago
     Docs: man:nginx(8)
  Process: 13872 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on;
  Process: 13874 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=ex
Main PID: 13875 (nginx)
   Tasks: 3 (limit: 1017)
  Memory: 2.5M (peak: 2.7M)
    CPU: 17ms
   CGroup: /system.slice/nginx.service
           └─13875 "nginx: master process /usr/sbin/nginx -g daemon on; master_proce
             └─13876 "nginx: worker process"
               └─13877 "nginx: worker process"
```

```
Oct 31 10:16:02 ip-172-31-23-117 systemd[1]: Starting nginx.service - A high performan
```

```
Oct 31 10:16:02 ip-172-31-23-117 systemd[1]: Started nginx.service - A high performanc
```

```
lines 1-17/17 (END)
```

```
[17]  stopped 3000 systemctl status nginx
```

```
ubuntu@ip-172-31-23-117:~$ sudo netstat -tulpn | grep nginx
```

```
tcp      0      0 0.0.0.0:8081 0.0.0.0:*    LISTEN    13875,
nginx: master
tcp6     0      0 :::8081     :::*         LISTEN    13875,
nginx: master
```

```
ubuntu@ip-172-31-23-117:~$ curl http://localhost:8081
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/x
tml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<!--
```

```
Modified from the Debian original for Ubuntu
```

```
Last updated: 2022-03-22
```

```
See: https://launchpad.net/bugs/1966004
```

```
-->
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
```

```
<title>Apache2 Ubuntu Default Page: It works</title>
```

```
<style type="text/css" media="screen">
```

```
* {
```

```
margin: 0px 0px 0px 0px;
```

```

ubuntu@ip-172-31-23-117:~$ sudo apt install -y debian-keyring debian-archive-keyring apt-transport-https curl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
curl is already the newest version (8.5.0-2ubuntu10.6).
curl set to manually installed.
The following packages were automatically installed and are no longer required:
  linux-aws-6.14-headers-6.14.0-1011 linux-aws-6.14-tools-6.14.0-1011
  linux-headers-6.14.0-1011-aws linux-image-6.14.0-1011-aws linux-modules-6.14.0-1011-aws
  linux-tools-6.14.0-1011-aws
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  apt-transport-https debian-archive-keyring debian-keyring
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 31.5 MB of archives.
After this operation, 33.4 MB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 apt-transport-https all 2.8.3 [3970 B]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 debian-archive-keyring all 2023.4ubuntu1 [168 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 debian-keyring all 2023.12.24 [31.3 MB]

```

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

```

ubuntu@ip-172-31-23-117:~$ curl -sLf 'https://dl.cloudsmith.io/public/caddy/stable/gpg.key' | sudo
gpg --dearmor -o
/usr/share/keyrings/caddy-stable-archive-keyring.gpg
gpg: missing argument for option "-o"
-bash: /usr/share/keyrings/caddy-stable-archive-keyring.gpg: No such file or directory
ubuntu@ip-172-31-23-117:~$ curl -sLf 'https://dl.cloudsmith.io/public/caddy/stable/gpg.key' | sudo
gpg --dearmor -o /usr/share/keyrings/caddy-stable-archive-keyring.gpg
ubuntu@ip-172-31-23-117:~$ curl -sLf 'https://dl.cloudsmith.io/public/caddy/stable/debian.deb.txt'
| sudo tee /etc/apt/sources.list.d/caddy-stable.list
# Source: Caddy
# Site: https://github.com/caddyserver/caddy
# Repository: Caddy / stable
# Description: Fast, multi-platform web server with automatic HTTPS

deb [signed-by=/usr/share/keyrings/caddy-stable-archive-keyring.gpg] https://dl.cloudsmith.io/public/caddy/stable/deb/debian any-version main

deb-src [signed-by=/usr/share/keyrings/caddy-stable-archive-keyring.gpg] https://dl.cloudsmith.io/public/caddy/stable/deb/debian any-version main
ubuntu@ip-172-31-23-117:~$

```

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

```

ubuntu@ip-172-31-23-117:~$ sudo mkdir -p /var/www/caddy
ubuntu@ip-172-31-23-117:~$ echo "# Bienvenido a Caddy" | sudo tee /var/www/caddy/README.md
# Bienvenido a Caddy

```

```
ubuntu@ip-172-31-23-117:~$ echo "# Bienvenido a Caddy" | sudo tee /var/www/caddy/README.md
# Bienvenido a Caddy
ubuntu@ip-172-31-23-117:~$ echo "" | sudo tee -a /var/www/caddy/README.md

ubuntu@ip-172-31-23-117:~$ echo "Este servidor está funcionando correctamente." | sudo tee -a /var/www/caddy/README.md
Este servidor está funcionando correctamente.
ubuntu@ip-172-31-23-117:~$ echo "" | sudo tee -a /var/www/caddy/README.md

ubuntu@ip-172-31-23-117:~$ echo "## Características" | sudo tee -a /var/www/caddy/README.md
echo "- Servidor moderno" | sudo tee -a /var/www/caddy/README.md
echo "- HTTPS automático" | sudo tee -a /var/www/caddy/README.md
echo "- Fácil configuración" | sudo tee -a /var/www/caddy/README.md
## Características
- Servidor moderno
- HTTPS automático
- Fácil configuración
ubuntu@ip-172-31-23-117:~$ curl -o /tmp/test-image.jpg "https://www.python.org/static/apple-touch-icon-144x144-precomposed.png"
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  7382  100  7382    0     0  164k    0 --:--:-- --:--:-- --:--:--  167k
```

```
ubuntu@ip-172-31-23-117:~$ sudo systemctl status caddy
caddy.service - Caddy
Loaded: loaded (/usr/lib/systemd/system/caddy.service; enabled; preset: enabled)
Active: active (running) since Fri 2025-10-31 10:26:26 UTC; 12s ago
Docs: https://caddyserver.com/docs/
Main PID: 14762 (caddy)
Tasks: 8 (limit: 1017)
Memory: 11.4M (peak: 11.9M)
CPU: 78ms
CGroup: /system.slice/caddy.service
└─14762 /usr/bin/caddy run --environ --config /etc/caddy/Caddyfile

ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.430911,"logger":"admin","msg":">
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.4311442,"logger":"tls.cache.ma>
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"warn","ts":1761906386.4312186,"logger":"http","msg":">
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"warn","ts":1761906386.4312263,"logger":"http","msg":">
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.43123,"logger":"http.log","msg">
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.4315012,"msg":"autosaved confi>
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.431594,"msg":"serving initial >
ct 31 10:26:26 ip-172-31-23-117 systemd[1]: Started caddy.service - Caddy.
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.4353197,"logger":"tls","msg":">
ct 31 10:26:26 ip-172-31-23-117 caddy[14762]: {"level":"info","ts":1761906386.43849,"logger":"tls","msg":"fi>
```

```

                                d = new Date(e.textContent);
                                if (isNaN(d)) {
                                    return;
                                }
                                }
                                e.textContent = d.toLocaleString();
                            }
                            var timeList = Array.prototype.slice.call(document.getElementsByTagName("time"));
                            timeList.forEach(localizeDatetime);
                            // @license-end
                        </script>
                    </body>
                </html>
ubuntu@ip-172-31-23-117:~$ curl http://localhost:8082/README.md
Bienvenido a Caddy

Este servidor está funcionando correctamente.

## Características
Servidor moderno
HTTPS automático
Fácil configuración
ubuntu@ip-172-31-23-117:~$
```

[illegible]