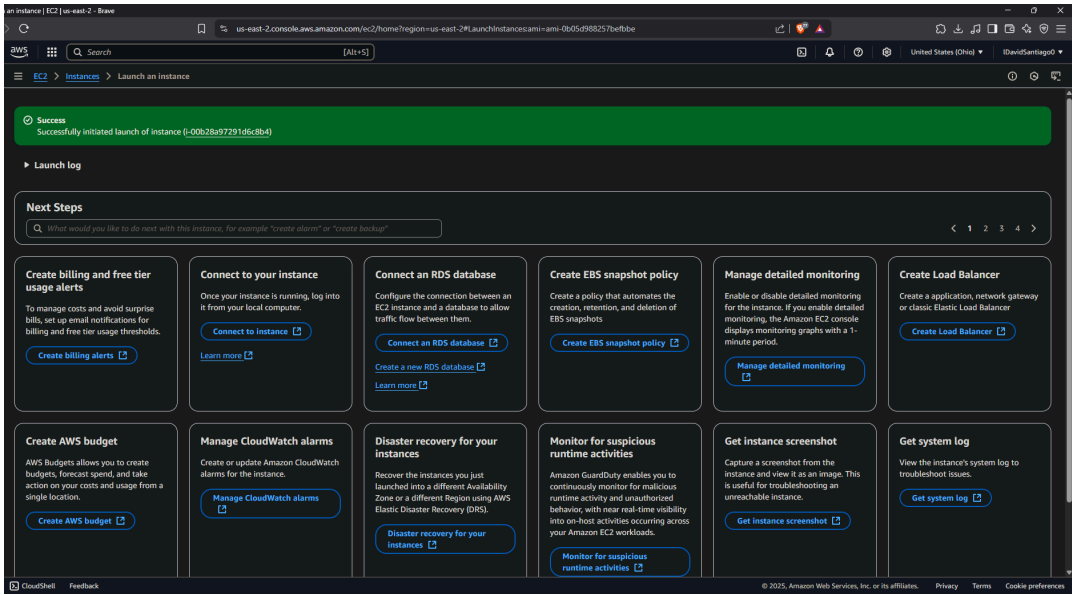
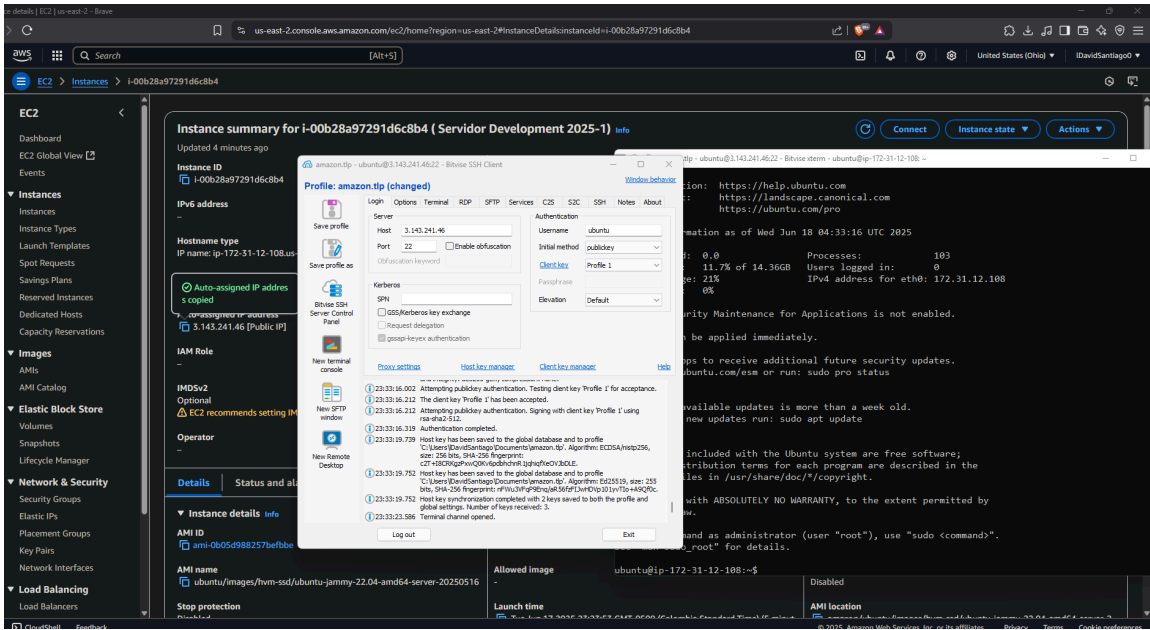


CREACION DE CUENTA AWS Y LA INSTANCIA EC2



CONEXION A BITWISE



ABRIR CONSOLA Y INSTALAR NGINX, JAVA Y POSTGRESQL

```
amazon.tlp - ubuntu@3.143.241.46:22 - Bitvise xterm - ubuntu@ip-172-31-12-108: ~
x.service.
Setting up libjbig0:amd64 (2.1-3.1ubuntu0.22.04.1) ...
Setting up libnginx-mod-http-xslt-filter (1.18.0-6ubuntu14.6) ...
Setting up fonts-dejavu-core (2.37-2build1) ...
Setting up libjpeg-turbo8:amd64 (2.1.2-0ubuntu1) ...
Setting up libwebp7:amd64 (1.2.2-2ubuntu0.22.04.2) ...
Setting up libnginx-mod-http-geoip2 (1.18.0-6ubuntu14.6) ...
Setting up libjpeg8:amd64 (8c-2ubuntu10) ...
Setting up libnginx-mod-mail (1.18.0-6ubuntu14.6) ...
Setting up fontconfig-config (2.13.1-4.2ubuntu5) ...
Setting up libnginx-mod-stream (1.18.0-6ubuntu14.6) ...
Setting up libtiff5:amd64 (4.3.0-6ubuntu0.10) ...
Setting up libfontconfig1:amd64 (2.13.1-4.2ubuntu5) ...
Setting up libnginx-mod-stream-geoip2 (1.18.0-6ubuntu14.6) ...
Setting up libgd3:amd64 (2.3.0-2ubuntu2.3) ...
Setting up libnginx-mod-http-image-filter (1.18.0-6ubuntu14.6) ...
Setting up nginx-core (1.18.0-6ubuntu14.6) ...
* Upgrading binary nginx
Setting up nginx (1.18.0-6ubuntu14.6) ...
Processing triggers for ufw (0.36.1-4ubuntu0.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.9) ...
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No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-12-108:~$
```

[OK]

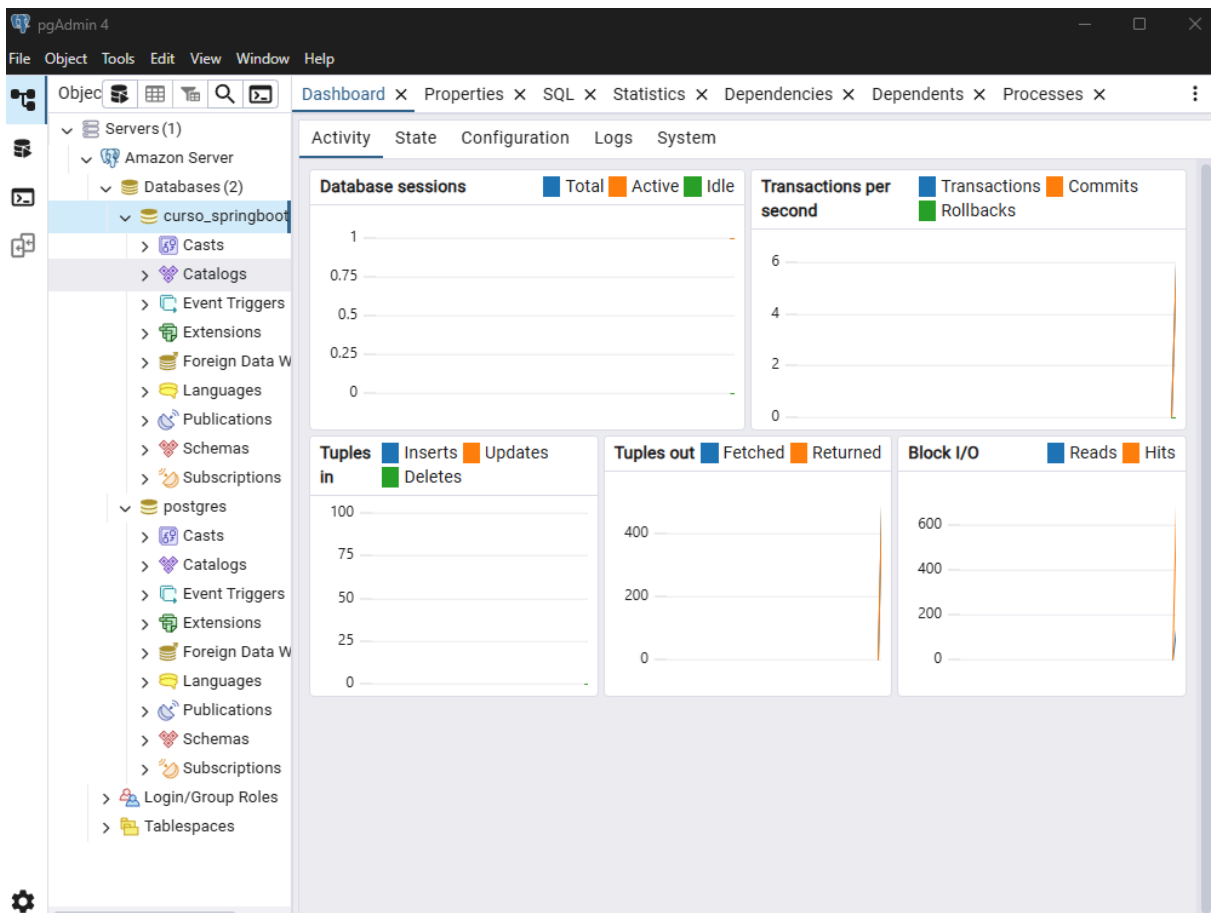
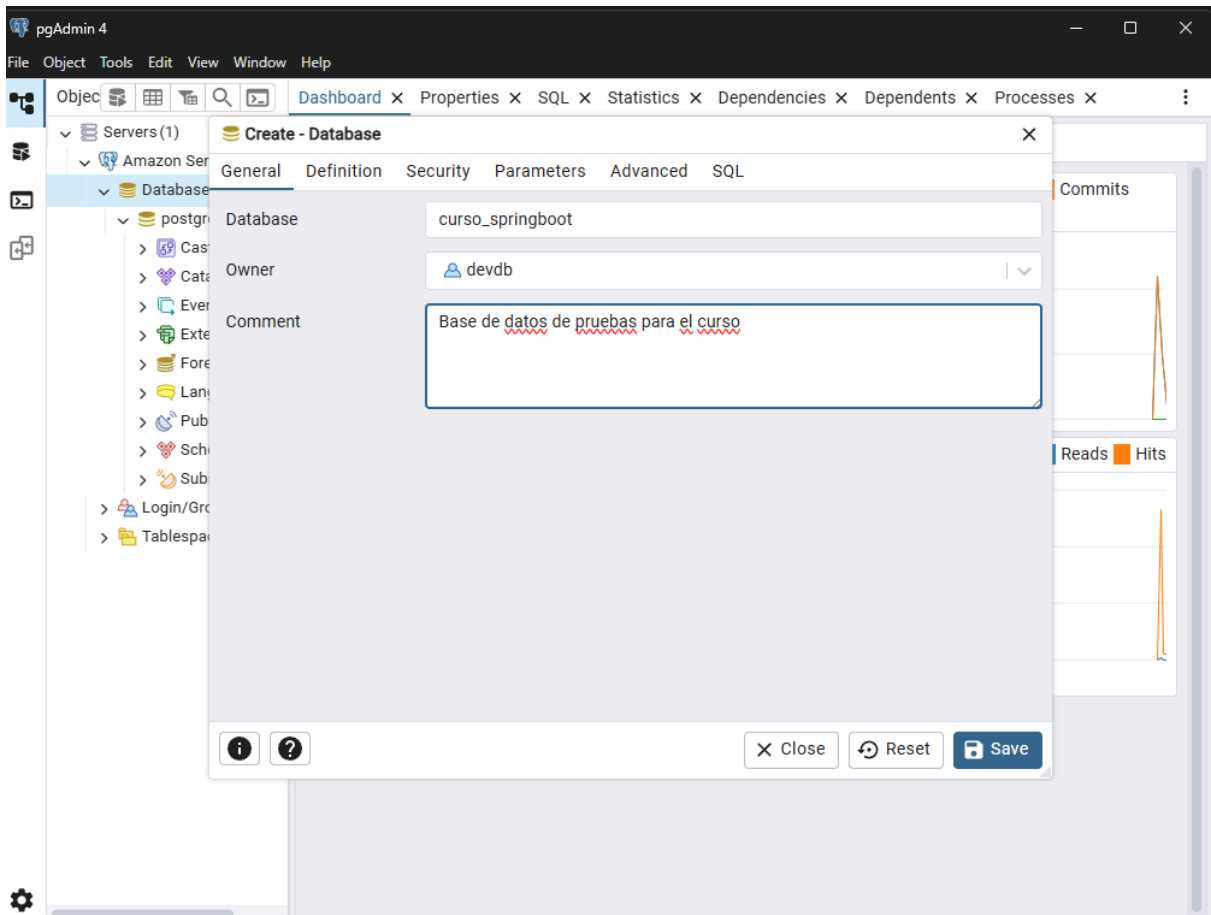
```
me to nginx! - Brave
> Not secure 3.143.241.46
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.
```

CONEXION CON PGADMIN 4



CREACION PROFILE 2

```
Last login: Wed Jun 18 04:33:23 2025 from 190.68.17.209
ubuntu@ip-172-31-12-108:~$ cd .ssh
ubuntu@ip-172-31-12-108:~/.ssh$ ls
authorized_keys
ubuntu@ip-172-31-12-108:~/.ssh$ ls -la
total 12
drwx----- 2 ubuntu ubuntu 4096 Jun 18 04:24 .
drwxr-x--- 4 ubuntu ubuntu 4096 Jun 18 04:55 ..
-rw----- 1 ubuntu ubuntu 399 Jun 18 04:24 authorized_keys
ubuntu@ip-172-31-12-108:~/.ssh$ ssh-keygen -t RSA -m PEM -b 2048
Generating public/private RSA key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_rsa): id_rsa_aws_2025
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in id_rsa_aws_2025
Your public key has been saved in id_rsa_aws_2025.pub
The key fingerprint is:
SHA256:fK8YqSd/El2wnbsfRhoj/MLKKI2UxM9yvEQPH0gnKv0 ubuntu@ip-172-31-12-108
The key's randomart image is:
+----[RSA 2048]-----+
|
|   o . .
|  o o + + .
| . = +.... +
|   o B +So+.o..
|  + E ++.+. =
| . * .o.o +.o
|   o ++o+.o.. .
|  .o+=o. . .
+----[SHA256]-----+
ubuntu@ip-172-31-12-108:~/.ssh$ ls
authorized_keys id_rsa_aws_2025 id_rsa_aws_2025.pub
ubuntu@ip-172-31-12-108:~/.ssh$ cat id_rsa_aws_2025.pub >> authorized_keys
ubuntu@ip-172-31-12-108:~/.ssh$
```

Bitwise Client Key Management | Cryptographic provider: Windows CNG (x86) with additions

Client Key Manager

You have the following SSH user authentication keys:

Location	Algorithm	Size	Pass...	SHA-256 Fingerprint	MD5 Fingerprint	Bubble Babble	Comment
Client keys supported by the current crypto provider (2):							
Profile 1	RSA	2048	no	Jdbq2oILk0gLXTlaoqK0YfSETOC...	1e:93:53:42:5f:6f:...	xozim-zobob-rypaf...	servidor a
Profile 2	RSA	2048	no	fK8YqSd/El2wnbsfRhoj/MLKKI2U...	b0:b6:8e:84:7c:ad:...	xirad-topug-cegun...	Servidor A

Generate New

Modify

Remove

Import

Export

Change Passphrase

More

amazon.tlp - ubuntu@3.143.241.4622 - Bitvise SSH Client

Profile: amazon.tlp (changed)

Save profile

Save profile as

Bitvise SSH Server Control Panel

New terminal console

New SFTP window

New Remote Desktop

Server

Host3.143.241.46

Port22

Obfuscation keyword

Obfuscation keyword

Kerberos

SPN

GSS/Kerberos key exchange

Request delegation

gssapi-keyex authentication

Authentication

Usernameubuntu

Initial methodpublickey

Client keyProfile 2

Passphrase

ElevationDefault

Proxy settings

Host key manager

Client key manager

Help

00:03:02.096

First key exchange started. Cryptographic provider: Windows CNG (x86) with additions

00:03:02.312

Received host key from the server. Algorithm: RSA/sha2-512, size: 3072 bits, SHA-256 fingerprint: IAT1/v-4v+qmc22y0N8PEI0Ln/HkSuetAazpSUTkzVWPg.

00:03:02.319

First key exchange completed using Curve25519 (strict). Connection encryption and integrity: aes256-gcm, compression: none.

00:03:02.413

Attempting publickey authentication. Testing client key 'Profile Z' for acceptance.

00:03:02.517

The client key 'Profile Z' has been accepted.

00:03:02.517

Attempting publickey authentication. Signing with client key 'Profile Z' using rsa-sha2-512.

00:03:02.631

Authentication completed.

00:03:02.670

Added client-to-server port forwarding rule on 127.0.0.1:5432 to localhost:5432.

00:03:03.133

Terminal channel opened.

00:03:06.105

Opened channel for client-to-server port forwarding from 127.0.0.1:49339 on 127.0.0.1:5432 to localhost:5432.

Log out

Exit

Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

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

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

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

System information as of Wed Jun 18 05:03:02 UTC 2025

System load: 0.0

Processes: 110

Usage of /: 16.0% of 14.36GB

Users logged in: 0

Memory usage: 25%

IPv4 address for eth0: 172.31.12.108

Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

41 updates can be applied immediately.

32 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`

New release '24.04.2 LTS' available.

Run 'do-release-upgrade' to upgrade to it.

Last login: Wed Jun 18 04:55:09 2025 from 190.68.17.209

ubuntu@ip-172-31-12-108:~\$