

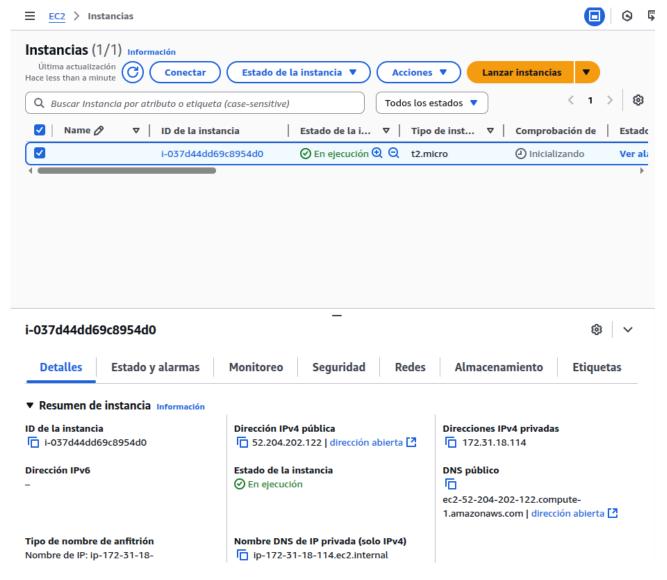
Activitat Aula Qualificable 1.1 Instal·lació bàsica del servidor web Nginx

Alex López España



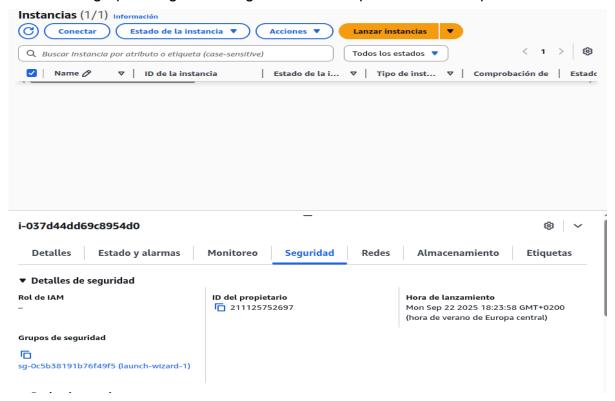
Activitat 1.- Pega les següents captures de pantalla

→ Ip de la màquina virtual (tant la privada com la pública)

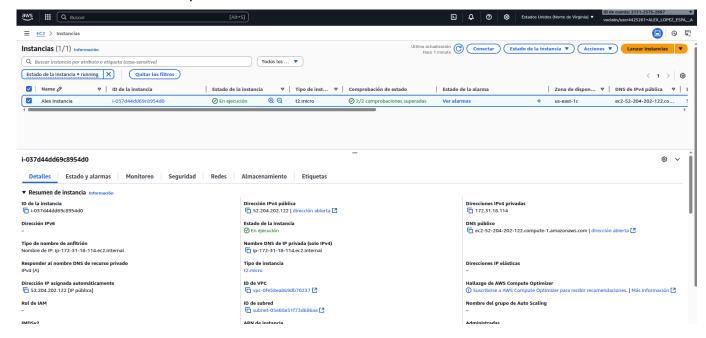




→ Nom del grup de seguretat i regles d'entrada aplicades a la màquina



→ Nom i estat de la màquina virtual





→ Terminal de connexió a la màquina remota (ha d'aparèixer el comandament que has utilitzat per connectar-te)

```
/Documentos$ sudo su
[sudo] contraseña para batoi:
root@canvia-al-teu-nom:/home/batoi/Documentos# chmod 400 DDAW-KEY-PAIR-B1-Alex-Lopez-Espanya.pem
root@canvia-al-teu-nom:/home/batoi/Documentos# ssh -i DDAW-KEY-PAIR-B1-Alex-Lopez-Espanya.pem ec2-52-204-202-122.compute-1.amazonaws.com
The authenticity of host 'ec2-52-204-202-122.compute-1.amazonaws.com (52.204.202.122)' can't be established.
ED25519 key fingerprint is SHA256:N/BNBc7Ms3tz5hqZWbZ3wFrzFziBqLaclp9HZ7JsCcg.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-52-204-202-122.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Please login as the user "ubuntu" rather than the user "root".
  [sudo] contraseña para batoi:
Connection to ec2-52-204-202-122.compute-1.amazonaws.com closed.
root@canvia-al-teu-nom:/home/batoi/Documentos# ssh -i "DDAW-KEY-PAIR-B1-Alex-Lopez-Espanya.pem" ubuntu@ec2-52-204-202-122.compute-1.amazonaws.com
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1011-aws x86_64)
  * Documentation: https://help.ubuntu.com

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

* Support: https://ubuntu.com/pro
   System information as of Mon Sep 22 16:34:39 UTC 2025
    System load: 0.0 Processes:
Usage of /: 25.5% of 6.71GB Users logged in: 0
Heapprocusage: 20% IPv4 address for enX0: 172.31.18.114
    Memory usage: 20%
Swap usage: 0%
Expanded Security Maintenance for Applications is not enabled.
   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.
```

Activitat 2

2.1.- Quina diferencia hi ha entre les comandes systematl enable nginx i systematl start nginx.

systemctl enable nginx lo que hace es que habilita para cuando el sistema se arranque esté activado y **systemctl start nginx** lo que hace es que en caso de no estar iniciado se ejecuta el comando y servicio se activa.

2.2 .- Para i engega el servei de nginx. Pega una captura de pantalla que verifique, per a cada cas, que el servidor és troba a l'estat corresponent.



Cuando lo paro.

```
root@ip-172-31-18-114:/home/ubuntu# systemctl stop nginx
root@ip-172-31-18-114:/home/ubuntu# systemctl status nginx
root@ip-172-31-18-114:/home/ubuntu# systemctl
root@ip-172-31-31-31-314:/home/ubuntu# systemctl
root@ip-172-31-31-31-314:/home/ubuntu# systemctl
root@ip-172-31-31-31-314:/home/ubuntu# systemctl
root@ip-172-31-31-31-314:/home/ubuntu# systemctl
root@ip-172-3
```

Cuando lo pongo en marcha.

```
79.116.148.162 - [22/sep/2025:18:02:37 +0808] "GET /favicon.ico HTTP/1.1" 404 134 "-" "Mozilla/5.0 (iPhone; CPU iPhone of 18 6.0 like Mac OS X) AppleWebkit/695.1.15 (KHTML, like Gecko) CriOS/140.0.7339.122 Mobile/15E148 Safari/604.1" 233.0.67.212 - [22/sep/2025:18:04.4" +0808] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-1.ppg HTTP/1.1" 404 106 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-2.ppg HTTP/1.1" 404 106 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-3.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-5.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-5.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-5.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-5.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86 6.4) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/139.0.0 Safari/537.36" 233.0.67.212 - [22/sep/2025:18:04.4" +0800] "GET /images/photo-5.ppg HTTP/1.1" 404 190 "http://52.204.202.122" "Mozilla/5.0 (XII; Linux X86
```

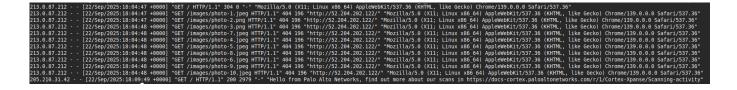
Activitat 3

3.1.- Des de quin client Web ha sigut realitzada cadascuna de les peticions de la captura de pantalla anterior?

El cliente desde el cual se ha realizado es un Mozilla /5.0 desde un linux x86 64

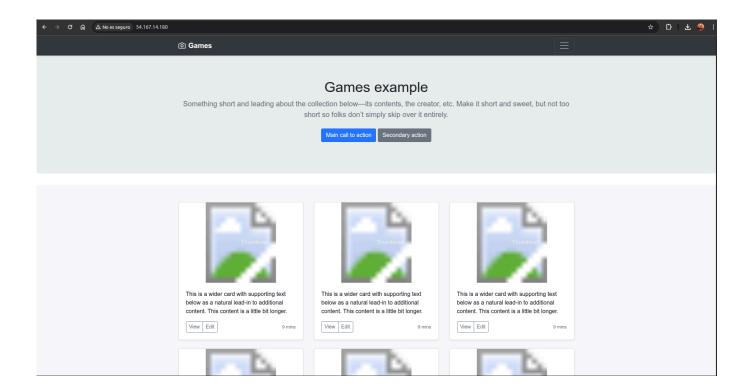


EL cliente desde el cual se inicia es Mozilla/5.0

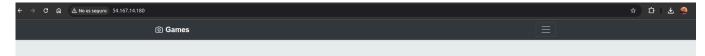


Activitat 4

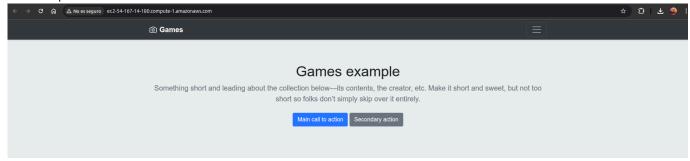
4.1 Fes que el servidor que acabem d'instal·lar serveix-ca la pàgina web estàtica ubicada en el següent repositori. Per finalitzar, accedeix a ella des de el host amfitrió. Per demostrar que has fet correctament el desplegament de la web hauràs de (com a mínim) adjuntar captures de pantalla que demostren:



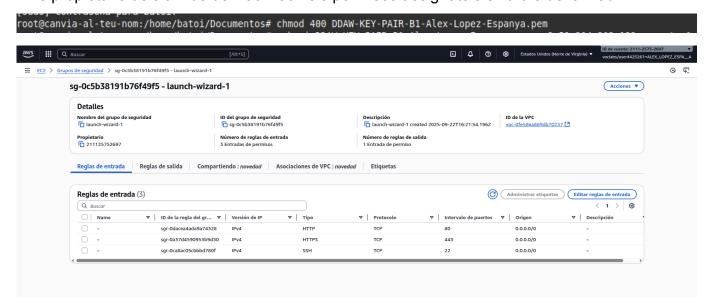
• La web funcionant, l'adreça ficada en el navegador i la IP de la interfície de la màquina virtual. (Atenció! El web ha de ser accesible directament ficant la Ip del servidor al navegador, es a dir, no hem de ficar cap ruta en la url per a accedir-hi).



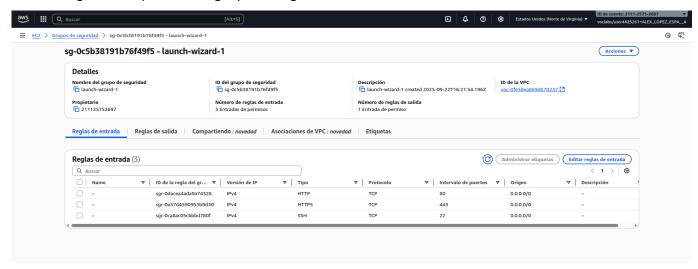




• Els propietaris dels arxius del lloc web i els permisos assignats als fitxers de la web.



• La configuració aplicada al grup de seguretat.



• Una captura de l'accés log que demostre que s'ha accedit al teu servidor



5.- Bibliografía i webgrafía

Yo la bibliografía y la webgrafía he usado los archivos que me has proporcionado