

INFOME LAB-8

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1. Realización del apartado 3.1:

Instance summary for i-07a8247ecc4747956 (Servidor web)

Instance ID: i-07a8247ecc4747956 (Servidor web)
Public IPv4 address: 44.201.81.117 | open address
Instance state: Running
Private IPv4 addresses: 10.0.1.40
Public IPv4 DNS: ec2-44-201-81-117.compute-1.amazonaws.com | open address
Private IP DNS name (IPv4 only): ip-10-0-1-40.ec2.internal
Instance type: t2.micro
VPC ID: vpc-0d549726d633e70de (Lab VPC)
Subnet ID: subnet-0171a984b7a81d881 (Public Subnet 1)
Elastic IP addresses: -
AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more
Auto Scaling Group name: -

Instance details

Platform: Amazon Linux (Inferred)
Platform details: Linux/UNIX
Stop protection: Disabled
Instance auto-recovery: Default
AMI ID: ami-0b56ea76982371e91
AMI name: amzn2-ami-kernel-5.10-hvm-2.0.20221210.1-x86_64-gp2
Launch time: Wed Jan 11 2023 19:50:29 GMT+0100 (Central European Standard Time) (2 minutes)
Lifecycle: normal
Key pair name: aws_kp
Monitoring: disabled
Termination protection: Enabled
AMI location: amazon/amzn2-ami-kernel-5.10-hvm-2.0.20221210.1-x86_64-gp2
Stop-hibernate behavior: disabled
State transition reason: -

Get system log [Info](#)

When you experience issues with your EC2 instance, reviewing system logs can help you pinpoint the cause.

System log

Review system log for instance i-07a8247ecc4747956 as of Wed Jan 11 2023 19:57:27 GMT+0100 (Central European Standard Time)

```
[ 22.826530] cloud-init[3240]: Dependencies Resolved
[ 22.832286] cloud-init[3240]: =====
[ 22.842782] cloud-init[3240]: Package           Arch      Version           Repository        Size
[ 22.852106] cloud-init[3240]: =====
[ 22.858716] cloud-init[3240]: Installing:
[ 22.863370] cloud-init[3240]: httpd                x86_64     2.4.54-1.amzn2     amzn2-core       1.4 M
[ 22.870362] cloud-init[3240]: Installing for dependencies:
[ 22.874110] cloud-init[3240]: apr                x86_64     1.7.0-9.amzn2     amzn2-core       122 k
[ 22.880928] cloud-init[3240]: apr-util          x86_64     1.6.1-5.amzn2.0.2 amzn2-core       99 k
[ 22.887538] cloud-init[3240]: apr-util-bdb      x86_64     1.6.1-5.amzn2.0.2 amzn2-core       19 k
[ 22.894385] cloud-init[3240]: generic-logos-httpd noarch    18.0.0-4.amzn2     amzn2-core       19 k
[ 22.901612] cloud-init[3240]: httpd-filesystem  noarch    2.4.54-1.amzn2     amzn2-core       24 k
[ 22.908106] cloud-init[3240]: httpd-tools      x86_64     2.4.54-1.amzn2     amzn2-core       88 k
[ 25.110571] cloud-init[3240]: Complete!
[ 25.118055] cloud-init[3240]: Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service
[ 25.646068] xfs filesystem being remounted at /tmp supports timestamps until 2038 (0x7fffffff)
[ 25.673729] xfs filesystem being remounted at /var/tmp supports timestamps until 2038 (0x7fffffff)
ci-info: +++Authorized keys from /home/ec2-user/.ssh/authorized_keys for user ec2-user+++
```

Get instance screenshot [Info](#)

Instance screenshot

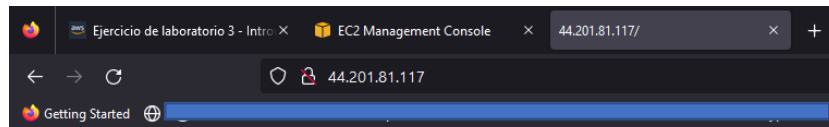
i-07a8247ecc4747956 (Servidor web) on 2023-01-11 at T20:01:07.356 +01:00

[Download](#)

```
Amazon Linux 2
Kernel 5.10.157-139.675.amzn2.x86_64 on an x86_64

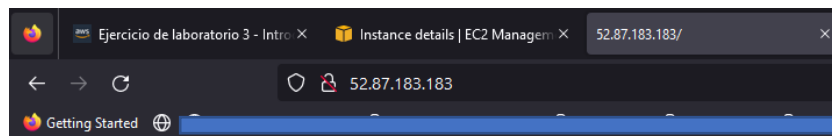
ip-10-0-1-40 login: [ 25.646068] xfs filesystem being remounted at /tmp supports timestamps until 2038 (0x7fffffff)
[ 25.673729] xfs filesystem being remounted at /var/tmp supports timestamps until 2038 (0x7fffffff)
```

2. Realización del apartado 3.2:



Hello From Alumno36 Web Server!

Volume ID	Device name	Volume size (GiB)	Instance type
vol-0b7c9363197e44a60	/dev/xvda	10	t2.small



Hello From Alumno36 Web Server!

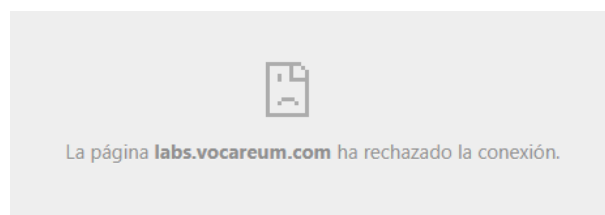
⊗ Failed to terminate an instance: The instance 'i-07a8247ecc4747956' may not be terminated. Modify its 'disableApiTermination' instance attribute and try again.

✓ Successfully terminated i-07a8247ecc4747956

✓ Successfully removed termination protection for instance i-07a8247ecc4747956. The instance can be terminated.

3. Aspectos de la práctica:

En los aspectos negativos de la práctica destacamos que, dependiendo del navegador y su versión, – o al menos en mi caso – no se puede realizar en Chrome, debido al siguiente error:



✗ Refused to frame 'https://labs.vocareum.com/' because an ancestor violates the following Content Security Policy directive: "frame-ancestors 'self' vocareum.instructure.com courses.quantumcamp.com sans.org sans-qa.contentcontroller.com".

Por ello he realizado el laboratorio en el navegador de Firefox.

También destacamos que el guion del laboratorio es el similar al propuesto en la web de Amazon, pero con solo algunos comandos traducidos al español, mientras los otros permanecen en inglés. Esto complica la realización del laboratorio pues la forma de designar dos comandos en dos idiomas distintos puede diferir. Además, es más engorroso seguir este guion que el original en el que está inspirado.

Otro aspecto negativo es que la entrega en si de un informe de un solo folio es casi imposible si se le quiere dar un formato al documento y se quiere que las imágenes sean legibles o al menos ampliables para poder ser visualizadas en este PDF.

En los aspectos positivos de la práctica destaco que me ha servido esta práctica para conocer de cerca la herramienta AWS, ya que es una potente herramienta que se usa hoy en día en el campo de la informática.