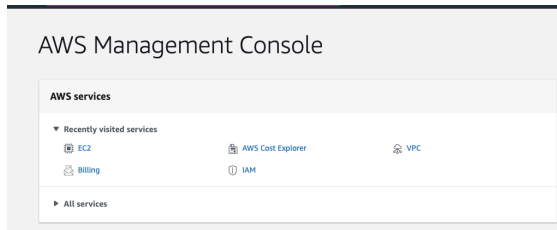
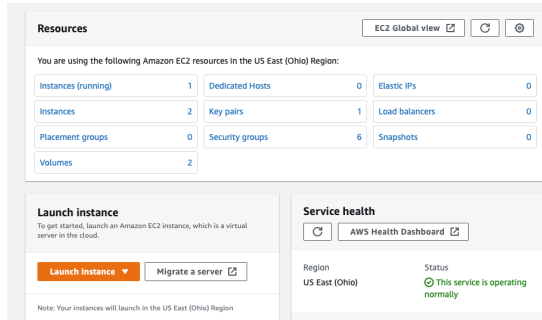


Creando una instancia en AWS:

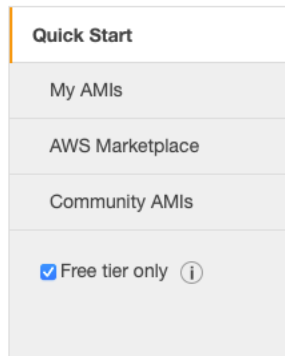
1. Ir a la sección de EC2



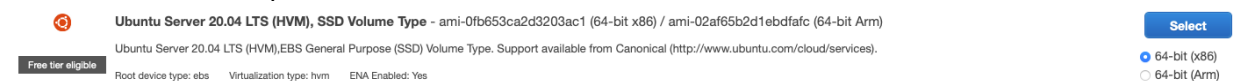
2. En el dashboard seleccionar launch instance.



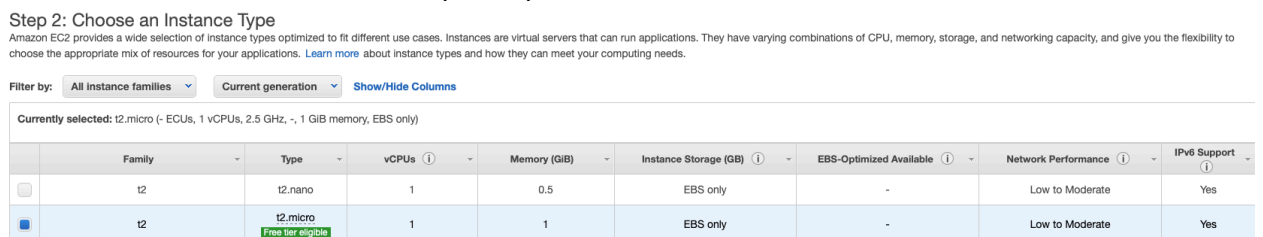
3. Filtrar por free tier (para que no nos cobren) ☹️



4. Seleccionar una maquina, en nuestro caso usaremos un Ubuntu Server 20.04



5. Seleccionar la instancia t2.micro que es parte del free tier



6. En la sección de configuración solo le damos siguiente, algunas de estas las haremos por aparte como asignar una ip elástica y el dominio

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances ⓘ 1 [Launch into Auto Scaling Group](#) ⓘ

7. Configuramos un storage de tamaño 30GB (lo máximo que nos da el tier free)

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/sda1	snap-092498e2cc2e3eb82	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted
Add New Volume								

8. Podemos omitir los tags dado que son solo para identificar nuestros recursos, si alguien quiere puede crear algunos relacionados al tipo de servidor.

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.

A copy of a tag can be applied to volumes, instances or both.

Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (128 characters maximum)	Value (256 characters maximum)	Instances ⓘ	Volumes ⓘ	Network Interfaces ⓘ
------------------------------	--------------------------------	-------------	-----------	----------------------

This resource currently has no tags

Choose the [Add tag](#) button or [click to add a Name tag](#).
Make sure your [IAM policy](#) includes permissions to create tags.

9. En la sección Security Group se habilitan los puertos a utilizar por nuestro servidor
Por el momento abriremos solo el 80 y 8080 con el tiempo abriremos otros.

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group

☐ Select an existing security group

Security group name: launch-wizard-6

Description: launch-wizard-6 created 2022-01-12T17:35:32.602-06:00

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ	
SSH ⓘ	TCP	22	Custom ⓘ 0.0.0.0/0	e.g. SSH for Admin Desktop	✕
Custom TCP Ru ⓘ	TCP	80	Anywhere ⓘ 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	✕
Custom TCP Ru ⓘ	TCP	8080	Anywhere ⓘ 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	✕

[Add Rule](#)

10. Finalmente haremos un review de nuestras configuraciones y seguido de eso iniciaremos la instancia.

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, launch-wizard-6, is open to the world.
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details

[Edit AMI](#)

Ubuntu Server 20.04 LTS (HVM), SSD Volume Type - ami-0fb653ca2d3203ac1
Free tier eligible Ubuntu Server 20.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Root Device Type: ebs Virtualization type: hvm

Instance Type

[Edit instance type](#)

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups

[Edit security groups](#)

Security group name launch-wizard-6
Description launch-wizard-6 created 2022-01-12T17:35:32.602-06:00

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ
SSH	TCP	22	0.0.0.0/0	
HTTP	TCP	80	0.0.0.0/0	
HTTP	TCP	80	:::0	
Custom TCP Rule	TCP	8080	0.0.0.0/0	
Custom TCP Rule	TCP	8080	:::0	

Instance Details

[Edit instance details](#)

[Cancel](#) [Previous](#) [Launch](#)

11. Para conectarnos nos pedirá crear una “private key file”, asignamos un nombre y la guardamos, esta nos ayudara a conectarnos por medio de consola o bien putty al servidor.