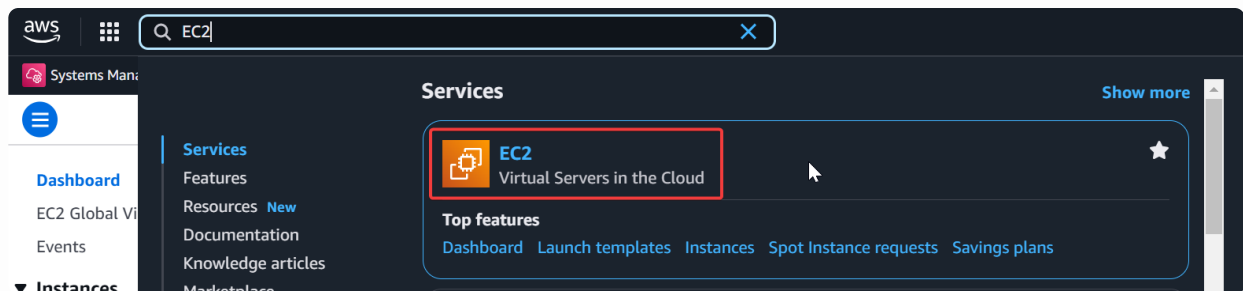


Procédure de déploiement

Temps global pour la procédure : 10min

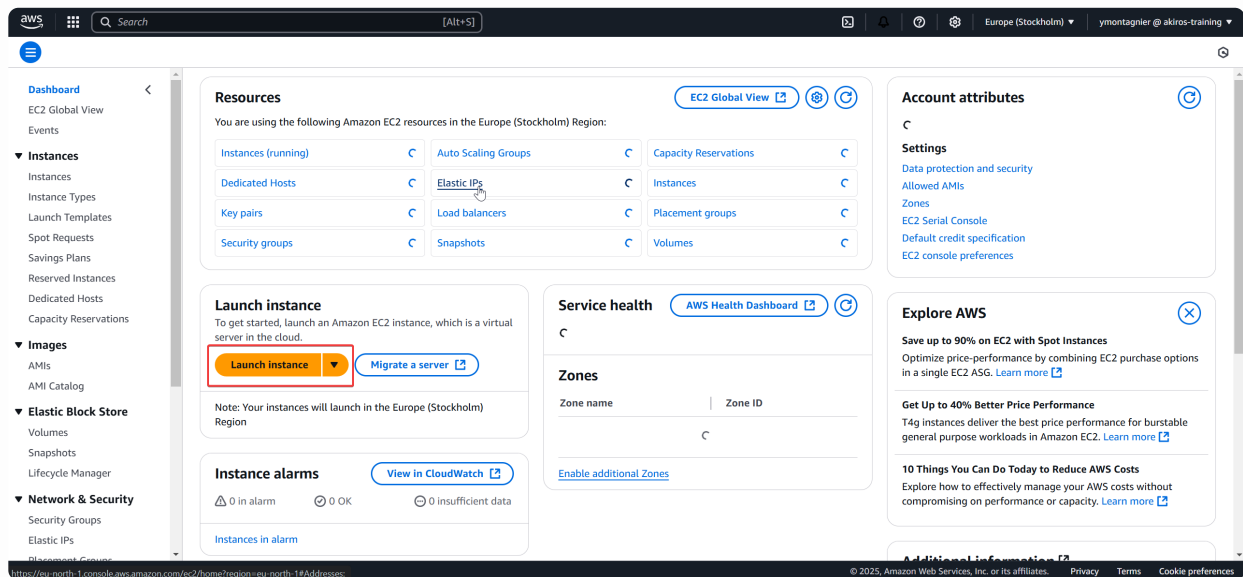
1. Se rendre sur le service EC2 (1min)

Chercher et se rendre dans le service "EC2"



2. Création de l'instance EC2 (5min)

Cliquer sur "Launch Instance" pour accéder à la page de création d'une instance EC2 :



Sélection des tags

Remplir les tags "Name" et "Owner", en inscrivant la première lettre du prénom suivi du nom dans le champ valeur, en minuscule.

Exemple : Yrlan MONTAGNIER = ymontagnier

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

▼ Name and tags Info

Key Info

Value Info

Resource types Info

☐ Hide all selected

Remove

Key Info

Value Info

Resource types Info

☐ Hide all selected

Remove

Add new tag

You can add up to 48 more tags.

Application and OS Images

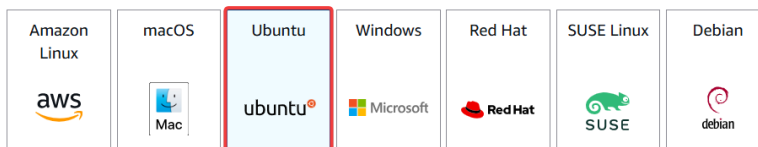
On choisit un type d'OS et une architecture pour notre instance. On sélectionne Ubuntu Server 24.04

Dans notre cas, nous utilisons l'**architecture Arm** qui permettra de sélectionner l'instance type `t4g.small`, qui est le type d'instance le moins cher lors de la prochaine étape.

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Recents Quick Start



[Browse more AMIs](#)
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type Free tier eligible
ami-09a9858973b288bdd (64-bit (x86)) / ami-001e33773aec8d45f (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Canonical, Ubuntu, 24.04, arm64 noble image

Architecture	AMI ID	Username	
64-bit (Arm)	ami-001e33773aec8d45f	ubuntu	Verified provider

Instance Type

Sélectionner `t4g.small`

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t4g.nano

Family: t4g 2 vCPU 0.5 GiB Memory Current generation: true
On-Demand SUSE base pricing: 0.0043 USD per Hour On-Demand Linux base pricing: 0.0043 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0078 USD per Hour

[Additional costs apply for AMIs with pre-installed software](#)

☒ All generations

[Compare instance types](#)

Key Pair (SSH)

Laisser les options par défaut.

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Proceed without a key pair (Not recommended)

Default value ▼

[Create new key pair](#)

Network Settings

Sélectionner `Select existing security group` -> Default

▼ Network settings [Info](#)

[Edit](#)

Network [Info](#)

vpc-0424f1e027d7cfe2b | infra-cloud-m1-ynov-20250203-1-default

Subnet [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

[Additional charges apply](#) when outside of free tier allowance

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group

☒ Select existing security group

Common security groups [Info](#)

Select security groups

Q |

☒ default

VPC: vpc-0424f1e027d7cfe2b

sg-08b99be53e863a65c

[Compare security group rules](#)

Configure storage

Laisser les options par défaut.

▼ **Configure storage** [Info](#)

Advanced

1x GiB Root volume 3000 IOPS (Not encrypted)

ⓘ Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

×

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

⌚ Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

↻

0 x File systems

Edit

Déployer l'instance

Cliquer sur le bouton "Launch Instance".

▼ Summary

Number of instances | [Info](#)

1

Software Image (AMI)

Canonical, Ubuntu, 24.04, arm64...[read more](#)
ami-001e33773aec8d45f

Virtual server type (instance type)

t4g.small

Firewall (security group)

default

Storage (volumes)

1 volume(s) - 8 GiB

i **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. **×**



[Cancel](#)

Launch instance

 [Preview code](#)

3. Connexion à l'instance EC2 (1min)

Sélectionner l'instance dans la liste des instances.

<input checked="" type="checkbox"/>	ymontagnier	i-06c7ba45d3943d153	 Terminated	 t4g.small	-	View alarms +	eu-north-1c	-	-	-
-------------------------------------	-------------	----------------------------------	--	---	---	-------------------------------	-------------	---	---	---

Cliquer sur "Connect" sur la page qui s'ouvre

4. Déploiement du serveur web Apache2 (3min)

```
sudo apt install apache2
```

5. Confirmer le fonctionnement

Récupérer l'adresse IP publique de l'instance EC2, c'est celle-ci qui permettra d'accéder au serveur web apache.

