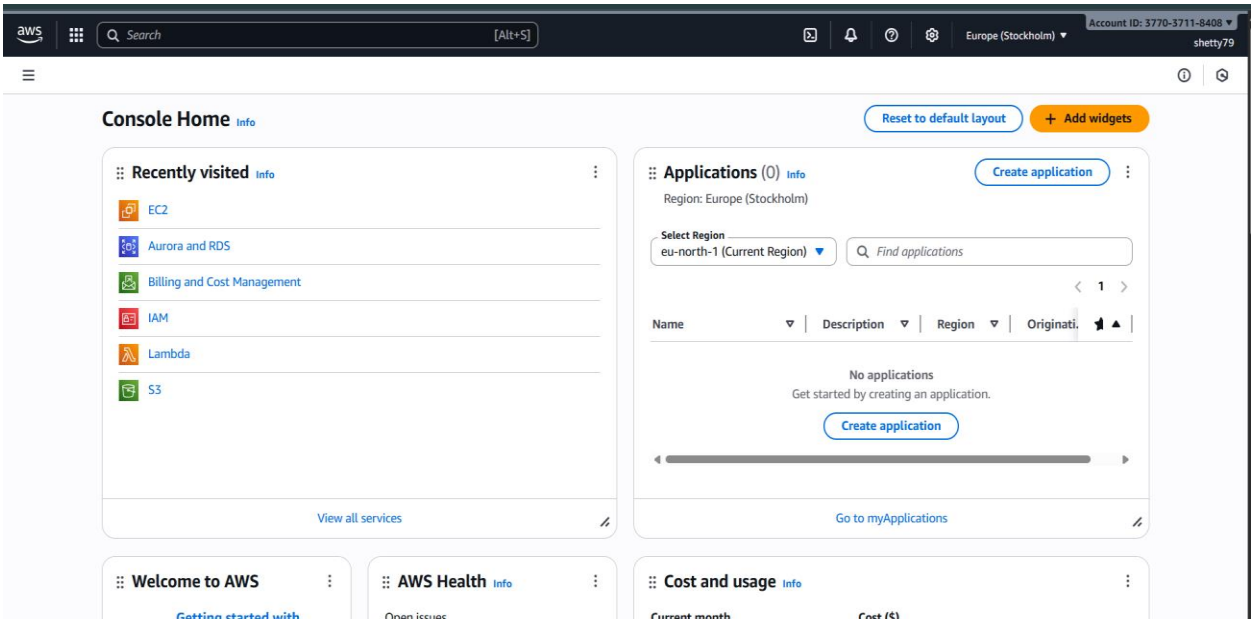
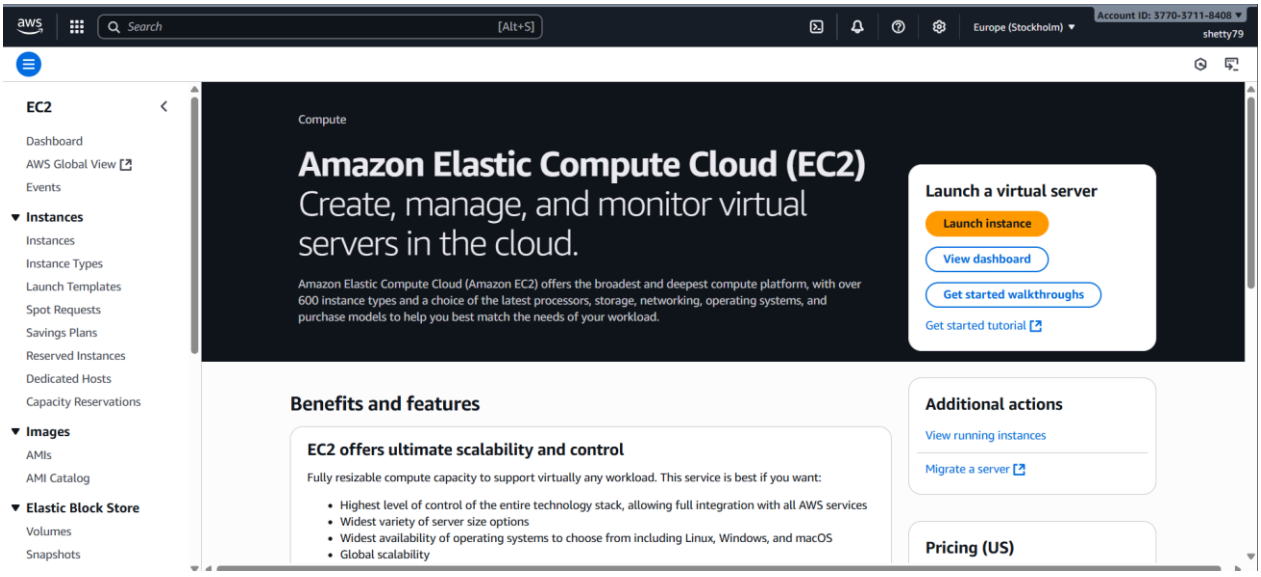
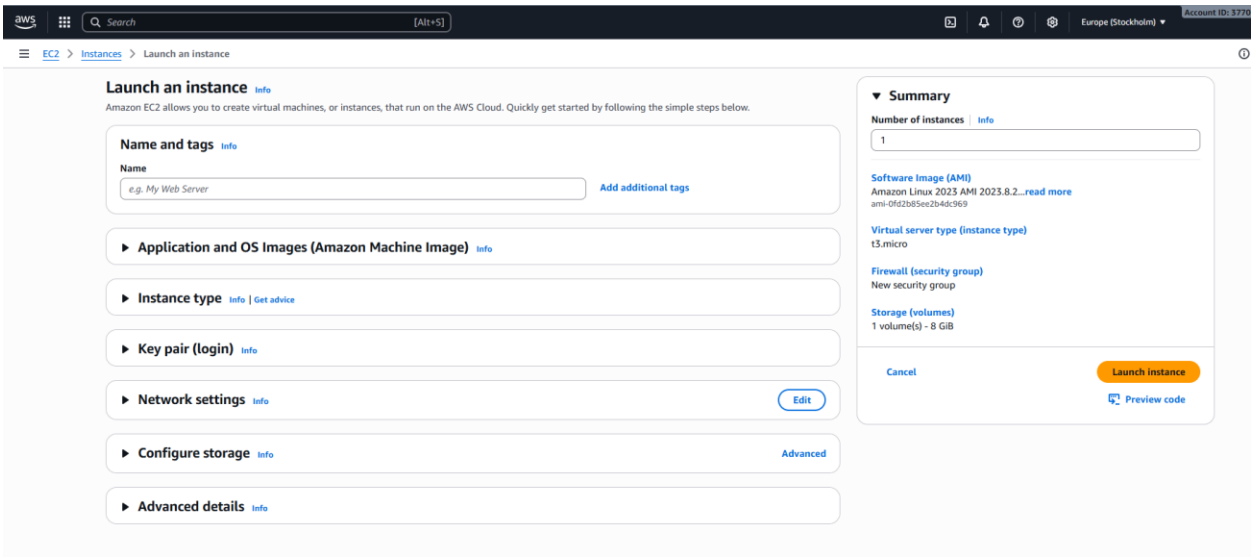
EC2 Steps to create Instances







EC2 > Instances > Launch an instance

Launch an instance Info

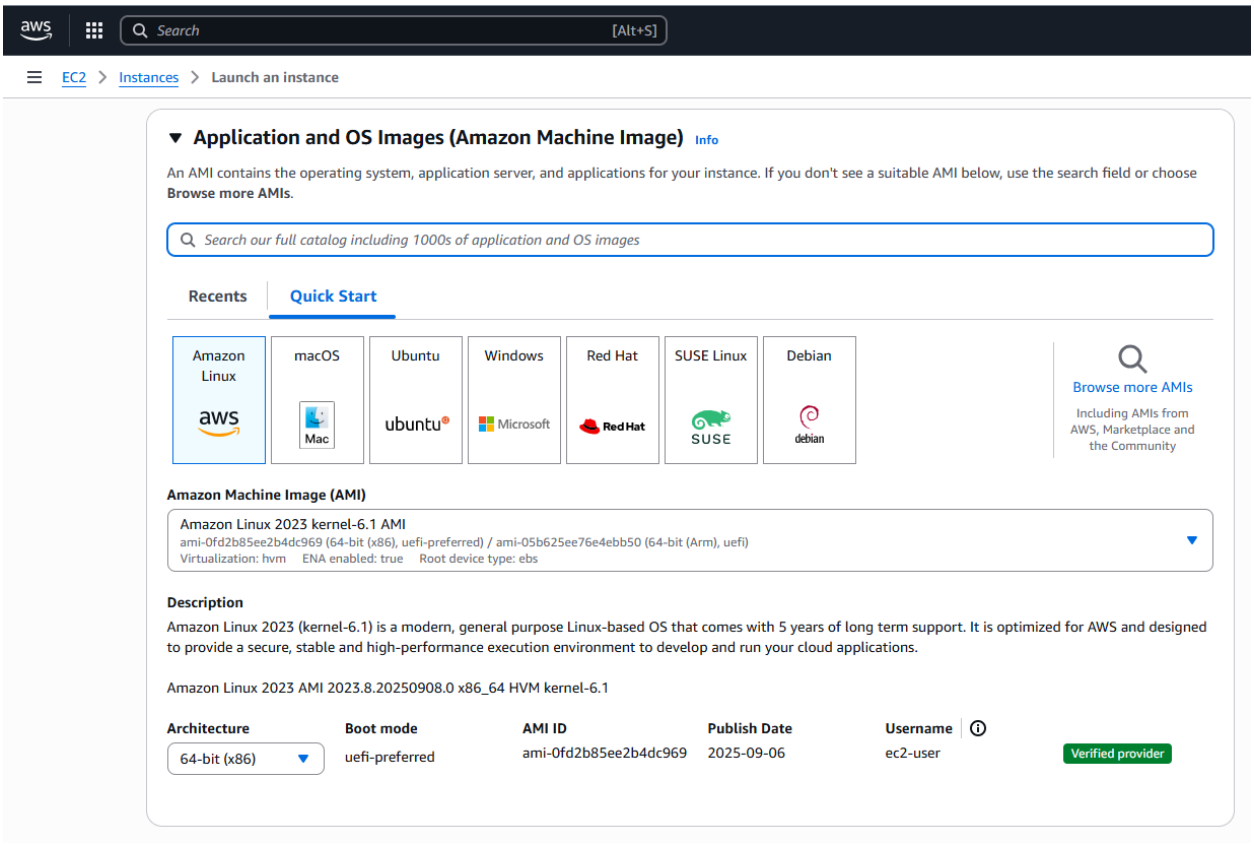
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

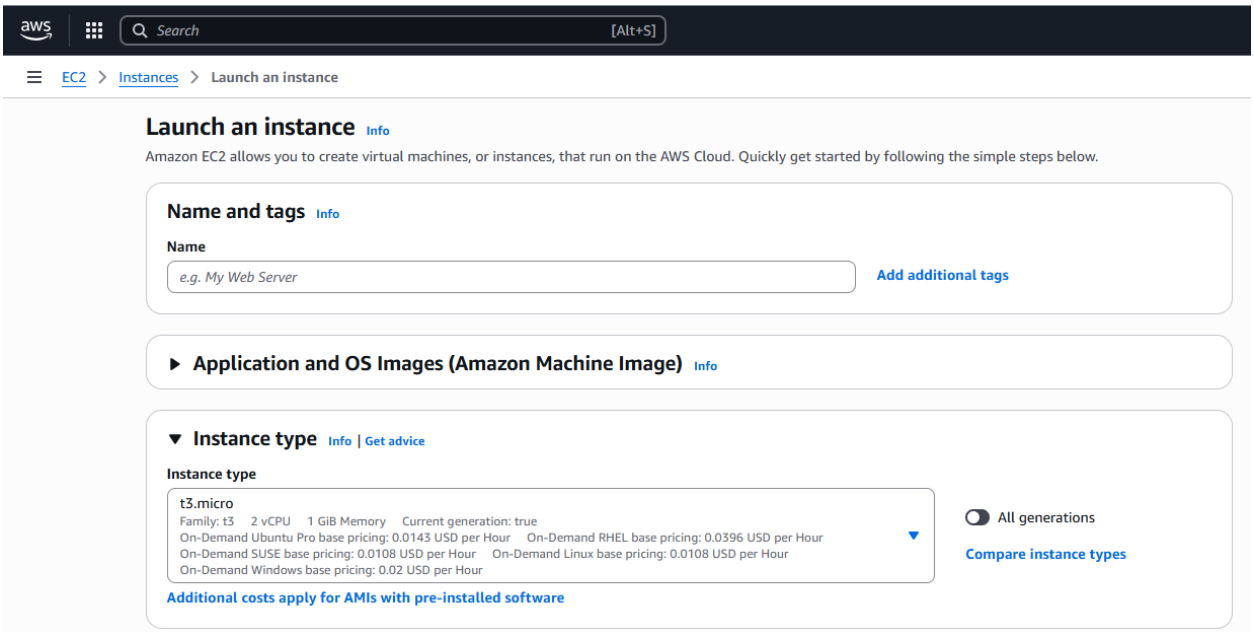
Name and tags Info

Name

e.g. My Web Server

Add additional tags


aws
Search
[Alt+S]
EC2 > Instances > Launch an instance
Application and OS Images (Amazon Machine Image) Info
An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose Browse more AMIs.
Search our full catalog including 1000s of application and OS images
Recents
Quick Start
Amazon Linux
macOS
Mac
Ubuntu
Windows
Microsoft
Red Hat
SUSE Linux
SUSE
Debian
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2023 kernel-6.1 AMI
ami-0fd2b85ee2b4dc969 (64-bit (x86), uefi-preferred) / ami-05b625ee76e4ebb50 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Amazon Linux 2023 (kernel-6.1) is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.
Amazon Linux 2023 AMI 2023.8.20250908.0 x86_64 HVM kernel-6.1
Architecture
64-bit (x86)
Boot mode
uefi-preferred
AMI ID
ami-0fd2b85ee2b4dc969
Publish Date
2025-09-06
Username
ec2-user
Verified provider


aws
Search
[Alt+S]
EC2 > Instances > Launch an instance
Launch an instance Info
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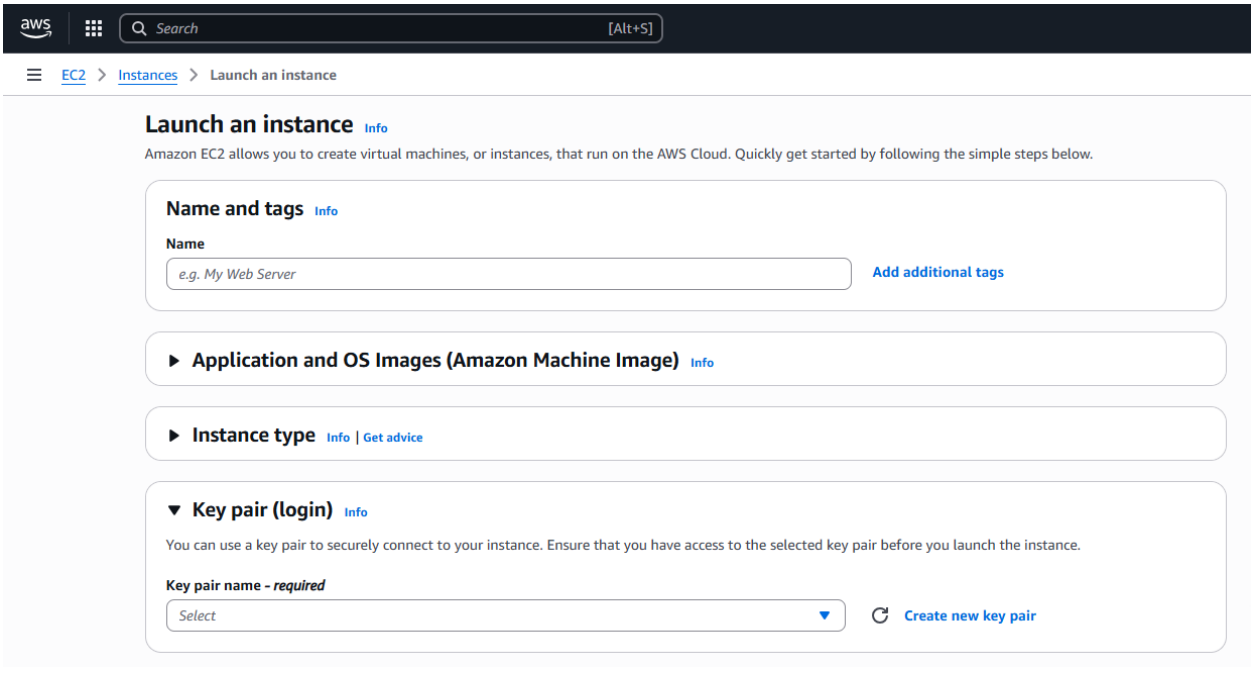
Name and tags Info
Name
e.g. My Web Server
Add additional tags
Application and OS Images (Amazon Machine Image) Info
Instance type Info | Get advice
Instance type
t3.micro
Family: t3 2 vCPU 1 GiB Memory Current generation: true
On-Demand Ubuntu Pro base pricing: 0.0143 USD per Hour On-Demand RHEL base pricing: 0.0396 USD per Hour
On-Demand SUSE base pricing: 0.0108 USD per Hour On-Demand Linux base pricing: 0.0108 USD per Hour
On-Demand Windows base pricing: 0.02 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software


aws
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EC2 > Instances > Launch an instance
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Name and tags Info
Name
e.g. My Web Server
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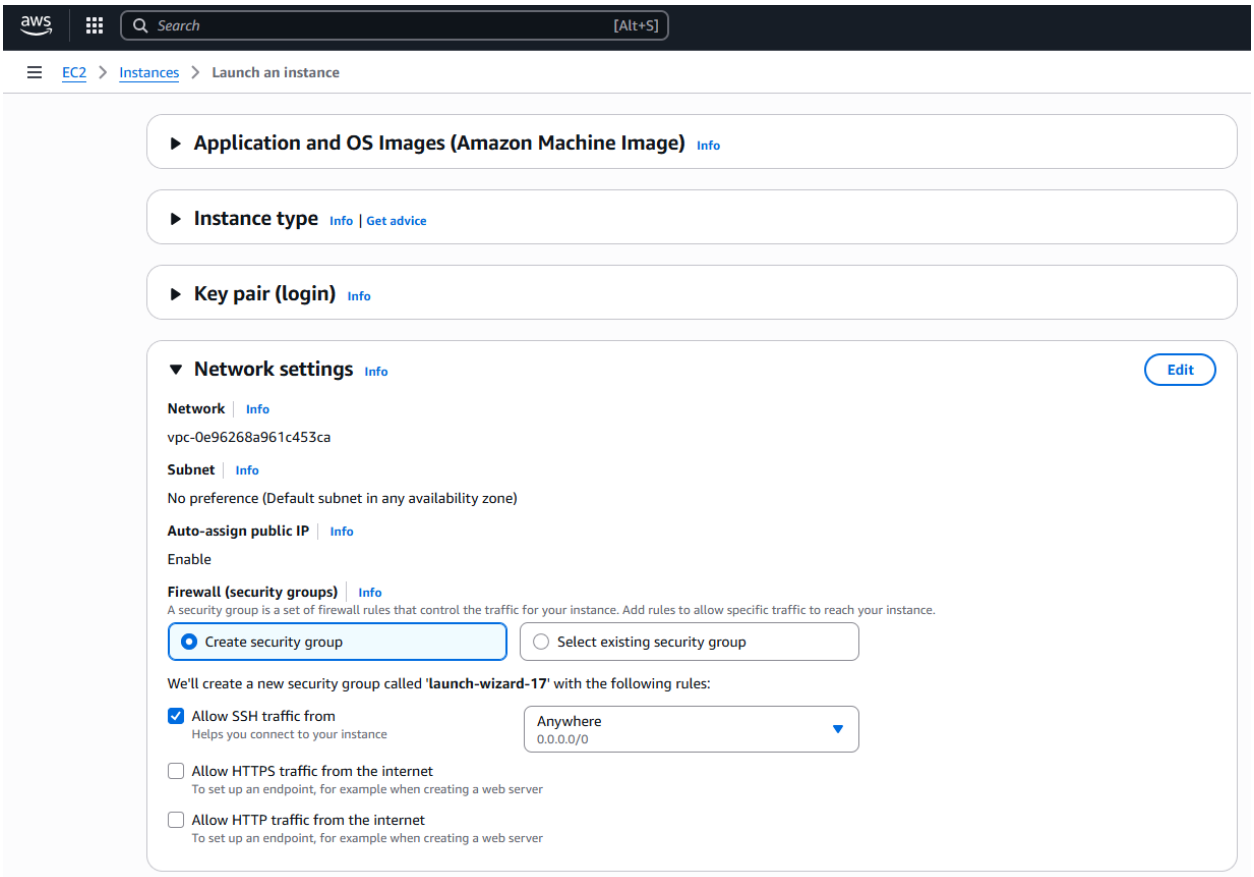
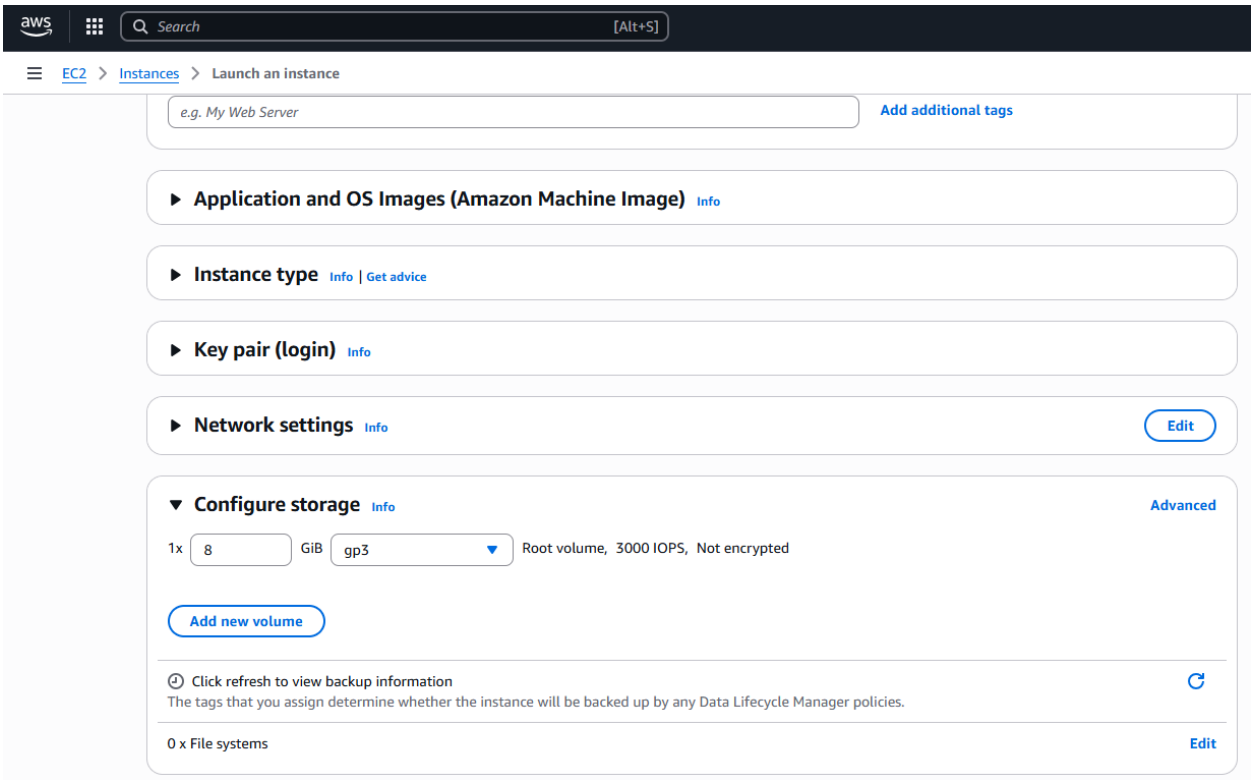
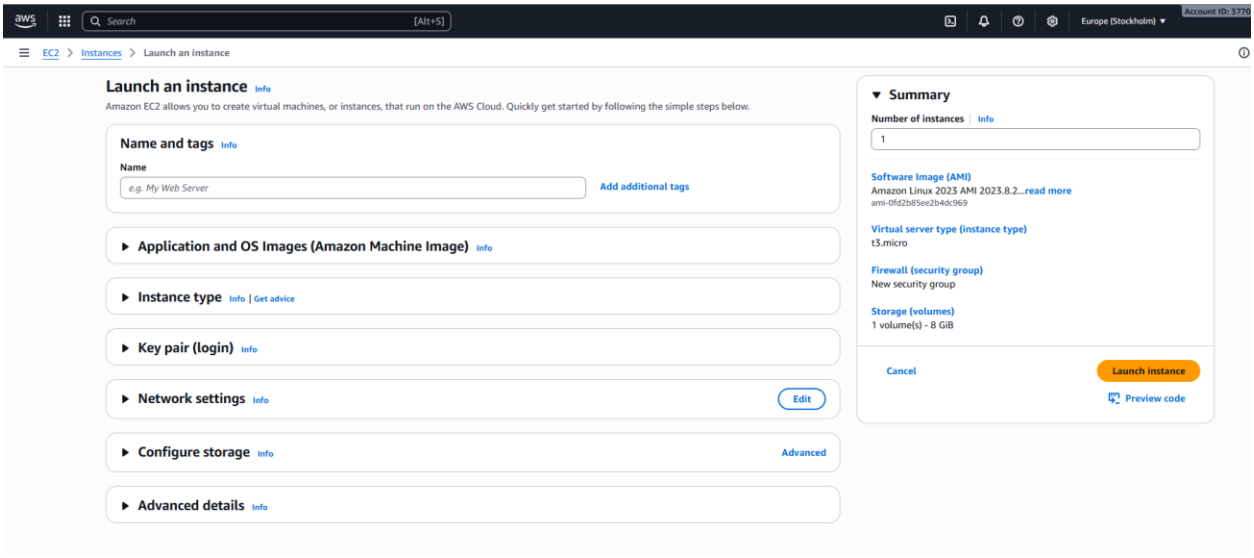
Application and OS Images (Amazon Machine Image) Info
Instance type Info | Get advice
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Select
Create new key pair


aws
Search
[Alt+S]
EC2 > Instances > Launch an instance
Application and OS Images (Amazon Machine Image) Info
Instance type Info | Get advice
Key pair (login) Info
Network settings Info
Edit
Network | Info
vpc-0e96268a961c453ca
Subnet | Info
No preference (Default subnet in any availability zone)
Auto-assign public IP | Info
Enable
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
We'll create a new security group called 'launch-wizard-17' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server


Search
[Alt+S]
EC2 > Instances > Launch an instance
e.g. My Web Server
Add additional tags
Application and OS Images (Amazon Machine Image) Info
Instance type Info | Get advice
Key pair (login) Info
Network settings Info
Edit
Configure storage Info
Advanced
1x 8 GiB gp3 Root volume, 3000 IOPS, Not encrypted
Add new volume
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


Search
[Alt+S]
Europe (Stockholm)
EC2 > Instances > Launch an instance
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Name
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Add additional tags
Application and OS Images (Amazon Machine Image) Info
Instance type Info | Get advice
Key pair (login) Info
Network settings Info
Edit
Configure storage Info
Advanced
Advanced details Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-0fd2b85ee2b4dc969
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Preview code