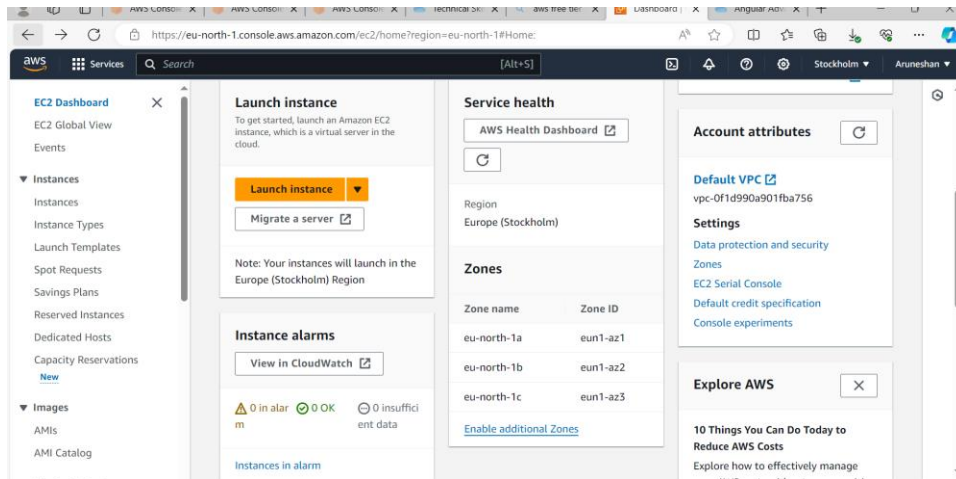
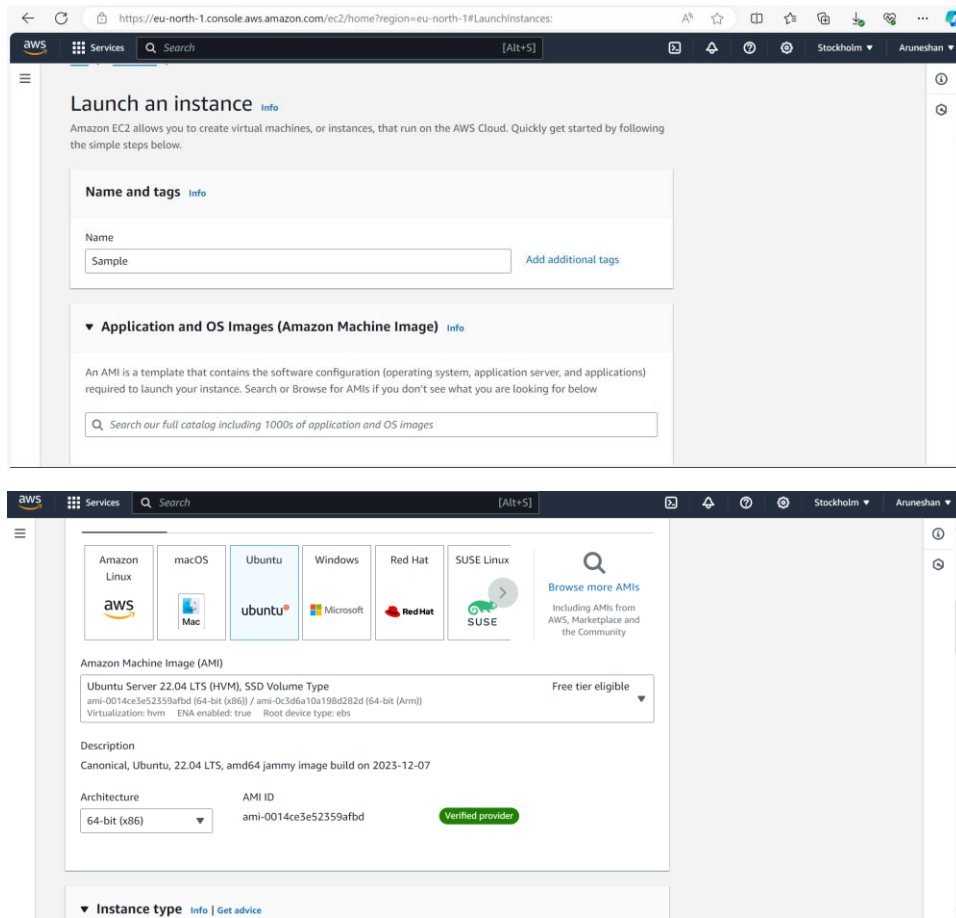


# AWS EC 2 Instance

## Step 1:



## Step 2:



### Step 3:

The screenshot shows the 'Create key pair' dialog in the AWS Management Console. The 'Key pair name' field contains 'dotnet'. The 'Key pair type' is set to 'RSA' (RSA encrypted private and public key pair). The 'Private key file format' is set to '.pem' (For use with OpenSSH). The 'Create key pair' button is highlighted in orange.

**Create key pair**

Key pair name  
Key pairs allow you to connect to your instance securely.  
dotnet  
The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type  
☒ RSA  
RSA encrypted private and public key pair  
☐ ED25519  
ED25519 encrypted private and public key pair

Private key file format  
☒ .pem  
For use with OpenSSH  
☐ .ppk  
For use with PuTTY

Cancel Create key pair

### Step 4:

The screenshot shows the 'Launch instance' summary page in the AWS Management Console. The 'Number of instances' is set to 1. The 'Software Image (AMI)' is Canonical, Ubuntu, 22.04 LTS. The 'Virtual server type (instance type)' is t3.micro. The 'Firewall (security group)' is New security group. The 'Storage (volumes)' is 1 volume(s) - 8 GiB. The 'Launch instance' button is highlighted in orange.

**Summary**

Number of instances  
1

Software Image (AMI)  
Canonical, Ubuntu, 22.04 LTS, ...read more  
ami-0014ce3e52359afbd

Virtual server type (instance type)  
t3.micro

Firewall (security group)  
New security group

Storage (volumes)  
1 volume(s) - 8 GiB

Cancel Launch instance  
Review commands

### Step 5:

The screenshot shows the 'Launch instance' success page in the AWS Management Console. A green banner indicates 'Success' and 'Successfully initiated launch of instance (i-01ea6f69167c33135)'. Below the banner, there is a 'Launch log' section and a 'Next Steps' section with a search bar and a list of recommended actions.

**Success**  
Successfully initiated launch of instance (i-01ea6f69167c33135)

Launch log

**Next Steps**  
What would you like to do next with this instance, for example "create alarm" or "create backup"

Create billing and free tier usage alerts  
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Connect to your instance  
Once your instance is running, log into it from your local computer.  
Connect to instance

Connect an RDS database  
Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Create EBS snapshot policy  
Create a policy that automates the creation, retention, and deletion of EBS snapshots

## Step 6:

The screenshot shows the AWS Management Console for the eu-north-1 region. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and AMI Catalog. The main content area displays the 'Instances (1/1)' page. A search bar at the top allows finding instances by attribute or tag. Below the search bar, a table lists the instance details:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Sample	i-01ea6f69167c33135	Running	t3.micro	Initializing	View alarms

Below the table, the 'Instance: i-01ea6f69167c33135 (Sample)' details are shown. The 'Instance summary' section includes:

- Instance ID: i-01ea6f69167c33135 (Sample)
- Public IPv4 address: 16.170.244.144 (open address)
- Private IPv4 addresses: 172.31.44.229
- Instance state: Running
- Public IPv4 DNS: ec2-16-170-244-144.eu-north-1.compute.amazonaws.com (open address)

## Step 7:

The screenshot shows the AWS Management Console for the eu-north-1 region. The left sidebar is the same as in Step 6. The main content area displays the 'Instances (1)' page. A green banner at the top indicates 'Successfully terminated i-01ea6f69167c33135'. Below the banner, a table lists the instance details:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Sample	i-01ea6f69167c33135	Terminated	t3.micro	-	View alarms

Below the table, the 'Select an instance' section is visible.