

Launch an instance

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

Name

Test-server1

Add additional tags

Application and OS Images (Amazon Machine Image)

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

Summary

Number of instances

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more
ami-01bb8d71751982649

Virtual server type (instance type)

t3.micro

Firewall (security group)

New security group

Storage (volumes)

Cancel

Launch instance

Review commands

Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

Search

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type

ami-01bb8d71751982649 (64-bit (x86)) / ami-0d85ddf96a14d93d6 (64-bit (Arm))

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20230808.0 x86_64 HVM gp2

Architecture

AMI ID

64-bit (x86)

ami-01bb8d71751982649

Verified provider

Summary

Number of instances

Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-01bb8d71751982649

Virtual server type (instance type)

t3.micro

Firewall (security group)

New security group

Storage (volumes)

Cancel

Launch instance

Review commands

- New EC2 Experience

Tell us what you think
- EC2 Dashboard
- EC2 Global View
- Events
- Instances
- Images
- AMIs
- AMI Catalog
- Elastic Block Store
- Volumes
- Snapshots
- Lifecycle Manager
- Network & Security
- Security Groups

Successfully terminated i-0d44b0d572384d1e6

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Ava
	Test-server1	i-034b5145b1d9d3d79	Running	t3.micro	2/2 checks passed	No alarms	eu-i
	vpc-server	i-0d44b0d572384d1e6	Terminated	t3.micro	-	No alarms	eu-i

Select an instance

Associate Elastic IP address Info

Choose the instance or network interface to associate to this Elastic IP address (16.171.229.68)

Elastic IP address: 16.171.229.68

Resource type

Choose the type of resource with which to associate the Elastic IP address.

- ☒ Instance
- ☐ Network interface

⚠ If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. [Learn more](#)

If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance

- ▼ Elastic Block Store
 - Volumes
 - Snapshots
 - Lifecycle Manager
- ▼ Network & Security
 - Security Groups
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces
- ▼ Load Balancing
 - Load Balancers
 - Target Groups
- ▼ Auto Scaling
 - Auto Scaling Groups

Elastic IP address disassociated successfully.
Elastic IP address 16.171.229.68

Elastic IP addresses (1/1)

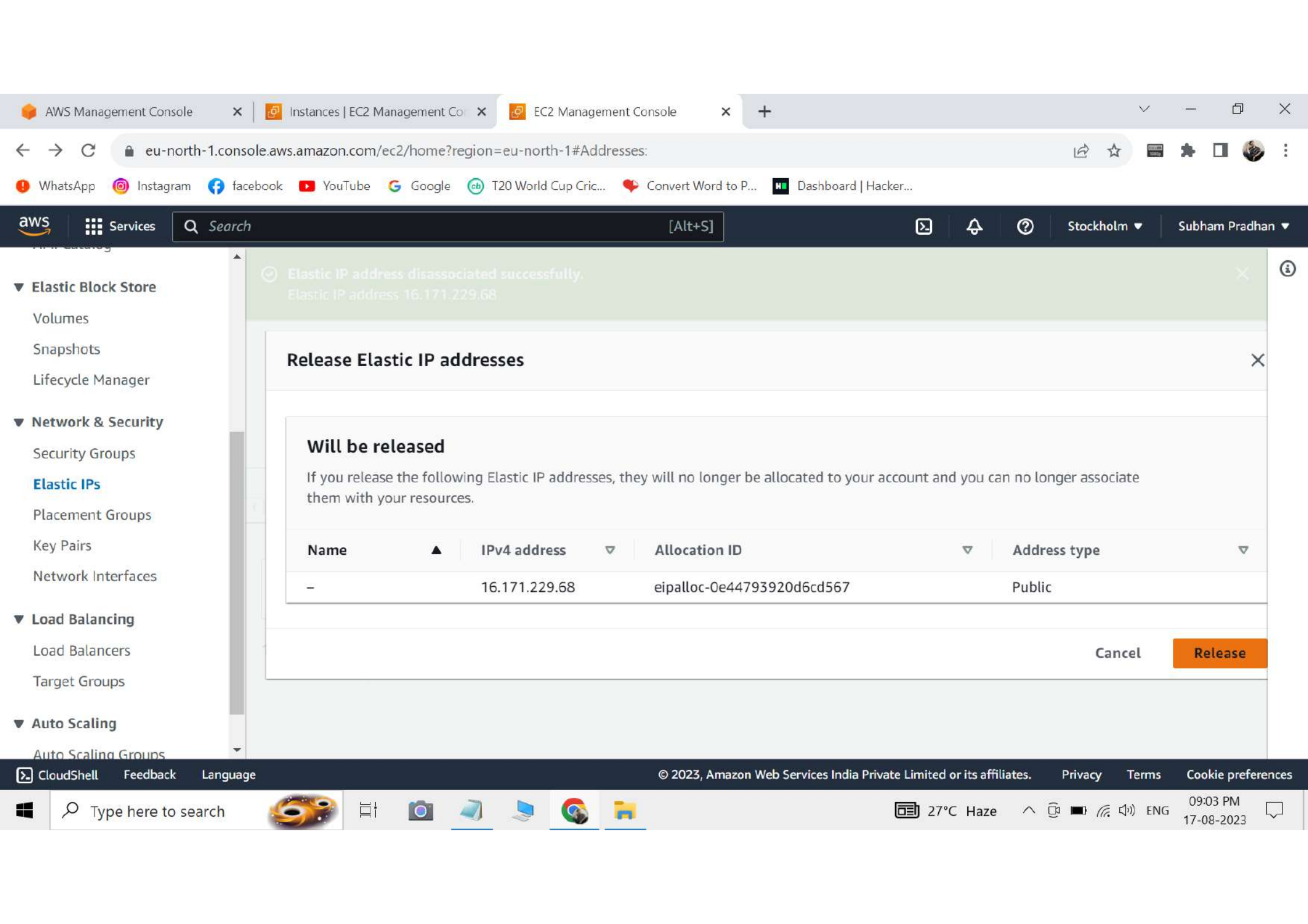
Actions **Allocate Elastic IP address**

< 1 >

<input checked="" type="checkbox"/>	Name	Allocated IPv4 addr...	Type	Allocation ID
<input checked="" type="checkbox"/>	-	16.171.229.68	Public IP	eipalloc-0e44793920d6cd567

View IP address usage and recommendations to release unused IPs with [Public IP insights](#).

16.171.229.68



Without Attaching Elastic-Ip:-(Dynamic IP)

public ip - 13.49.73.77

after stop/restart public ip - 16.16.66.109

before private ip - 172.31.27.188

after stop/restart private ip - 172.31.27.188

Elastic ip - (Static IP)

public ip - 16.171.229.68

after stop/restart public ip - 16.171.229.68

before private ip - 172.31.27.188

after stop/restart private ip - 172.31.27.188|

