

Створення EC2

EC2 > ... > Launch an instance

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\_Instance

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

Search our full catalog including 1000s of application and OS images

Recents

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE L

Browse more AMIs

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

ami-005fc0f236362e99f (64-bit (x86)) / ami-07ee04759daf109de (64-bit (Arm))

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

Free tier eligible

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Windows base pricing: 0.0162 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour

On-Demand SUSE base pricing: 0.0116 USD per Hour

On-Demand RHEL base pricing: 0.026 USD per Hour

On-Demand Linux base pricing: 0.0116 USD per Hour

Free tier eligible

All generations

Compare instance types

Additional costs apply for AMIs with pre-installed software

Key pair (login)

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

MyKeyPair

Create new key pair

Network settings

VPC - required

vpc-04b14b38e3131c2b9 (dmytro-vashchuk-vpc)

10.2.0.0/16

Create new VPC

Subnet

subnet-047be033a741d011c dmytro-vashchuk-public-subnet-b

VPC: vpc-04b14b38e3131c2b9 Owner: 746669199028

Availability Zone: us-east-1b Zone type: Availability Zone

IP addresses available: 8187 CIDR: 10.2.128.0/19

Create new subnet

Auto-assign public IP

Enable

Additional charges apply when outside of free tier allowance

# Запуск інстансу

Instances (1/1) info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

Instance state: running

Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
Test_Instance	i-0e6740b3f533ea044	Running	t2.micro	Initializing	View alarms +	us-east-1b	54.234.154.145	-	-	-

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance summary info

Instance ID: i-0e6740b3f533ea044

IPv6 address: -

Hostname type: IP name: ip-10-2-128-190.ec2.internal

Answer private resource DNS name: -

Auto-assigned IP address: 54.234.154.145 [Public IP]

IAM Role: -

IMDSv2: Required

Public IPv4 address: 54.234.154.145 [open address]

Instance state: Running

Private IP DNS name (IPv4 only): ip-10-2-128-190.ec2.internal

Instance type: t2.micro

VPC ID: vpc-04b14b38e311c2169 (dmytro-vashchuk-vpc)

Subnet ID: subnet-047be035a741d011c (dmytro-vashchuk-public-subnet-b)

Instance ARN: aws:ec2:us-east-1:746669199028:instance/i-0e6740b3f533ea044

Private IPv4 addresses: 10.2.128.190

Public IPv4 DNS: -

Elastic IP addresses: -

AWS Compute Optimizer finding: User: aws:iam::746669199028:user/dmytrochik06@gmail.com is not authorized to perform ec2:compute-optimizer:GetEnrollmentStatus on resource: \* because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

Auto Scaling Group name: -

# Підключення до інстансу

```
dmytro@ubuntu-server:~$ ssh -i /home/dmytro/MyKeyPair.pem ubuntu@54.234.154.145
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1015-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

System information as of Sun Oct 27 13:10:56 UTC 2024

System load:  0.08      Processes:           102
Usage of /:   21.1% of 7.57GB   Users logged in:     0
Memory usage: 21%        IPv4 address for eth0: 10.2.128.190
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-10-2-128-190:~$
```

# Видалення інстансу

Instances (1) info

Last updated less than a minute ago

Connect

Instance state

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Test_Instance	i-0e6740b3f533ea044	Terminated	t2.micro	-	View alarms +	us-east-1b	-

# Створення S3

[Amazon S3](#) > [Buckets](#) > [Create bucket](#)

## Create bucket

Info

Buckets are containers for data stored in S3.

### General configuration

AWS Region

US East (N. Virginia) us-east-1

Bucket type

Info

☒ **General purpose**  
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory**  
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name

Info

dmytro-vashchuk-s3-test

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

### Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ **ACLs disabled (recommended)**  
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ **ACLs enabled**  
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

# Завантаження файлу

## Upload

Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 Total, 9.4 KB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

< 1 >

<input type="checkbox"/>	Name	Folder
<input type="checkbox"/>	HW_3.txt	-

Destination

Info

Destination

[s3://dmytro-vashchuk-s3-test](#)

► Destination details

Bucket settings that impact new objects stored in the specified destination.

► Permissions

Grant public access and access to other AWS accounts.

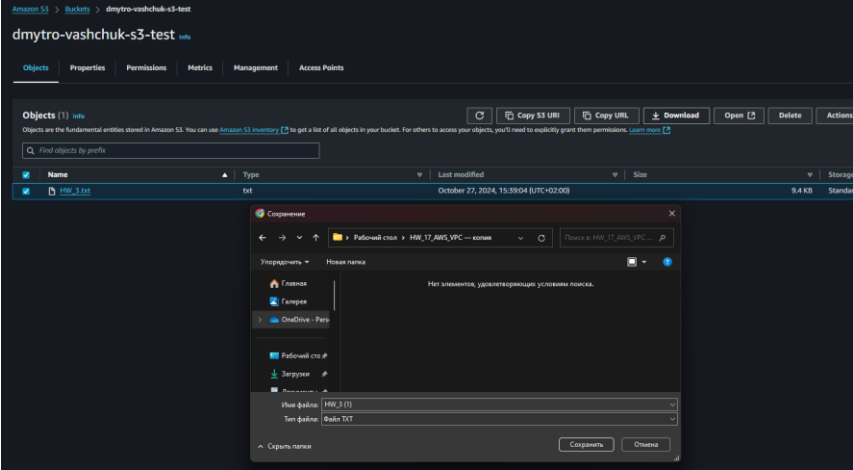
► Properties

Specify storage class, encryption settings, tags, and more.

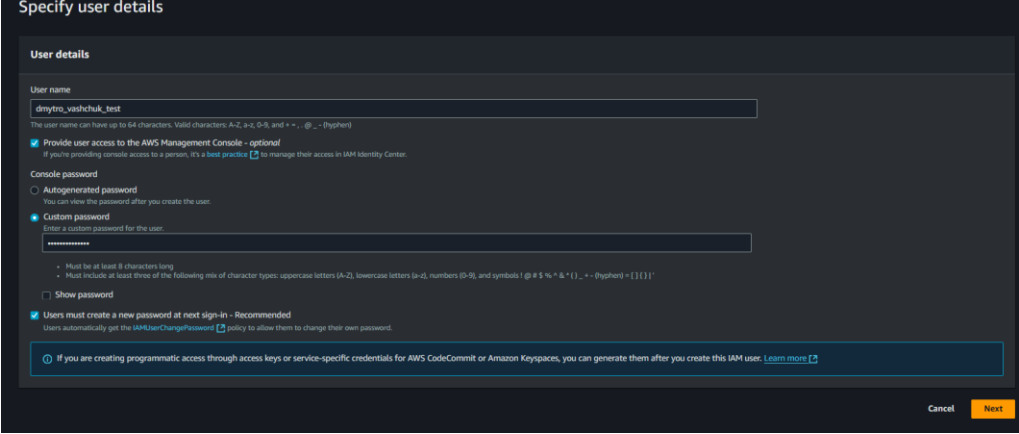
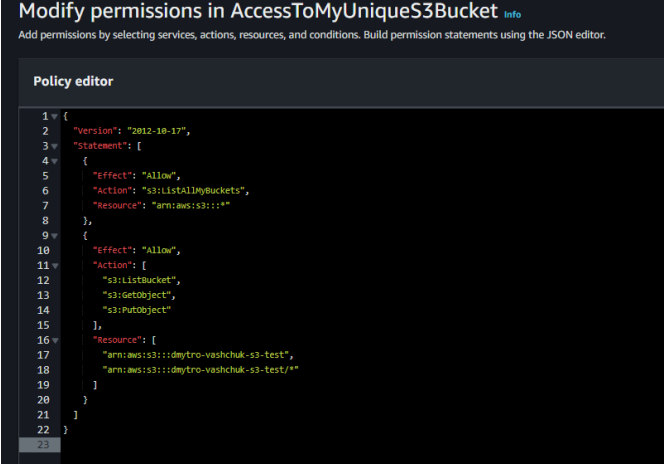
Cancel

Upload

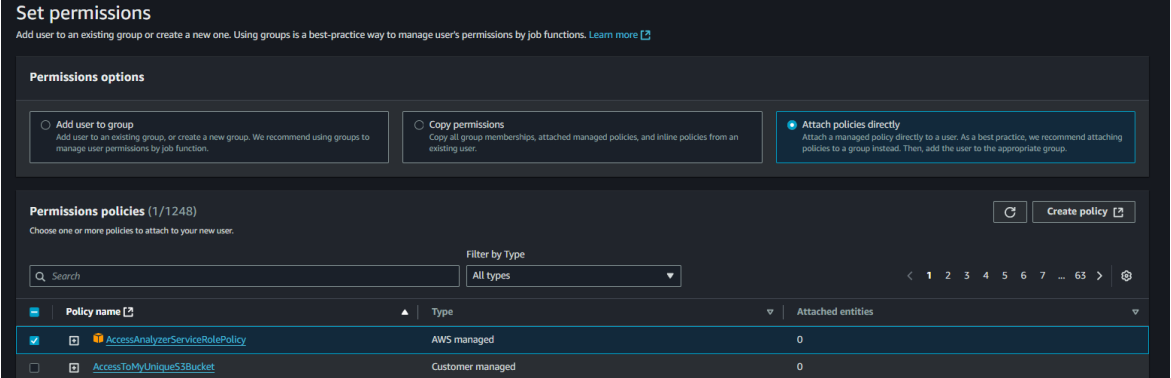
# Завантаження файлу на ПК



# Створення політики IAM



# Налаштування прав



## Заходимо під новоствореним користувачем та змінюємо йому пароль

**IAM user sign in** ⓘ

Account ID (12 digits) or account alias

746669199028

IAM username

dmytro\_vashchuk\_test

Password

.....|

☐ Show Password

[Having trouble?](#)

Sign in

Sign in using root user email

Create a new AWS account

**AWS account** 746669199028

**IAM user name** dmytro\_vashchuk\_test

**Old password**

**New password**

**Retype new password**

[Confirm password change](#)

Sign in using root user email

Тепер коли я під створеним тестовим користувачем заходжу на список бакетів, то можу перейти лише на свій бакет, до інших немає прав доступу

Storage

S3

Buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens Dashboards

Storage Lens groups

AWS Organizations settings

Feature spotlight

Account snapshot - updated every 24 hours All AWS Regions  
Storage lens provides visibility into storage usage and activity trends. Learn more

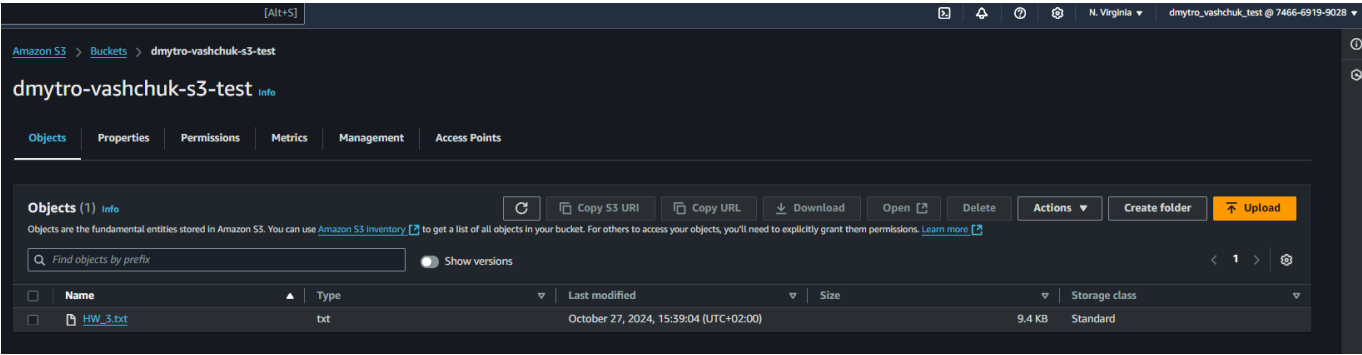
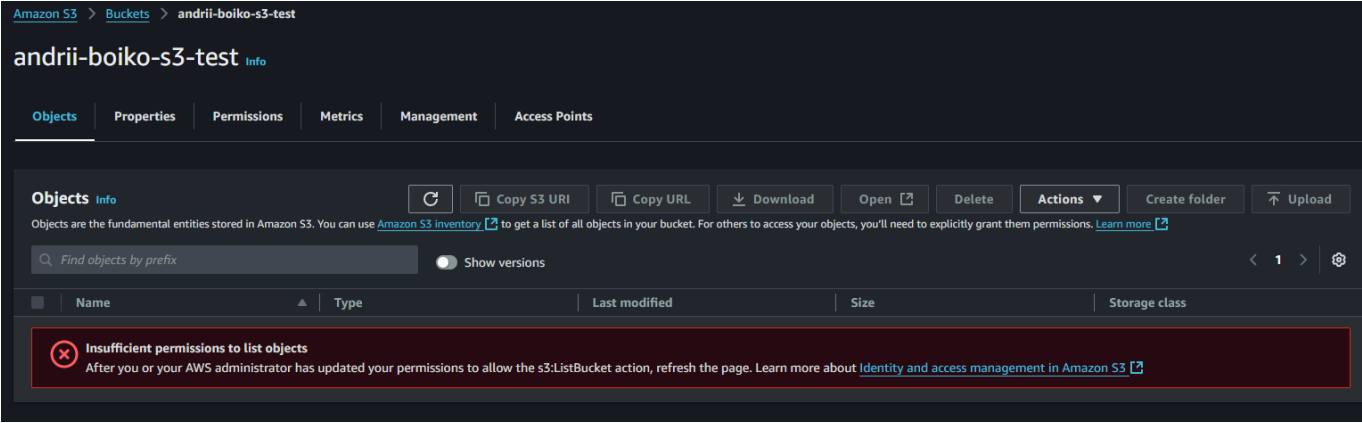
View Storage Lens dashboard

General purpose buckets Directory buckets

General purpose buckets 3 info All AWS Regions  
Buckets are containers for data stored in S3.

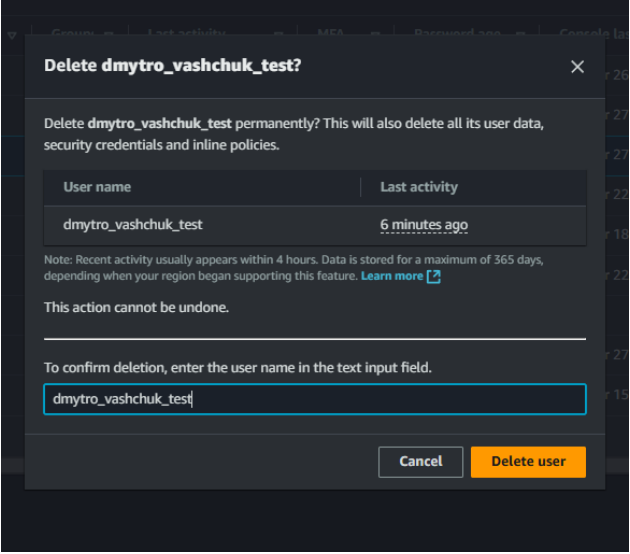
Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
<a href="#">andrii-boiko-s3-test</a>	Europe (Frankfurt) eu-central-1	<a href="#">View analyzer for eu-central-1</a>	October 26, 2024, 13:01:18 (UTC+03:00)
<a href="#">dmytro-vashchuk-s3-test</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	October 27, 2024, 15:35:57 (UTC+02:00)
<a href="#">terraform-state-danil-devops</a>	Europe (Frankfurt) eu-central-1	<a href="#">View analyzer for eu-central-1</a>	October 14, 2024, 18:18:12 (UTC+03:00)

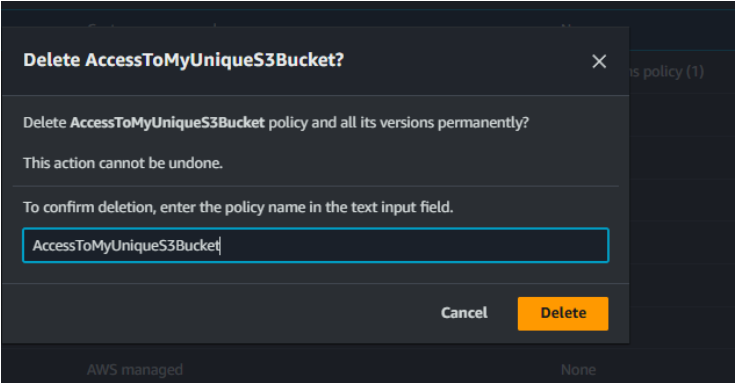


Видаляємо створені ресурси (логінимось під основним користувачем)

### Видалення користувача



### Видалення політики



## Видалення S3 бакету

[Amazon S3](#) > [Buckets](#) > [dmytro-vashchuk-s3-test](#) > Delete bucket

### Delete bucket Info

- ⚠ Deleting a bucket cannot be undone.
- Bucket names are unique. If you delete a bucket, another AWS user can use the name.
- If this bucket is used with a Multi-Region Access Point in an external account, initiate failover before deleting the bucket.
- If this bucket is used with an access point in an external account, the requests made through those access points will fail after you delete this bucket.

[Learn more](#) 

#### Delete bucket "dmytro-vashchuk-s3-test"?

To confirm deletion, enter the name of the bucket in the text input field.

Cancel

Delete bucket