

**Міністерство науки і освіти України**



**Звіт з лабораторної роботи №4  
з дисципліни “Аналіз Програмного Забезпечення”**

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## Лабораторна робота №4

Було зареєстровано акаунт AWS (рис.1-3).



### Free Tier offers

All AWS accounts can explore 3 different types of free offers, depending on the product used.



**Always free**  
Never expires



**12 months free**  
Start from initial sign-up date



**Trials**  
Start from service activation date

## Sign up for AWS

### Contact Information

How do you plan to use AWS?

- ☐ Business - for your work, school, or organization
- ☒ Personal - for your own projects

Who should we contact about this account?

Full Name

Bohdan Manin

Country Code Phone Number



+380



930299804

Country or Region

Ukraine

Address line 1

Рисунок 1 – Реєстрація акаунту.

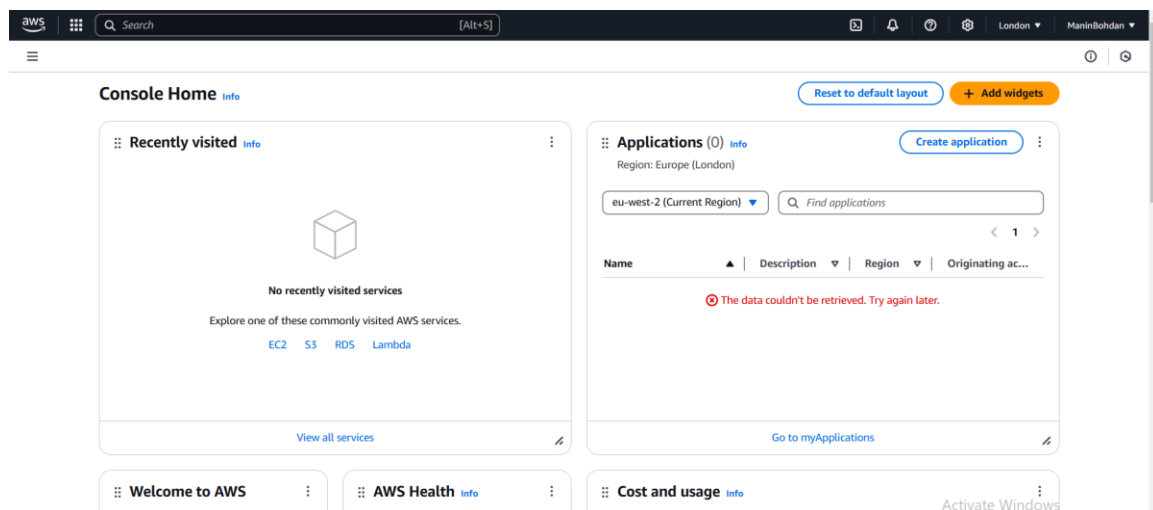


Рисунок 2 – Реєстрація акаунту.



# Congratulations!

Thank you for signing up with AWS.

We are activating your account, which should take a few minutes. You will receive an email when this is complete.

**Go to the AWS Management Console**

[Sign up for another account](#) or [Contact Sales](#)

*Рисунок 3 – Реєстрація акаунту.*

Далі, було створено бакет на сервісі S3, якому було задано ім'я: *maninbohdan-bucket-apz* (рис. 4).

**Create bucket** [info](#)

Buckets are containers for data stored in S3.

**General configuration**

**AWS Region**  
Europe (London) eu-west-2

**Bucket name** [info](#)  
maninbohdan-bucket-apz

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.

*Рисунок 4 – Створення бакету.*

Далі, було налаштовано доступ до бакету (рис. 5).

**Edit Block public access (bucket settings)** [info](#)

**Block public access (bucket settings)**  
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☒ **Block all public access**  
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☒ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

[Cancel](#) [Save changes](#)

*Рисунок 5 – Налаштування доступу до бакету.*

Наступним кроком було налаштування статичного серверу (рис. 6).

**Edit static website hosting** [Info](#)

**Static website hosting**  
Use this bucket to host a website or redirect requests. [Learn more](#)

**Static website hosting**

☐ Disable

☒ Enable

**Hosting type**

☒ Host a static website  
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object  
Redirect requests to another bucket or domain. [Learn more](#)

① For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

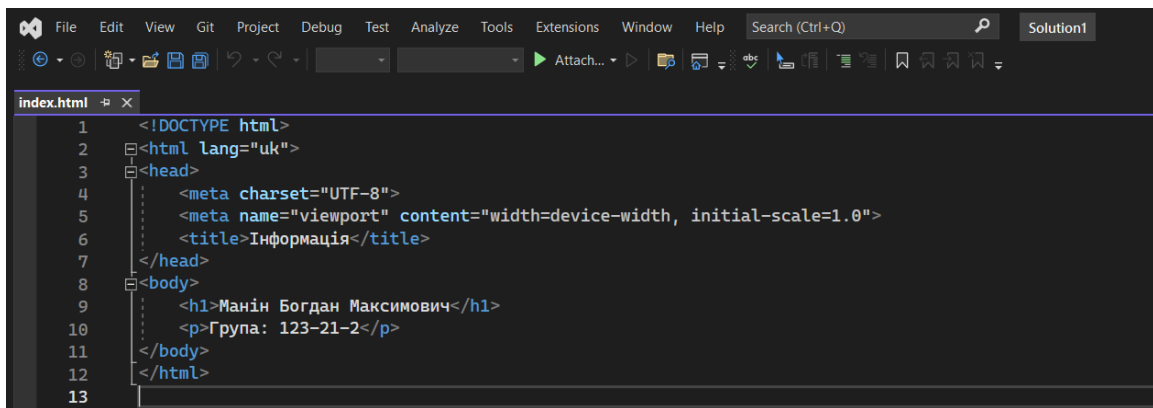
**Index document**  
Specify the home or default page of the website.

**Error document - optional**  
This is returned when an error occurs.

Activate Windows  
Go to Settings to activate Windows

Рисунок 6 – Налаштування статичного серверу.

Далі було завантажено файл index.html (рис. 7-8).



```
1 <!DOCTYPE html>
2 <html lang="uk">
3   <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Інформація</title>
7   </head>
8   <body>
9     <h1>Манін Богдан Максимович</h1>
10    <p>Група: 123-21-2</p>
11  </body>
12 </html>
13
```

Рисунок 7 – Код файлу index.html.

**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 SDKs 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, 318.0 B)** [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	index.html	-	text/html	318.0 B

Рисунок 8 – Завантаження файлу index.html.

Було проведено налаштування публічного доступу (рис. 9).

## Edit bucket policy [Info](#)

### Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Policy examples](#)[Policy generator](#)

#### Bucket ARN

 arn:aws:s3:::maninbohdan-bucket-apz

#### Policy

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Sid": "PublicReadGetObject",  
6       "Effect": "Allow",  
7       "Principal": "*",  
8       "Action": "s3:GetObject",  
9       "Resource": "arn:aws:s3:::maninbohdan-bucket-apz/*"  
10    }  
11  ]  
12 }  
13
```

#### Edit statement

#### Select a statement

Select an existing statement in the policy or add a new statement.

[+ Add new statement](#)

Activate Windows

*Рисунок 9 – Налаштування публічного доступу.*

Було отримано результат роботи (рис. 10).



**Манін Богдан Максимович**

Група: 123-21-2

*Рисунок 10 – Результат роботи.*

Результат роботи можна переглянути за посиланням:

<http://maninbohdan-bucket-apz.s3-website.eu-west-2.amazonaws.com>