

Міністерство освіти і науки України  
Національний технічний університет «Дніпровська політехніка»



Національний  
технічний університет  
**ДНІПРОВСЬКА**  
**ПОЛІТЕХНІКА**  
**1899**

Звіт

Лабораторна робота №4  
З дисципліни «Аналіз програмного забезпечення»

Виконала:

студентка групи 122-22-5

Алексєєнко Є.Д.

Перевірив:

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м. Дніпро

2025 рік

**Тема:** AWS S3.

**Мета:** Набування навичок у створення і розміщенні статичної веб-сторінки на AWS S3.

**Очікувані результати навчання:** уміння створити і розмістити сторінку з власними даними на ресурсі AWS S3.

**Основні кроки виконання:**

Крок 1. Зареєструватися в системі AWS.

**Try AWS at no cost for up to 6 months**

Start with USD \$100 in AWS credits, plus earn up to USD \$100 by completing various activities.



## Sign up for AWS

Root user email address

Used for account recovery and as described in the [AWS Privacy Notice](#)

26.yelyzavetaaleksieienko@student.kerrycoll

AWS account name

Choose a name for your account. You can change this name in your account settings after you sign up.

Yelyzaveta Aleksieienko

Verify email address



OR

Sign in to an existing AWS account

This site uses essential cookies. See our [Cookie Notice](#) for more information.

Screenshot of the AWS Console Home page. The top navigation bar shows the account ID (2237-0898-7682), region (Europe (Stockholm)), and user (Yelyzaveta Alekseeienko). The main area displays various service cards:

- Recently visited**: Shows a cube icon and a message "No recently visited services". Below it, a link to "View all services" and a list of commonly visited services: EC2, S3, Aurora and RDS, Lambda.
- Applications**: Shows a message "No applications" and a link to "Create application". It includes a search bar for "Find applications" and a table header for "Name", "Description", "Region", and "Orig".
- Welcome to AWS**: Includes sections for "Getting started with AWS", "Training and certification", and "AWS Builder Center".
- AWS Health**: Displays "Open issues" (0) from "Past 7 days" and "Scheduled changes" (0) from "Upcoming and past 7 days". It also shows "Other notifications" (0) from "Past 7 days".
- Cost and usage**: Shows a chart icon and a message "Data unavailable". It includes a link to "Turn on Cost Explorer" and "Go to Billing and Cost Management".
- Solutions**: A card showing "Solutions (13)" with categories: Cloud Architect (4), Platform Engineer (4), AI Ops, and Amazon QuickSight.
- Explore AWS**: Includes links to "AI Agent Marketplace", "OpenAI open weight models on AWS", and "Amazon QuickSight".

Крок 2. Створити бакет у S3 з вашим прізвищем та іменем.

 <a href="#">yaleksieienko122-22-5-bucket-apz</a>	Europe (Stockholm) eu-north-1	November 9, 2025, 17:05:43 (UTC+00:00)
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Крок 3. Розмістити на S3 статичну веб-сторінку, яка містить ваше ПІБ та Вашу академічну групу.

Завантажити файл index.html з наступним змістом:

```
<!DOCTYPE html>
<html lang="uk">
<head>
<meta charset="UTF-8" />
```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Моя сторінка</title>
</head>
<body>
<h1>Алексєєнко Єлизавета Денисівна</h1>
<p>122-22-5</p>
</body>
</html>

```

The screenshot shows the AWS S3 console interface. At the top, there are several buttons: Copy S3 URI, Copy URL, Download, Open, Delete, Actions (with a dropdown arrow), Create folder, and Upload. Below these are two tabs: 'Objects (1)' and a circular icon with a 'C'. Underneath are two more buttons: Find objects by prefix and a gear icon. A message states: 'Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)'.

Name	Type	Last modified	Size	Storage class
<a href="#">index.html</a>	html	November 9, 2025, 17:10:47 (UTC+00:00)	332.0 B	Standard

The screenshot shows the 'Edit Block public access (bucket settings)' dialog box. It includes a warning message: 'Updating the Block Public Access settings for this bucket will affect this bucket and all objects within. This may result in some objects becoming public.' Below is a text input field with the placeholder 'To confirm the settings, enter **confirm** in the field.' and a 'confirm' button. At the bottom right are 'Cancel' and 'Save changes' buttons.

**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**  
S3 will ignore public and cross-account access.

## Крок 4. Налаштування хостингу і отримання публічної адреси сторінки.

### Static website hosting

[Edit](#)

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

**We recommend using AWS Amplify Hosting for static website hosting**

Deploy a fast, secure, and reliable website quickly with AWS Amplify Hosting. Learn more about [Amplify Hosting](#) or [View your existing Amplify apps](#)

[Create Amplify app](#)

The screenshot shows the AWS Amplify console interface. At the top, it displays the URL eu-north-1.console.aws.amazon.com/amplify/apps/d372rlcvhxkdwu/overview. The main content area is titled 'app7004' and shows the app ID d372rlcvhxkdwu. Below this, there's a 'Get to production' section with three numbered steps: 1. Add a custom domain, 2. Enable firewall protections, and 3. Connect new branches. Step 1 has a 'Add custom domain' button. Step 2 has a 'Enable firewall' button. Step 3 has a 'Connect a new branch' button. Below this is a 'Branches' section with a 'Deployed' status for the 'staging' branch. The URL https://staging.d372rlcvhxkdwu.amplifyapp.com is listed, along with a note that the last deployment was 1 minute ago.

Посилання: <https://staging.d372rlcvhxkdwu.amplifyapp.com/>

The screenshot shows a web browser window with the URL staging.d372rlcvhxkdwu.amplifyapp.com. The page content is a simple static page with some placeholder text and a logo.

## Алексєєнко Єлизавета Денисівна

122-22-5

Або посилання Bucket website endpoint:

<http://yaleksieienko122-22-5-bucket-apz.s3-website.eu-north-1.amazonaws.com>



The screenshot shows a web browser window with the URL http://yaleksieienko122-22-5-bucket-apz.s3-website.eu-north-1.amazonaws.com. The page content is a simple static page with some placeholder text and a logo.

## Алексєєнко Єлизавета Денисівна

122-22-5

**Висновок:** У ході виконання лабораторної роботи №4 було здобуто практичні навички роботи з хмарним сервісом Amazon Web Services (AWS), зокрема зі службою S3 (Simple Storage Service). У процесі роботи було створено власний бакет, налаштовано права доступу та активовано функцію статичного веб-хостингу. На основі цих дій успішно розміщено просту веб-сторінку, що містить особисті дані (ПІБ та номер академічної групи).