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

ЗВІТ
з виконання практичної роботи
з дисципліни
«Аналіз програмного забезпечення»

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Прийняв:

асистент каф. САУ
Шевченко Ю.О.

Дніпро
2025

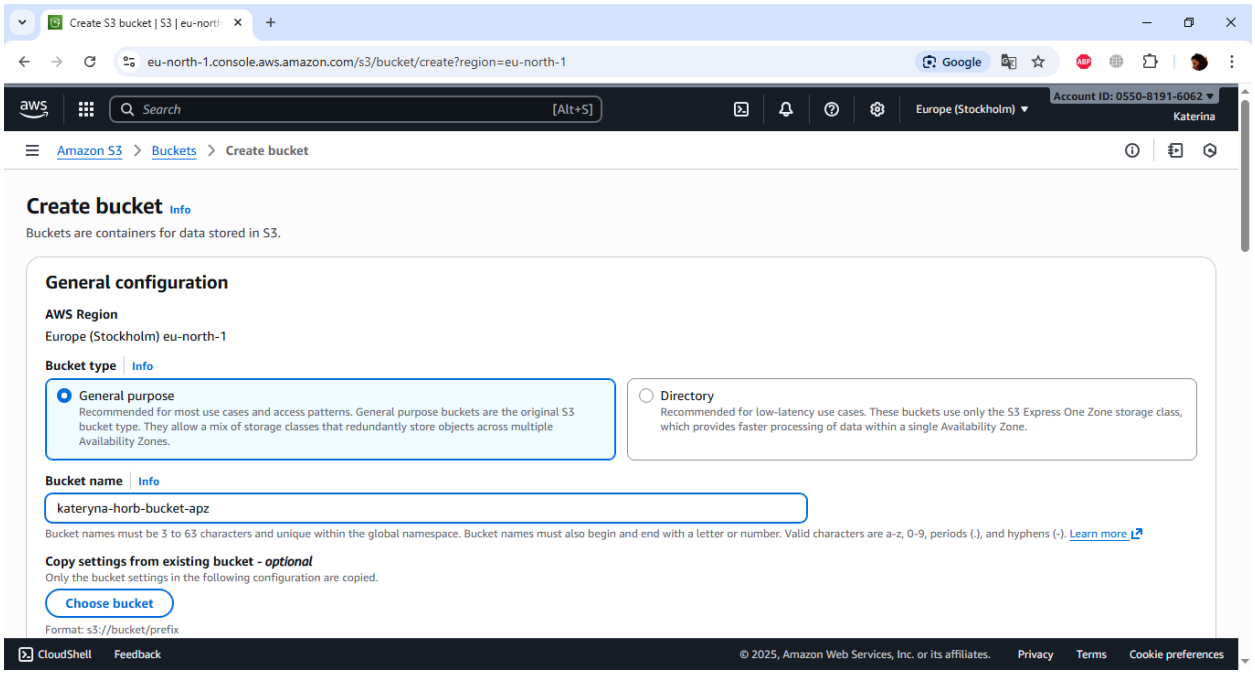
Практична робота №4

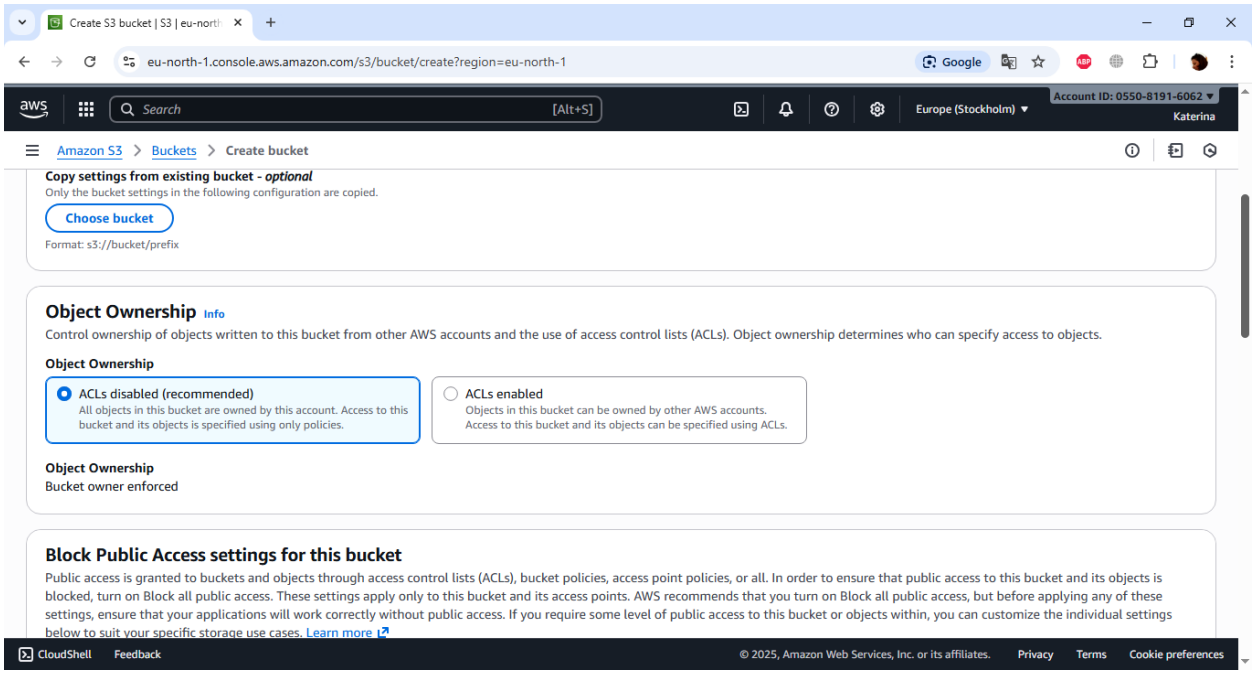
Тема роботи: AWS S3.

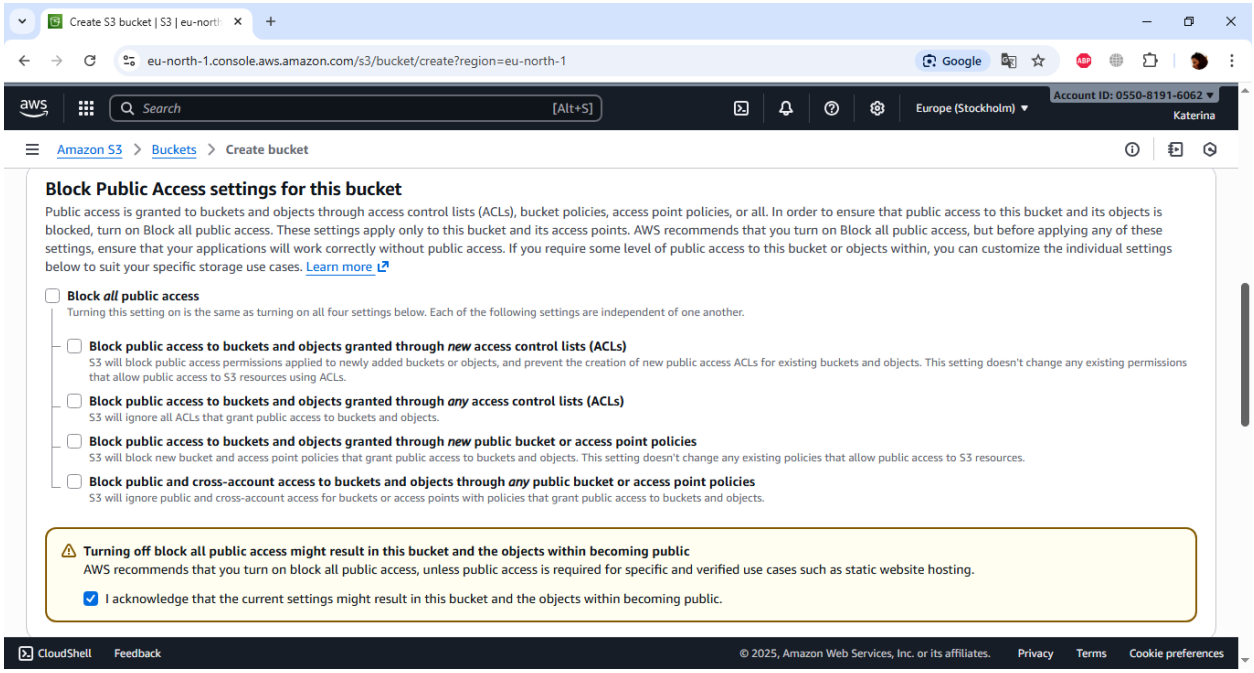
Мета роботи: набування навичок у створенні і розміщенні статичної веб-сторінки на AWS S3.

1. Зареєструватись в системі AWS. Після реєстрації перейти до наступних дій.

2. Створення S3 bucket.






Create S3 bucket | S3 | eu-north
eu-north-1.console.aws.amazon.com/s3/bucket/create?region=eu-north-1
Search
[Alt+S]
Europe (Stockholm)
Account ID: 0550-8191-6062
Katerina
Amazon S3 > Buckets > Create bucket
Block Public Access settings for this bucket
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 this bucket and its 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 this bucket 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.
Turning off block all public access might result in this bucket and the objects within becoming public
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.
I acknowledge that the current settings might result in this bucket and the objects within becoming public.
CloudShell
Feedback
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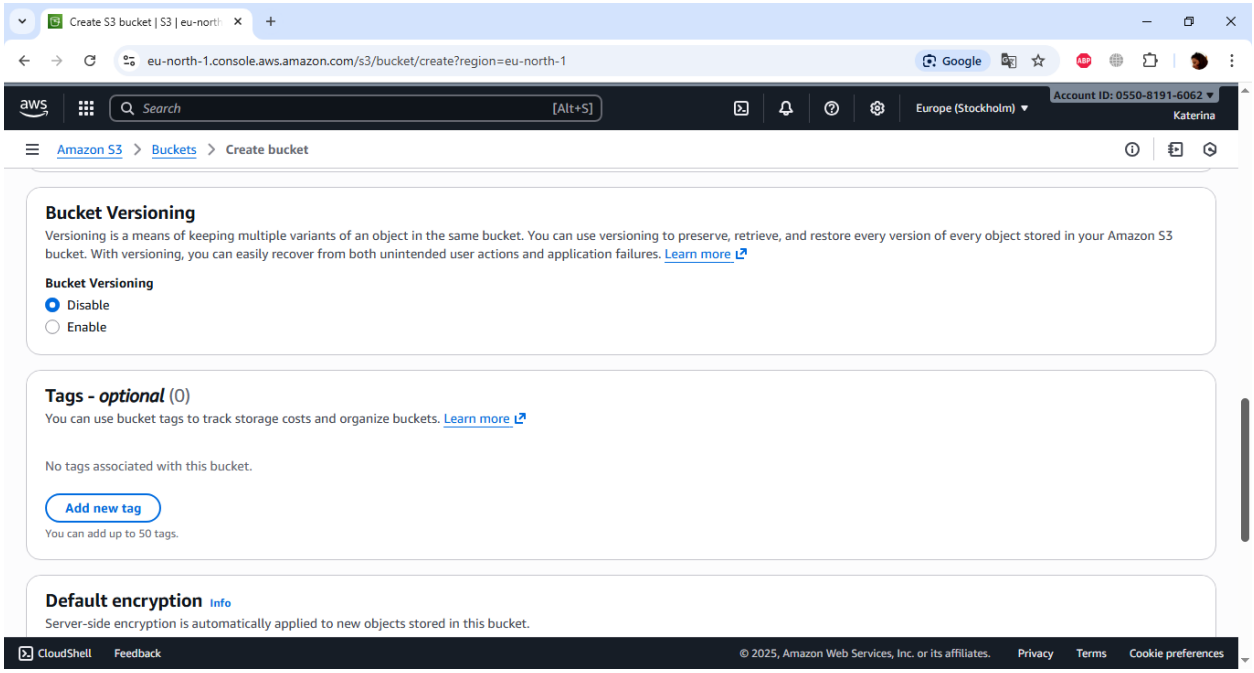
Create S3 bucket | S3 | eu-north
eu-north-1.console.aws.amazon.com/s3/bucket/create?region=eu-north-1
Search
[Alt+S]
Europe (Stockholm)
Account ID: 0550-8191-6062
Katerina
Amazon S3 > Buckets > Create bucket
Bucket Versioning
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more
Bucket Versioning
Disable
Enable
Tags - optional (0)
You can use bucket tags to track storage costs and organize buckets. Learn more
No tags associated with this bucket.
Add new tag
You can add up to 50 tags.
Default encryption Info
Server-side encryption is automatically applied to new objects stored in this bucket.
CloudShell
Feedback
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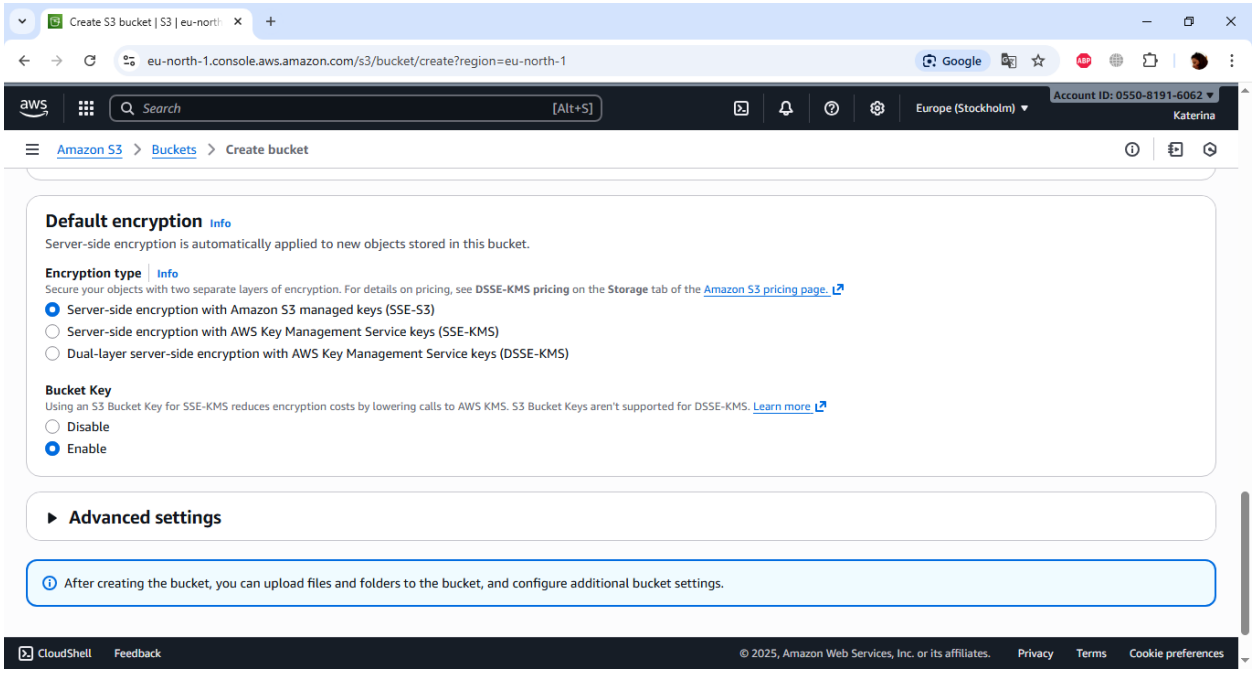
Privacy
Terms
Cookie preferences


Create S3 bucket | S3 | eu-north-1
eu-north-1.console.aws.amazon.com/s3/bucket/create?region=eu-north-1
Search
[Alt+S]
Europe (Stockholm)
Account ID: 0550-8191-6062
Katerina
Amazon S3 > Buckets > Create bucket
Default encryption Info
Server-side encryption is automatically applied to new objects stored in this bucket.
Encryption type Info
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the Amazon S3 pricing page.
Server-side encryption with Amazon S3 managed keys (SSE-S3)
Server-side encryption with AWS Key Management Service keys (SSE-KMS)
Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
Bucket Key
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. Learn more
Disable
Enable
Advanced settings
After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.
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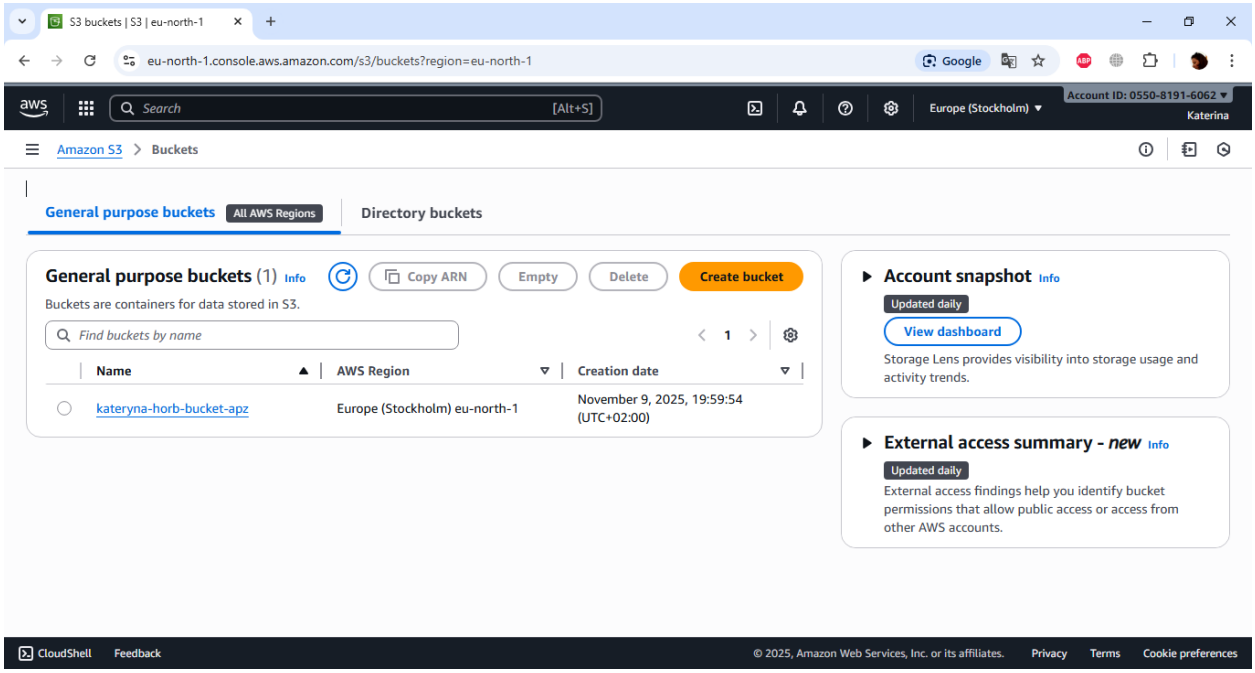
S3 buckets | S3 | eu-north-1
eu-north-1.console.aws.amazon.com/s3/buckets?region=eu-north-1
Search
[Alt+S]
Europe (Stockholm)
Account ID: 0550-8191-6062
Katerina
Amazon S3 > Buckets
General purpose buckets
All AWS Regions
Directory buckets
General purpose buckets (1) Info
Copy ARN
Empty
Delete
Create bucket
Buckets are containers for data stored in S3.
Find buckets by name
Name
AWS Region
Creation date
kateryna-horb-bucket-apz
Europe (Stockholm) eu-north-1
November 9, 2025, 19:59:54 (UTC+02:00)
Account snapshot Info
Updated daily
View dashboard
Storage Lens provides visibility into storage usage and activity trends.
External access summary - new Info
Updated daily
External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.
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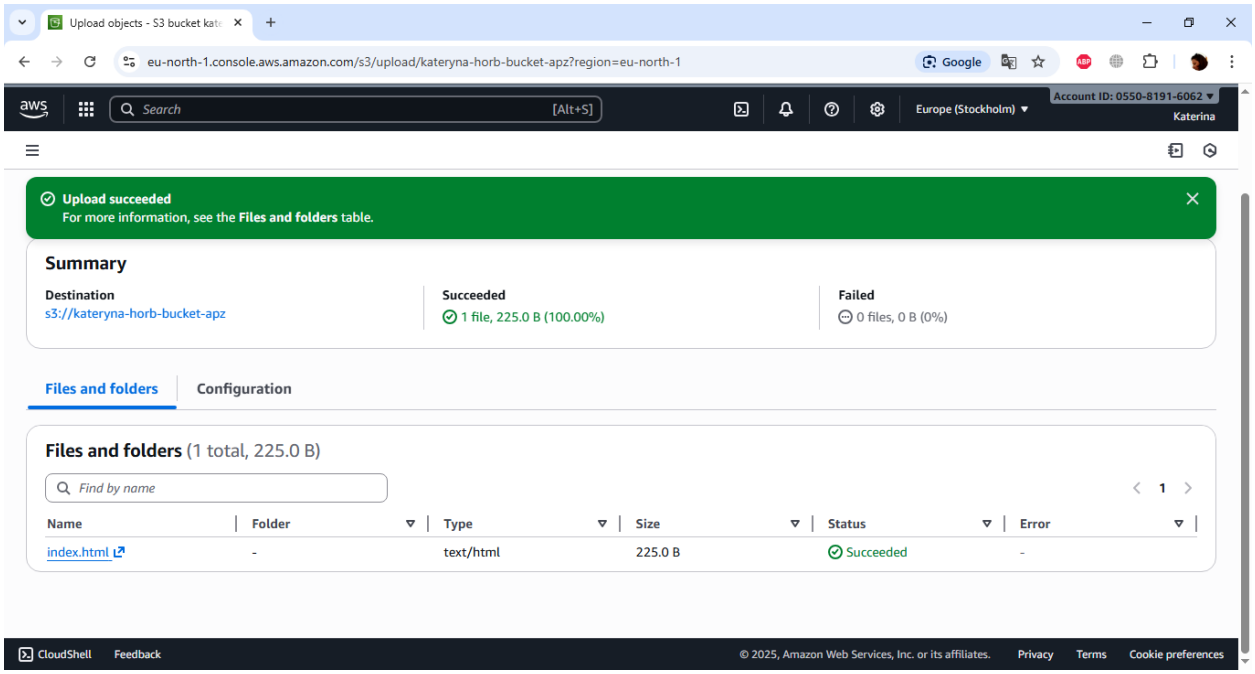
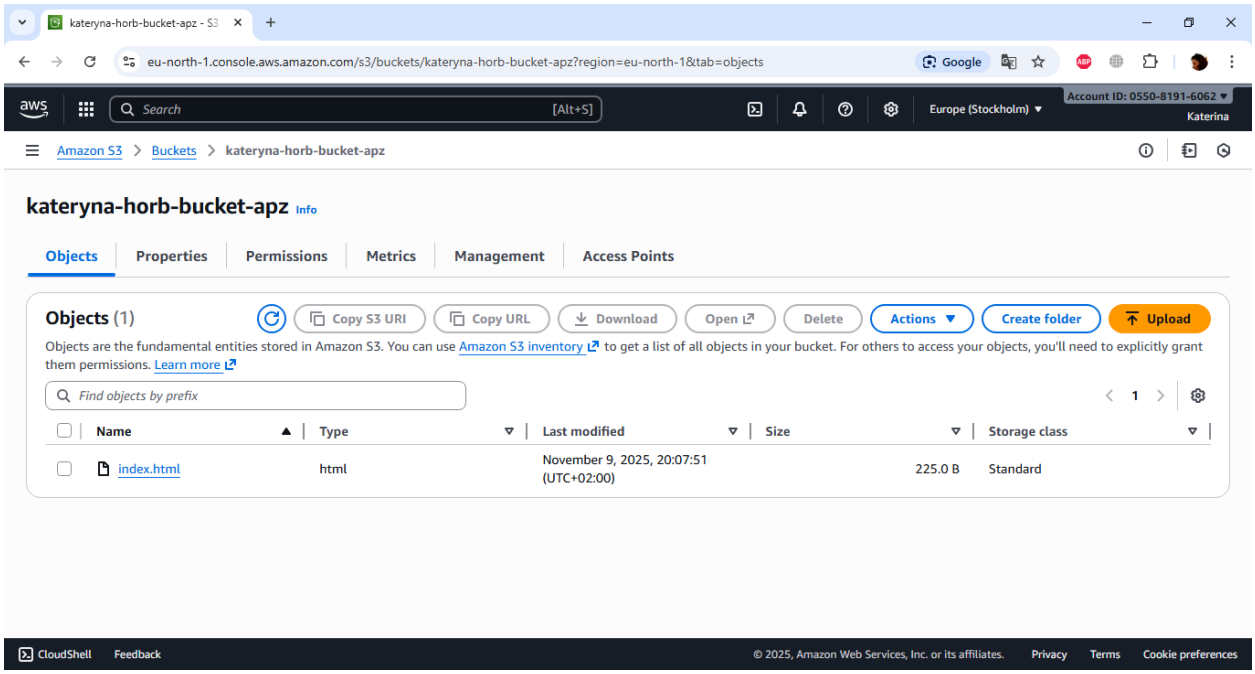
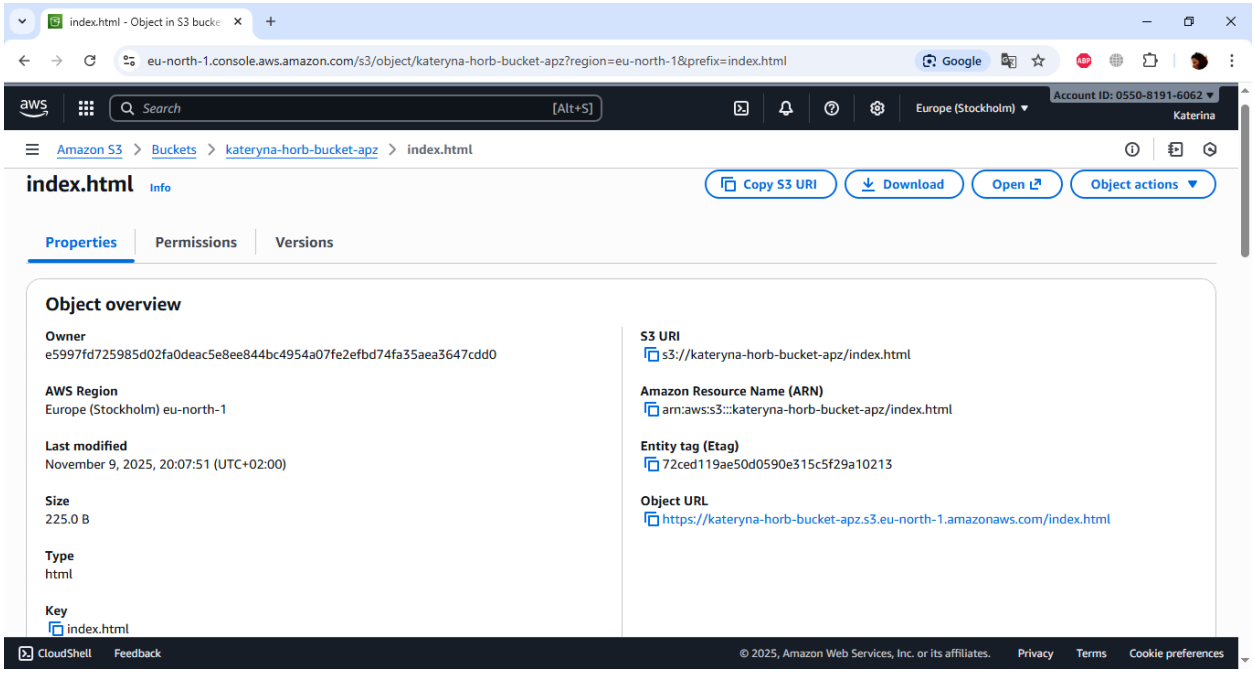
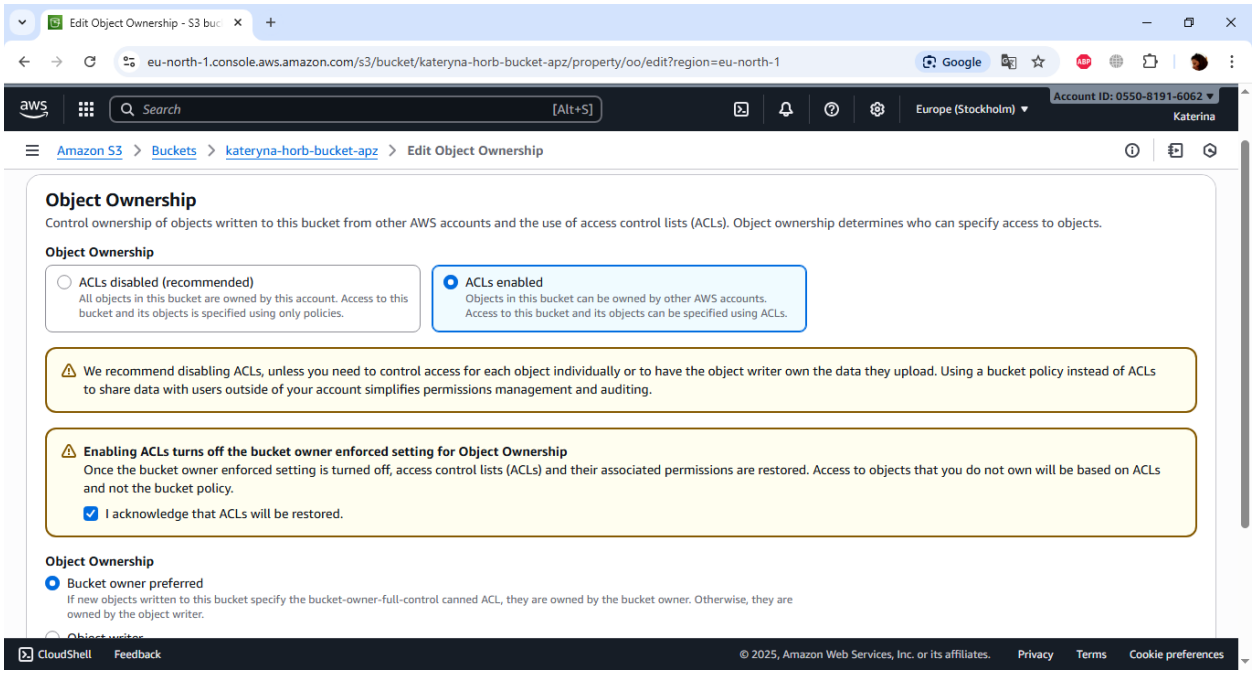
3. Завантаження HTML-файлу у bucket.

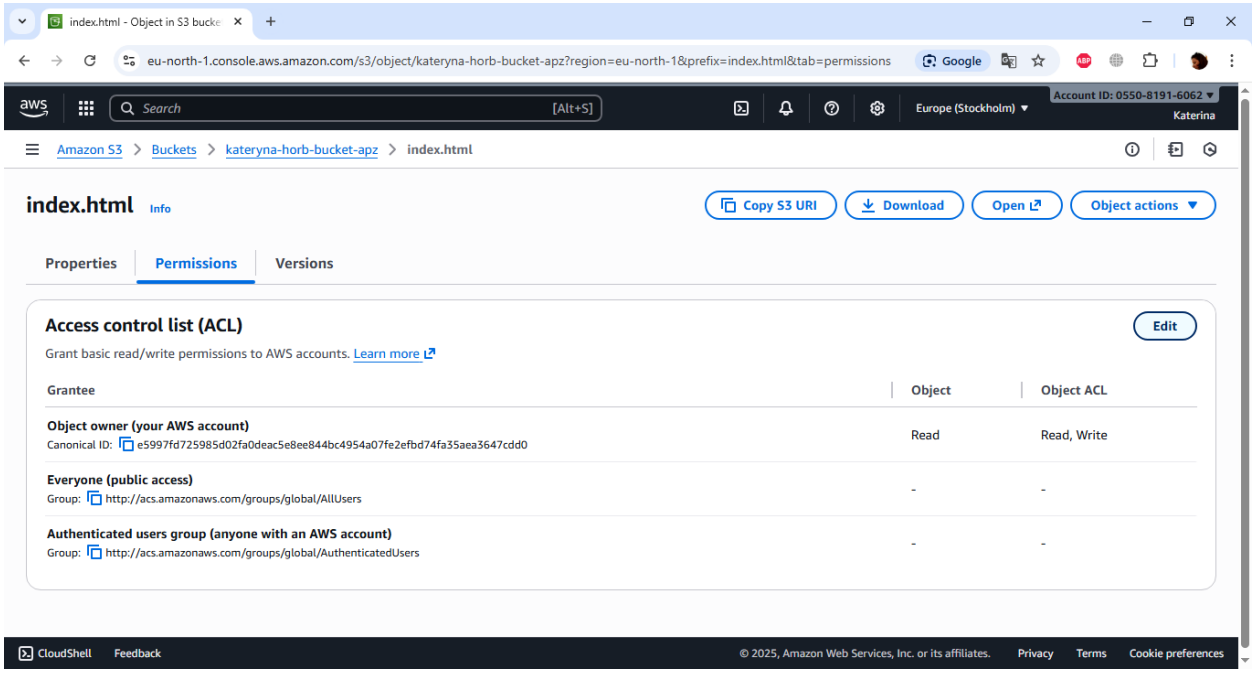






4. Налаштування хостингу та отримання адреси сторінки.




index.html - Object in S3 bucke
eu-north-1.console.aws.amazon.com/s3/object/kateryna-horb-bucket-apz?region=eu-north-1&prefix=index.html&tab=permissions
Search
[Alt+S]
Europe (Stockholm)
Account ID: 0550-8191-6062
Katerina
Amazon S3 > Buckets > kateryna-horb-bucket-apz > index.html
index.html Info
Copy S3 URI
Download
Open
Object actions
Properties
Permissions
Versions
Access control list (ACL)
Edit
Grant basic read/write permissions to AWS accounts. Learn more
Grantee
Object
Object ACL
Object owner (your AWS account)
Canonical ID: e5997fd725985d02fa0deac5e8ee844bc4954a07fe2efbd74fa35aea3647cdd0
Read
Read, Write
Everyone (public access)
Group: http://acs.amazonaws.com/groups/global/AllUsers
-
-
Authenticated users group (anyone with an AWS account)
Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers
-
-
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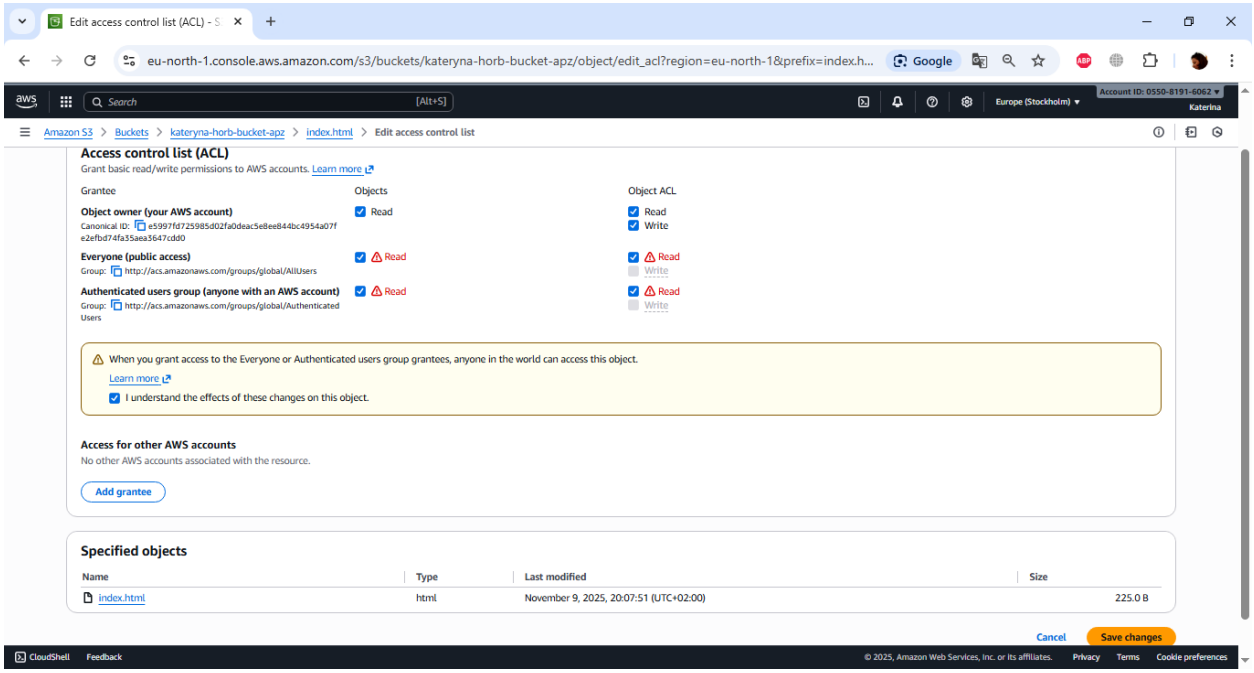
Edit access control list (ACL) - S
eu-north-1.console.aws.amazon.com/s3/buckets/kateryna-horb-bucket-apz/object/edit_acl?region=eu-north-1&prefix=index.h...
Amazon S3 > Buckets > kateryna-horb-bucket-apz > index.html > Edit access control list
Access control list (ACL)
Grant basic read/write permissions to AWS accounts. Learn more
Grantee
Objects
Object ACL
Object owner (your AWS account)
Canonical ID: e5997fd725985d02fa0deac5e8ee844bc4954a07fe2efbd74fa35aea3647cdd0
Read
Read
Write
Everyone (public access)
Group: http://acs.amazonaws.com/groups/global/AllUsers
Read
Read
Write
Authenticated users group (anyone with an AWS account)
Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers
Read
Read
Write
When you grant access to the Everyone or Authenticated users group grantees, anyone in the world can access this object.
Learn more
I understand the effects of these changes on this object.
Access for other AWS accounts
No other AWS accounts associated with the resource.
Add grantee
Specified objects
Name
Type
Last modified
Size
index.html
html
November 9, 2025, 20:07:51 (UTC+02:00)
225.0 B
Cancel
Save changes
CloudShell
Feedback
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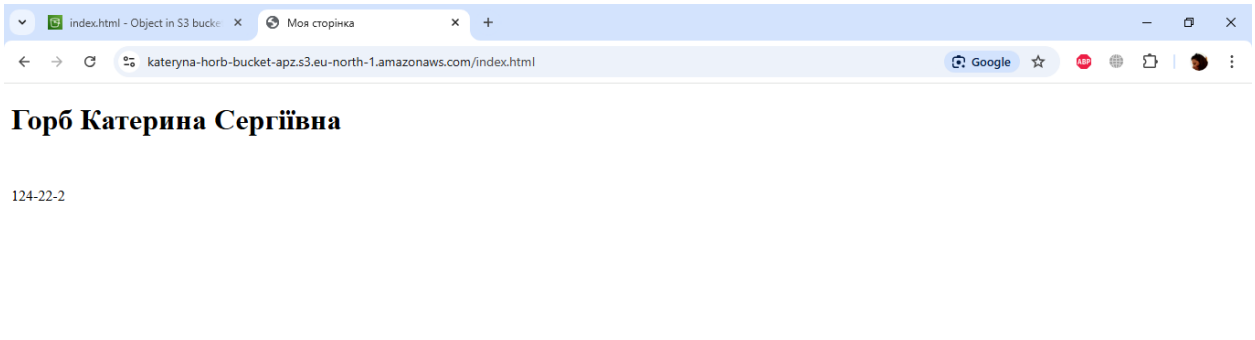
5. Створена веб-сторінка.



Результат виконання роботи

https://kateryna-horb-bucket-apz.s3.eu-north-1.amazonaws.com/index.html