

Create and configure an S3 bucket in AWS

Scribe 

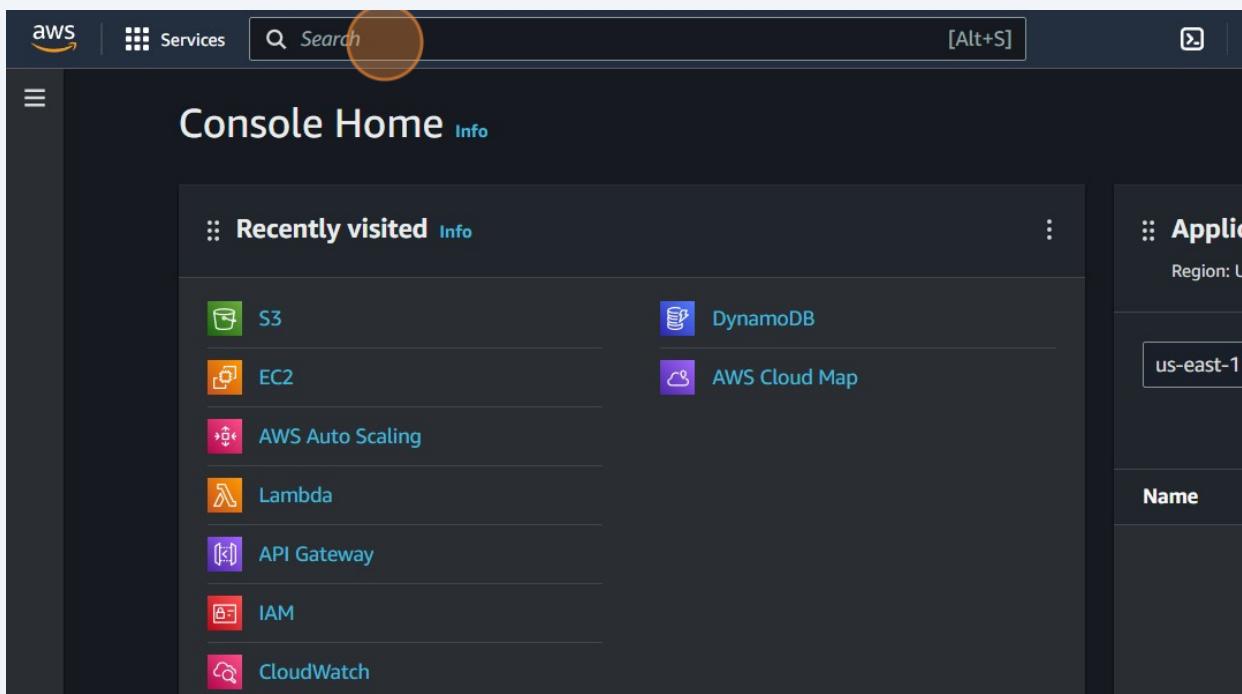
1

Navigate to

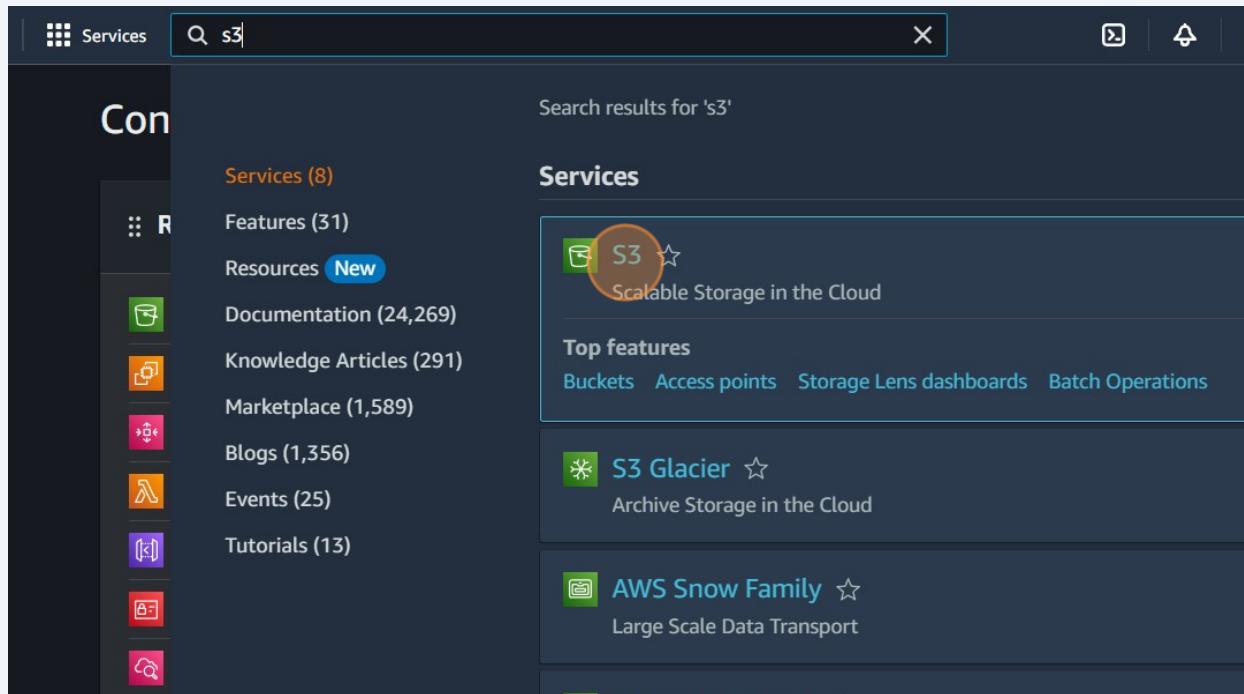
<https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1>

2

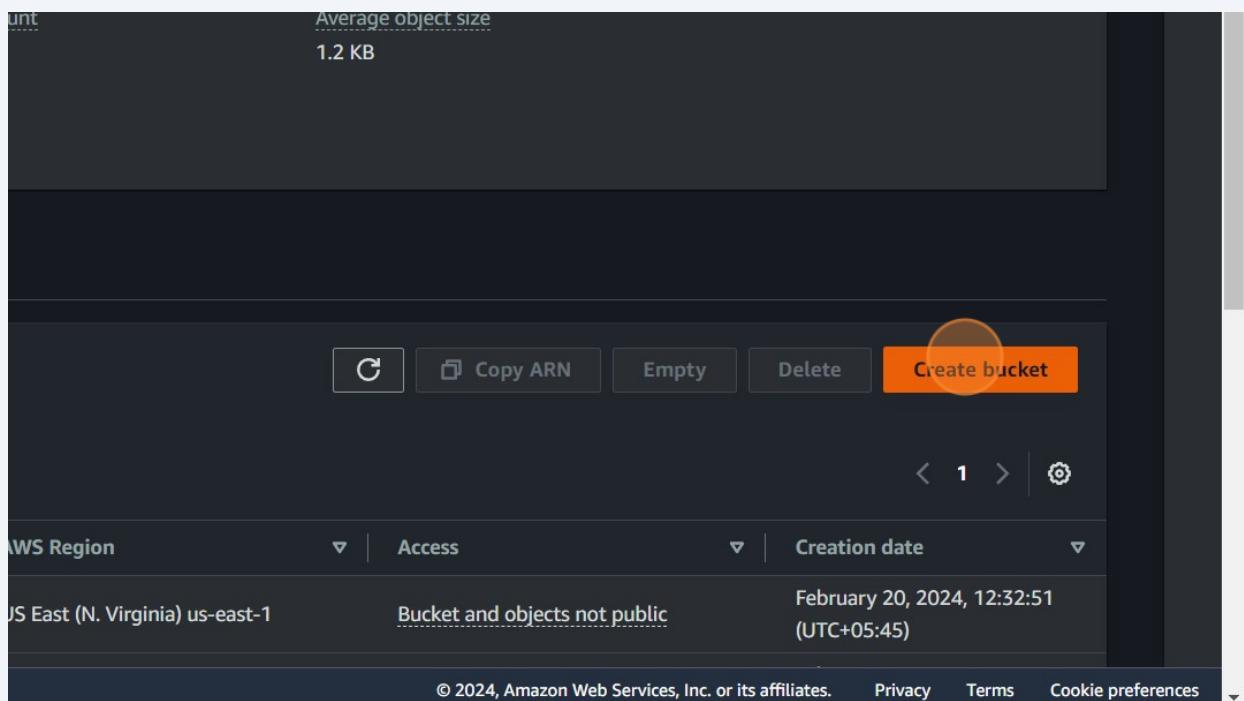
Click the "Search" field.



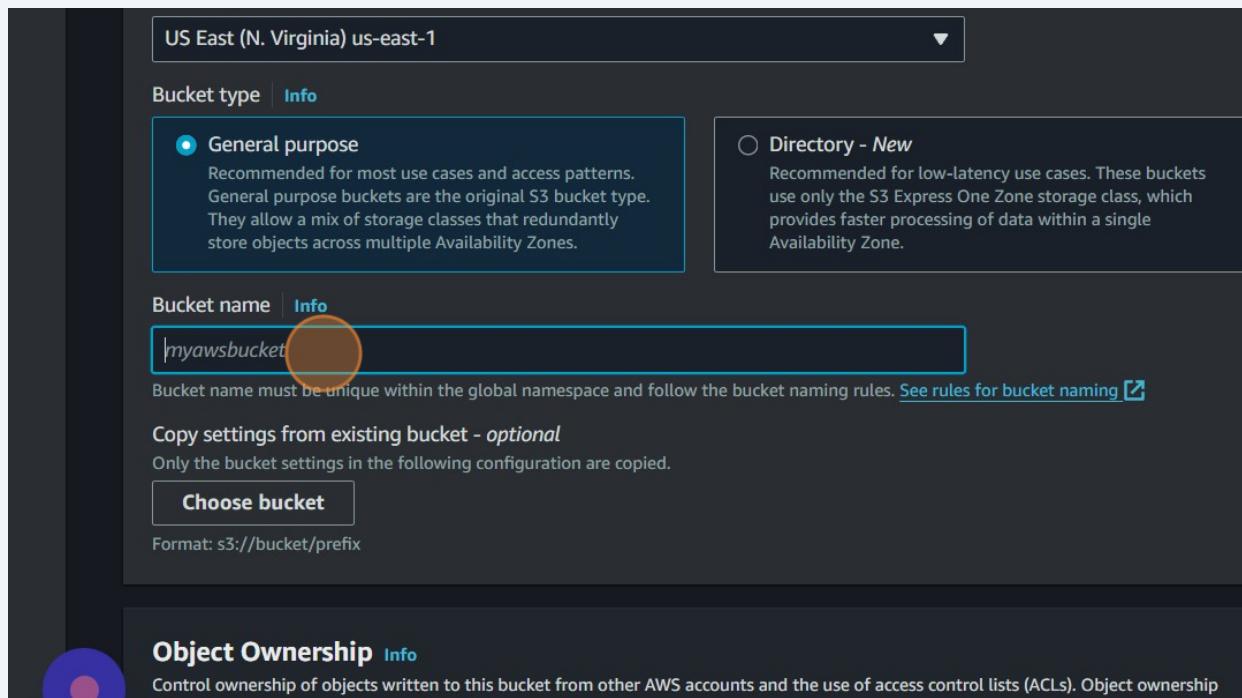
3 Navigate to S3



4 Click "Create bucket"



- 5 Click the "Bucket name" field.



- 6 Type the bucket name (bucketlabko16)

- 7 Click "Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs."

The screenshot shows the 'Object Ownership' section of the AWS S3 Bucket Properties page. It includes two options: 'ACLs disabled (recommended)' and 'ACLs enabled'. The 'ACLs enabled' option is highlighted with a red circle. Below the options, there's a note about ownership enforcement.

Object Ownership Info

Ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership defines 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.

Ownership
owner enforced

Block Public Access settings for this bucket

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](#)

- 8 Uncheck this checkbox.

The screenshot shows the 'Block Public Access settings for this bucket' section. It features a warning message about the required canned ACL for uploads. Below it, the 'Block all public access' setting is checked and highlighted with a red circle. There are also two additional unchecked checkboxes for blocking public access via ACLs.

Block Public Access settings for this bucket

bucket-owner-full-control canned ACL is required for object uploads. [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

CloudShell Feedback

9 Click this checkbox.

The screenshot shows the 'Block public access' section of the AWS S3 Bucket Properties page. It includes a checkbox for 'Block public and cross-account access to buckets and objects through any public bucket or access point policies'. Below the checkbox is a note stating that S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects. A warning message in a yellow-bordered box states: '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.' A second checkbox, 'I acknowledge that the current settings might result in this bucket and the objects within becoming public.', is highlighted with a red circle.

10 Click "Create bucket"

The screenshot shows a confirmation dialog box with the title 'Create bucket'. It contains the text: 'Your new bucket is being created. Once it is ready, you can add files and folders to the bucket, and configure additional bucket settings.' At the bottom of the dialog are two buttons: 'Cancel' and 'Create bucket', with 'Create bucket' being highlighted with a red circle.

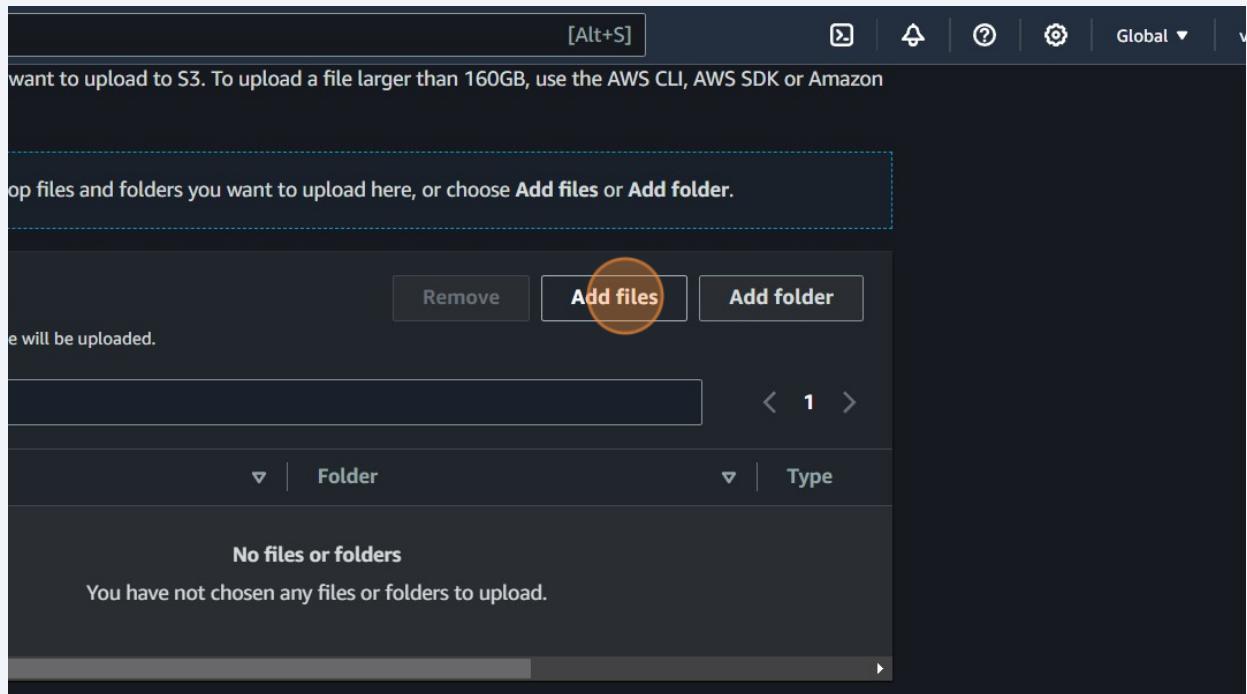
- 11 Select the recently created bucket,

General purpose buckets (10) Info			
Buckets are containers for data stored in S3. Learn more			
<input type="text"/> Find buckets by name			
	Name	AWS Region	Access
<input type="radio"/>	buc83	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	bucket111	US East (N. Virginia) us-east-1	Bucket
<input checked="" type="radio"/>	bucketlabko16	US East (N. Virginia) us-east-1	Objects
<input type="radio"/>	bucketnew121	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	s3-buc8gate	US East (N. Virginia) us-east-1	Objects
<input type="radio"/>	s3buc-1-1	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	s3buc-1-2	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	s3buc-1-3	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	s3buc3	US East (N. Virginia) us-east-1	Bucket
<input type="radio"/>	s3bucket3811	US East (N. Virginia) us-east-1	Objects

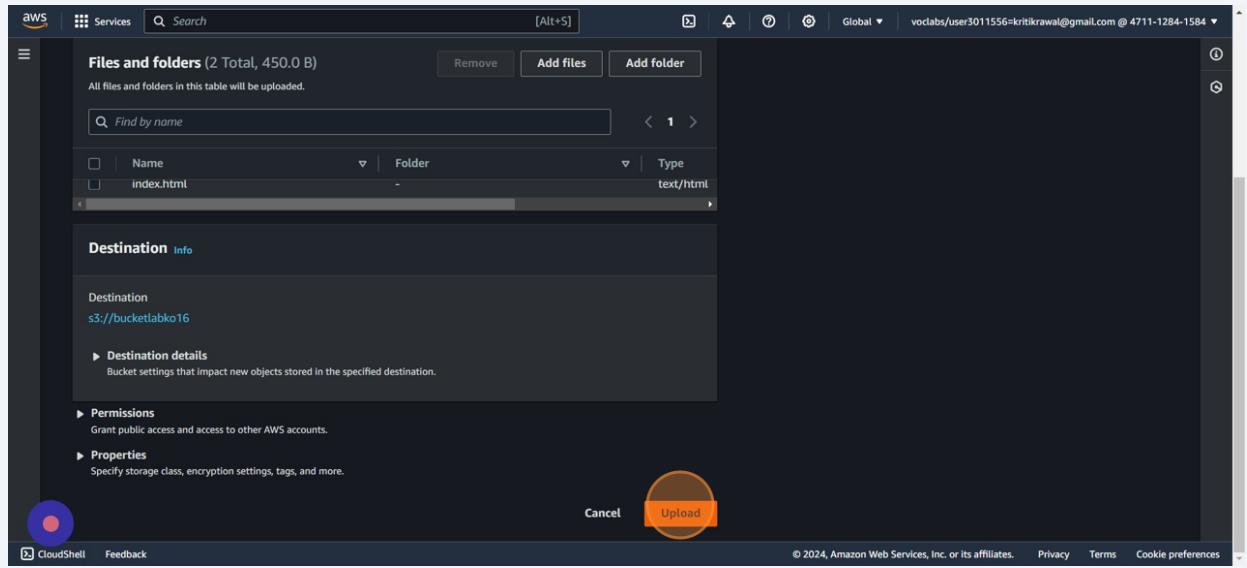
- 12 Click "Upload"

The screenshot shows the AWS S3 console interface. At the top, there's a toolbar with buttons for URL, Download, Open, Delete, Actions, Create folder, and Upload. The 'Upload' button is highlighted with a red circle. Below the toolbar, a message says 'List of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions.' A link to 'Learn more' is provided. At the bottom, there are filters for Last modified, Size, and Storage class, and a message stating 'No objects' because there aren't any objects in this bucket.

13 Click "Add files"



14 Upload the bucket.



15 The file is being uploaded.

The screenshot shows the AWS Lambda console interface. At the top, there's a navigation bar with 'Services' and a search bar. Below it, a progress bar indicates 'Uploading' with '50%' completed. A message below the bar says 'Total remaining: 1 file: 225.0 B(50.00%)' and 'Estimated time remaining: a few seconds'. Transfer rate is listed as '60.5 B/s'. The main area is titled 'Summary' and shows a table with two rows: 'Destination' (s3://bucketlabko16) with 'Succeeded' status and '1 file, 225.0 B (50.00%)', and 'Failed' with '0 files, 0 B (0%)'. Below this is a 'Files and folders' section with a table showing 'error.html' and 'index.html' both with 'Succeeded' status. A 'Find by name' search bar is also present.

Name	Folder	Type	Size	Status	Error
error.html	-	text/html	225.0 B	Succeeded	-
index.html	-	text/html	225.0 B	Pending	-

16 The files are uploaded.

The screenshot shows the AWS Lambda console interface. At the top, there's a navigation bar with 'Services' and a search bar. Below it, a table shows 'Succeeded' status with '1 file, 225.0 B (50.00%)'. The main area is titled 'Configuration' and shows a table with two entries: '-' and '-' both with 'Succeeded' status. A 'Find by name' search bar is also present.

Folder	Type	Size	Status	Error
-	text/html	225.0 B	Succeeded	-
-	text/html	225.0 B	Succeeded	-

17 Check the status of the bucket.

Type	Size	Status	Error
text/html	225.0 B	Succeeded	-
text/html	225.0 B	Succeeded	-

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18 Check the permissions.

Name	Type	Last modified
error.html	html	February 23, 2024, 00:29:33 (UTC+05:45)

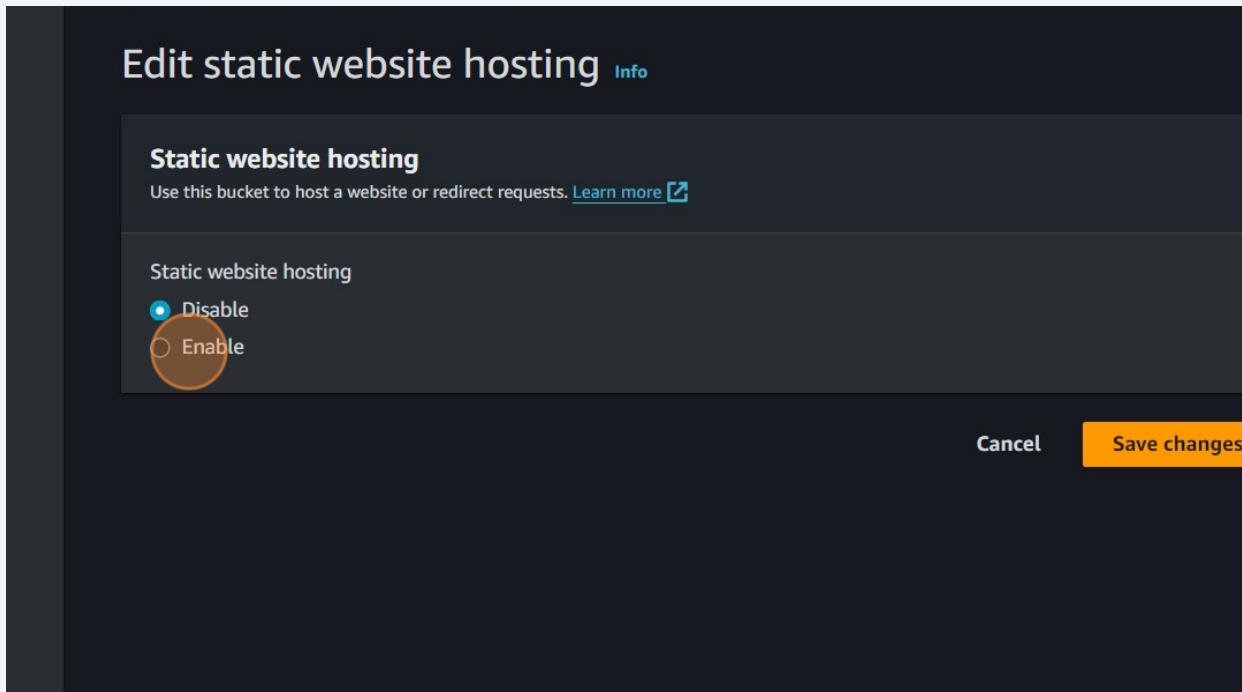
19 Click "Properties"

The screenshot shows the AWS S3 console. In the top navigation bar, 'Services' is selected. Below it, the path 'Amazon S3 > Buckets > bucketlabko16' is shown. The main title 'bucketlabko16' has an 'Info' link next to it. A horizontal menu bar below the title includes 'Objects', 'Properties' (which is highlighted and circled in orange), 'Permissions', 'Metrics', 'Management', and 'Access Points'. The 'Properties' section contains a sub-menu with 'Objects (2) Info'. It displays two objects: 'error.html' and 'index.html', both of which are 'html' type files last modified on February 23, 2024, at 00:29:35 (UTC+05:45). There are also buttons for 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', and 'Actions'.

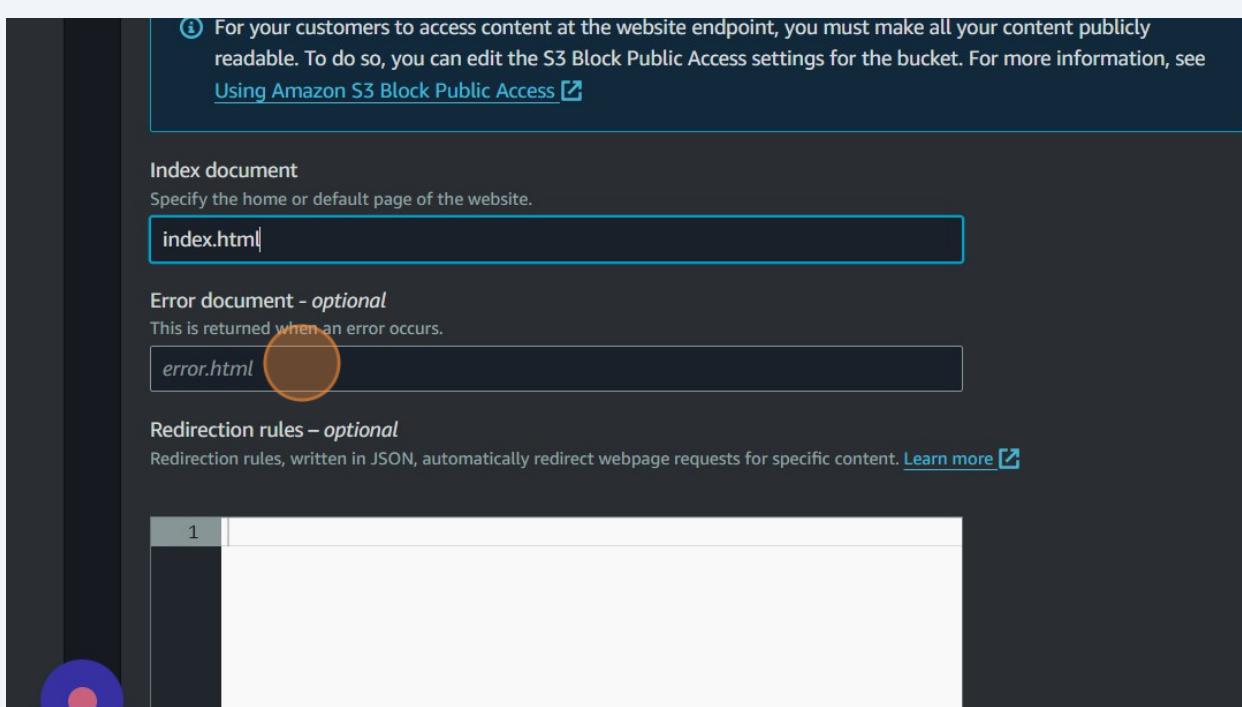
20 Click "Edit"

This screenshot shows the 'Properties' tab of the AWS S3 bucket configuration. It includes sections for 'Lock', 'Requester pays', and 'website hosting'. The 'website hosting' section is currently active, indicated by a blue background. It contains a note about using Object Lock for versioned buckets and a link to learn more. Below this, there's a section for 'Static website hosting' with a 'Edit' button. The 'Edit' button for the 'website hosting' section is circled in orange.

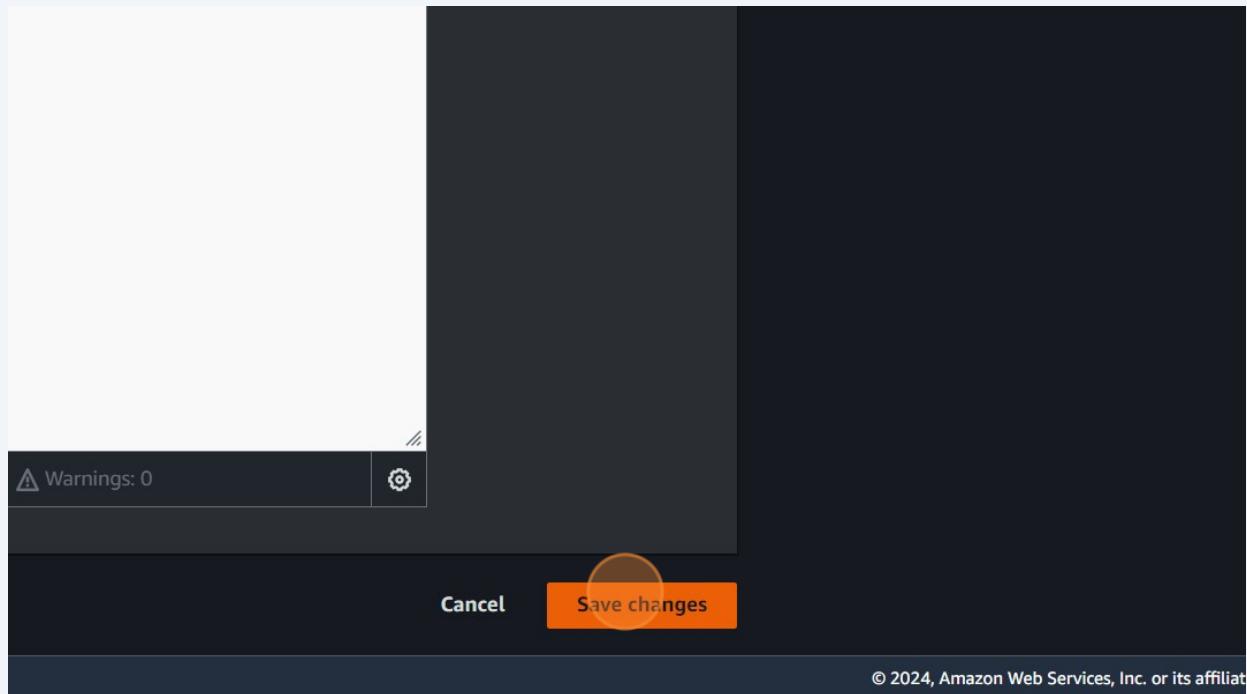
21 Click "Enable"



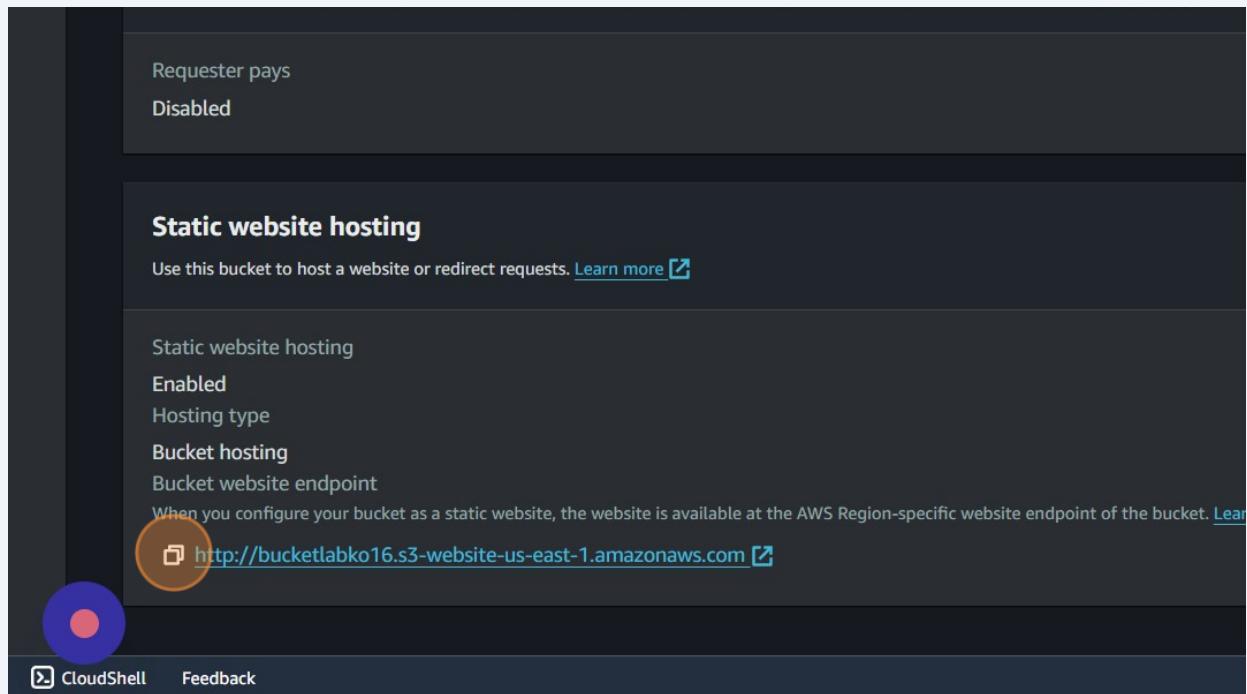
22 Write the document name.



23 Click "Save changes"



24 Copy the link.



25 Open a new tab

26 Switch to tab "Auto Scaling groups | EC2 | us-east-1"

27 Switch to tab "Instances | EC2 | us-east-1"

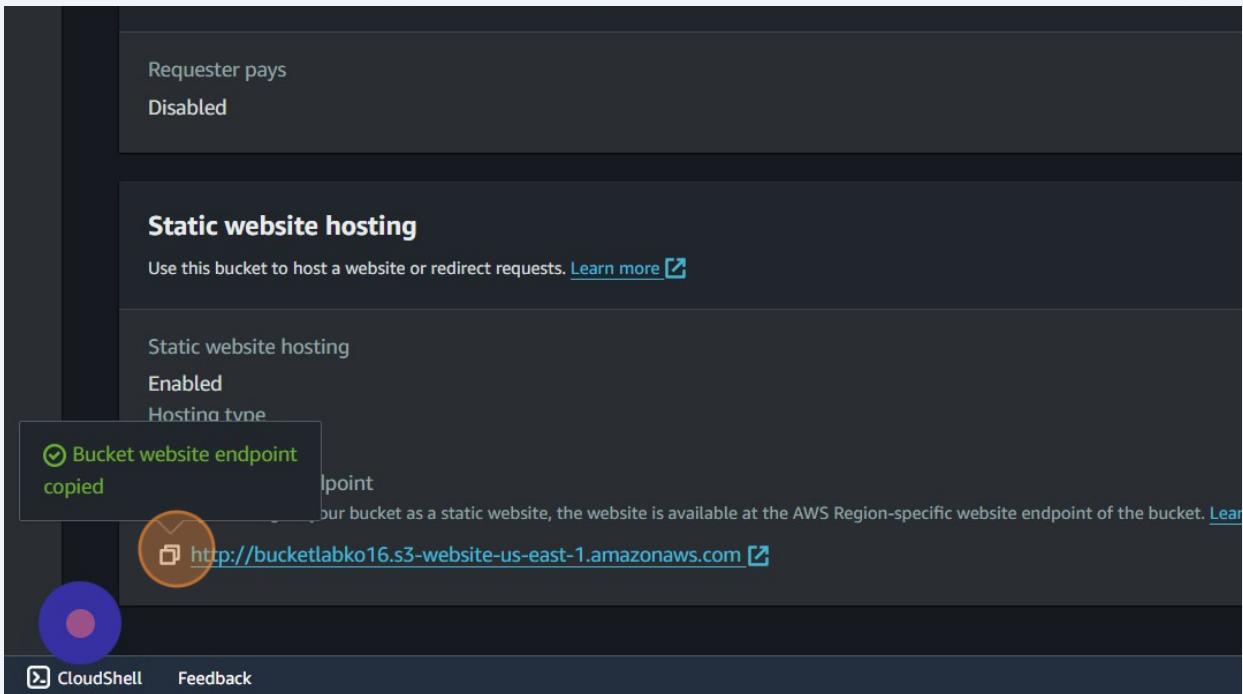
28 Switch to tab "Load balancer details | EC2 | us-east-1"

29 Switch to tab "Target group details | EC2 | us-east-1"

30 Switch to tab "loadbalancer15-361498212.us-east-1.elb.amazonaws.com"

31 Switch to tab "Console Home | Console Home | us-east-1"

32 Click here.



33 The static website is edited.

The screenshot shows the AWS S3 bucket overview page for 'bucketlabko16'. At the top, there is a green notification bar with the text 'Edited static website hosting.' A red circle highlights the close button (X) in the top right corner of this bar. Below the bar, the bucket name 'bucketlabko16' is displayed with an 'Info' link. The 'Properties' tab is selected in the navigation menu. The 'overview' section displays the ARN 'arn:aws:s3:::bucketlabko16' and the creation date 'February 23, 2024, 00:28:40 (UTC+05:45)'. The 'Versioning' section is visible, showing a note about versioning and a 'Edit' button. The bottom of the page includes standard AWS footer links for privacy, terms, and cookie preferences.

34

Click "Objects"

The screenshot shows the AWS S3 console. At the top, there's a navigation bar with the AWS logo, a 'Services' dropdown, a search bar containing 'Search [Alt+S]', and a close button. Below the navigation is a breadcrumb trail: 'Amazon S3 > Buckets > bucketlabko16'. The main title is 'bucketlabko16' with an 'Info' link. A horizontal menu bar below the title includes 'Objects' (which is highlighted and circled in orange), 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. The main content area has a section titled 'Bucket overview' which displays the AWS Region as 'US East (N. Virginia) us-east-1' and the Amazon Resource Name (ARN) as 'arn:aws:s3:::bucketlabko16'. Below this is a section titled 'Bucket Versioning' with a descriptive text about versioning.

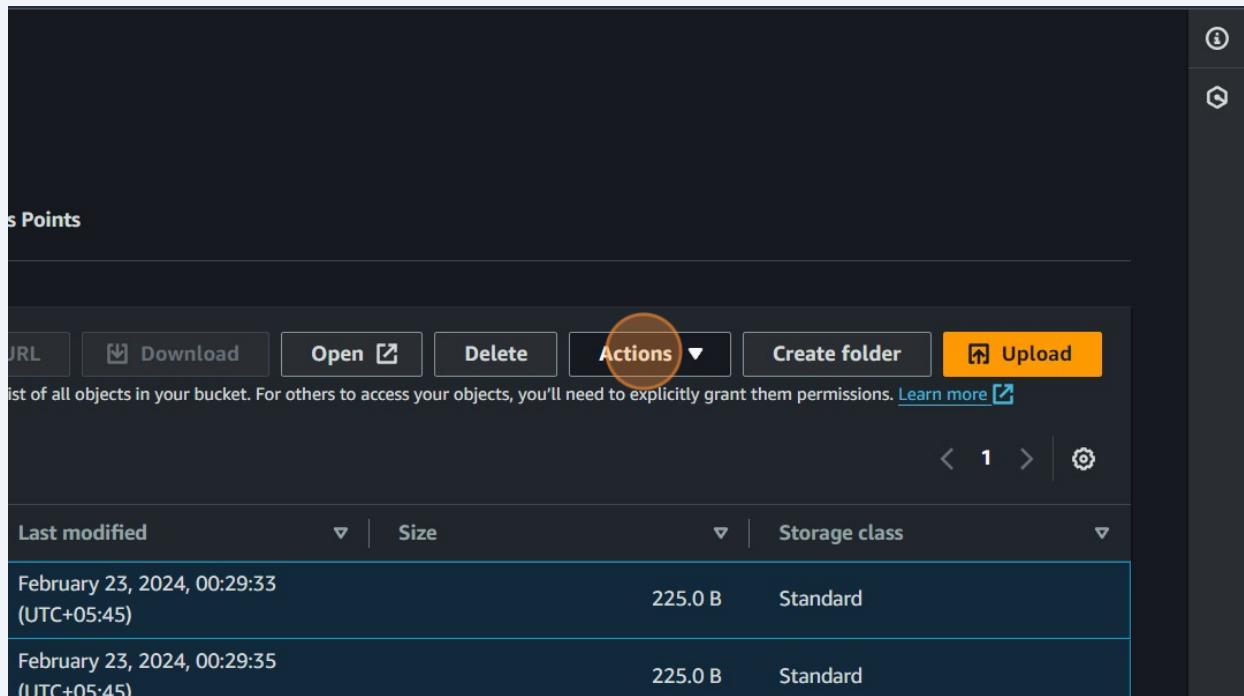
35

Select all file.

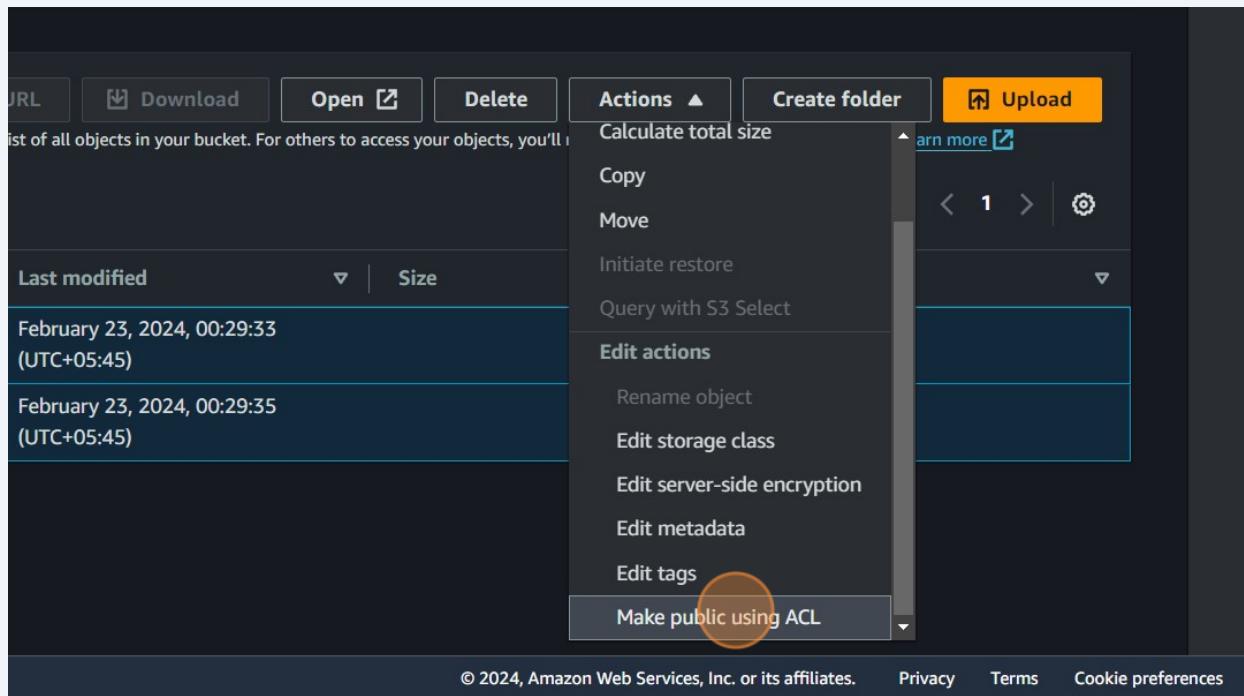
The screenshot shows the 'Objects' tab selected in the AWS S3 console. At the top, there are tabs for 'Objects' (highlighted and circled in orange), 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. Below the tabs, there's a header for 'Objects (2) Info' with buttons for 'Copy S3 URI', 'Copy URL', and 'Download'. A search bar says 'Find objects by prefix'. The main content is a table showing two objects:

	Name	Type	Last modified
<input checked="" type="checkbox"/>	error.html	html	February 23, 2024, 00:29:33 (UTC+05:45)
<input checked="" type="checkbox"/>	index.html	html	February 23, 2024, 00:29:35 (UTC+05:45)

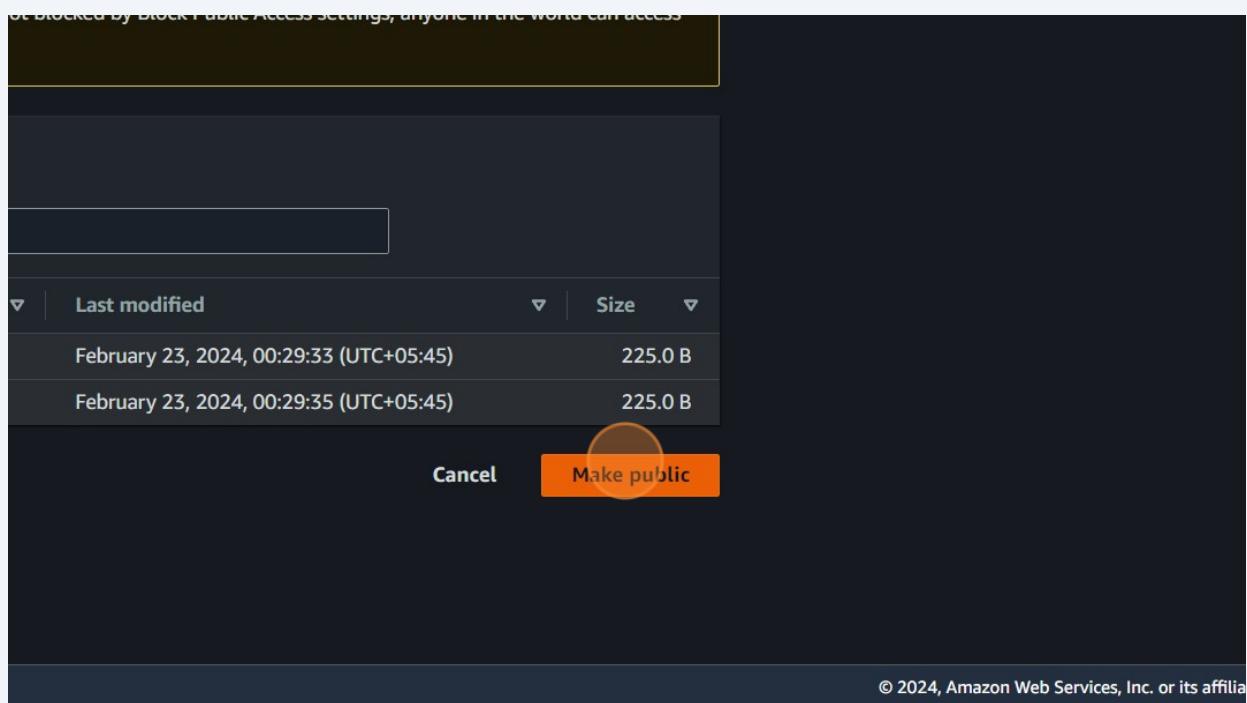
36 Click "Actions"



37 Click "Make public using ACL"



38 Click "Make public"



39 Open a new tab and paste the bucket endpoint.

40 The page is created.

Index Page

