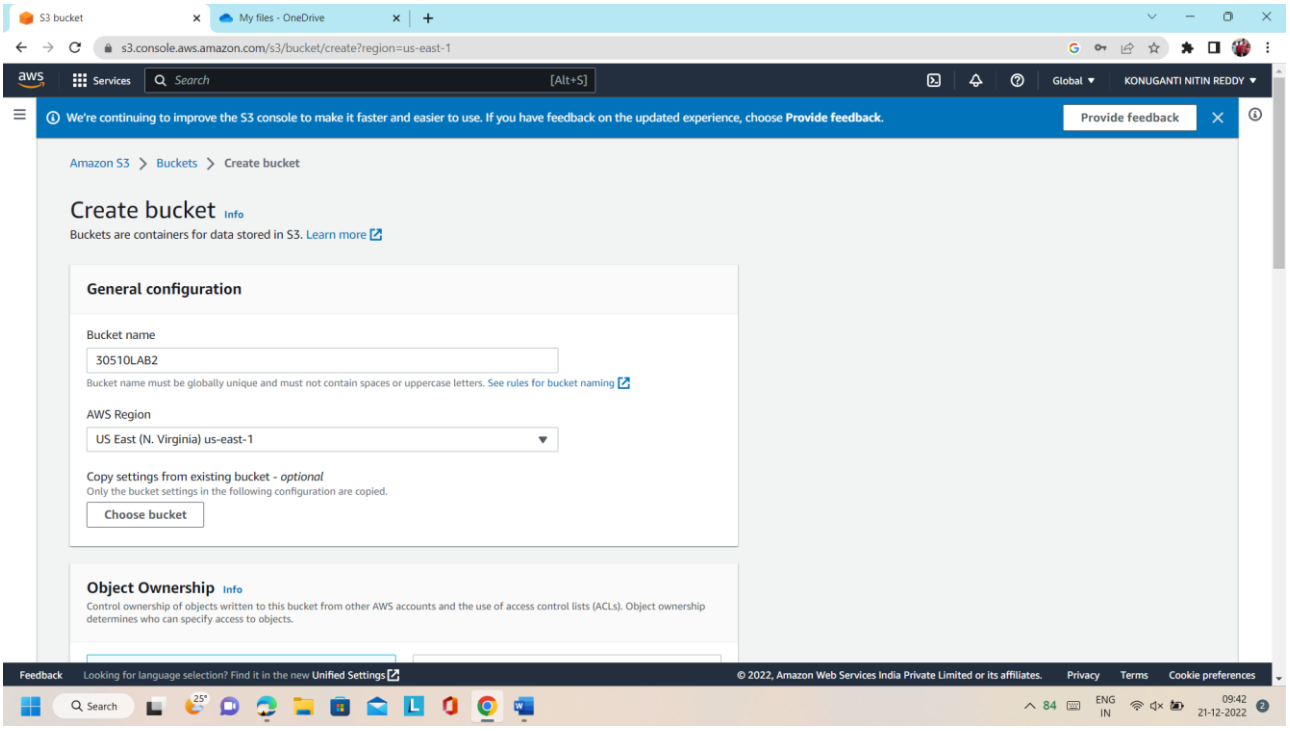
CLOUD SERVERLESS LAB-2

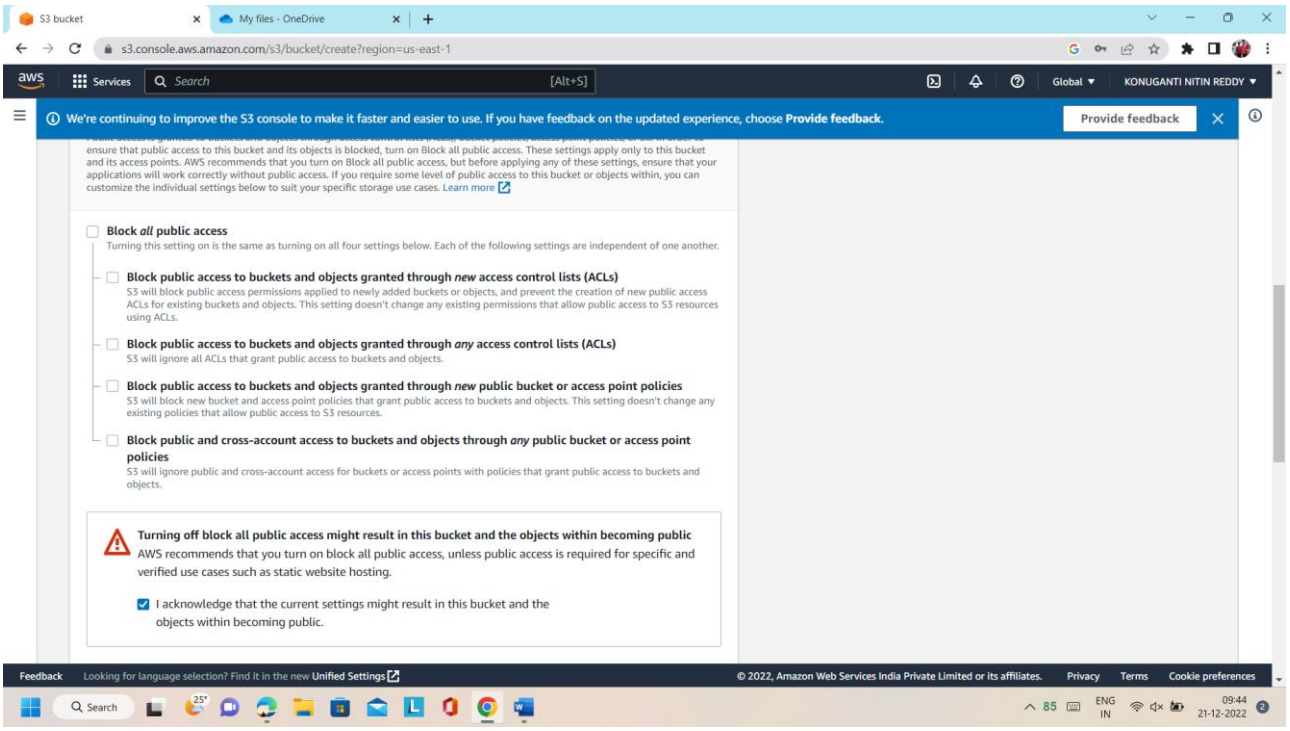
Name: K.Nitin reddy

Id:2000030510

Sec:13

Build a Static web hosting on AWS S3 bucket with name KLUNIVERSITY by creating bucket policy for grant public read access




S3 bucket
My files - OneDrive
s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1
Services
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Global
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We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose Provide feedback.
Provide feedback
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.
Feedback
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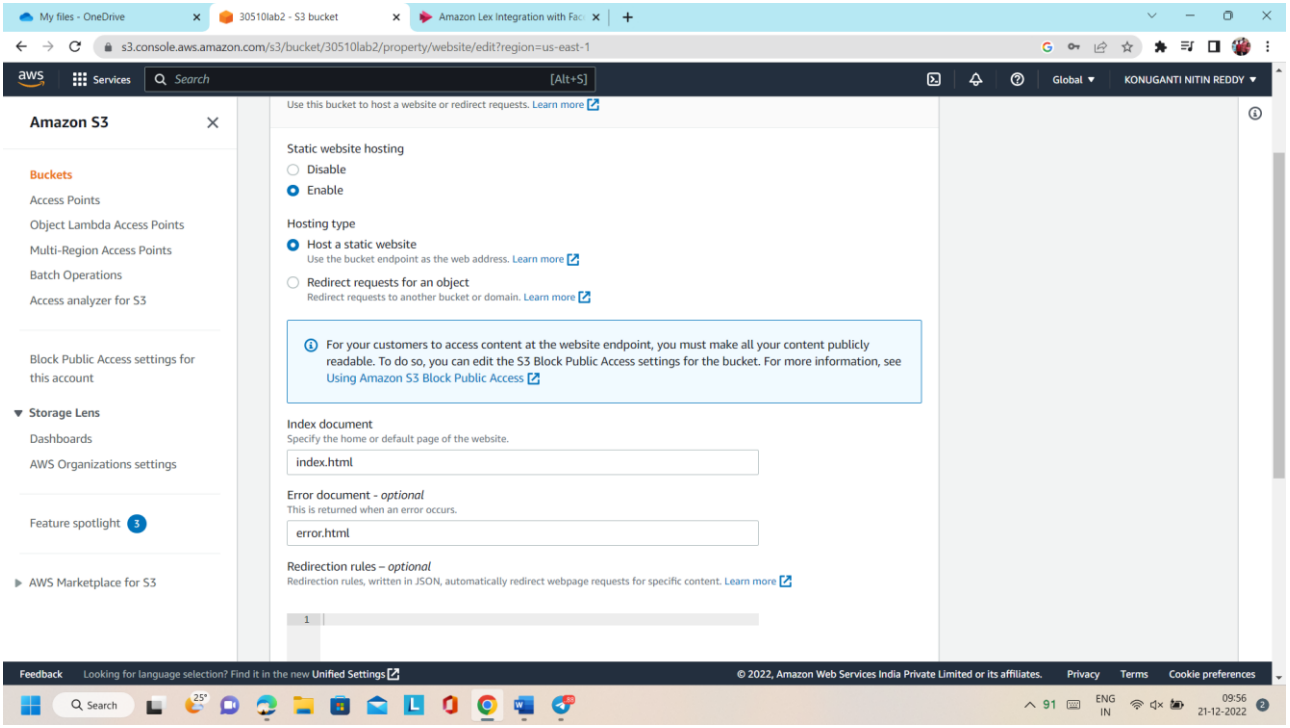
09:44
21-12-2022


My files - OneDrive
30510lab2 - S3 bucket
Amazon Lex Integration with Fac
s3.console.aws.amazon.com/s3/bucket/30510lab2/property/website/edit?region=us-east-1
Services
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Multi-Region Access Points
Batch Operations
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Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight
AWS Marketplace for S3
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
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.
index.html
Error document - optional
This is returned when an error occurs.
error.html
Redirection rules – optional
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. Learn more
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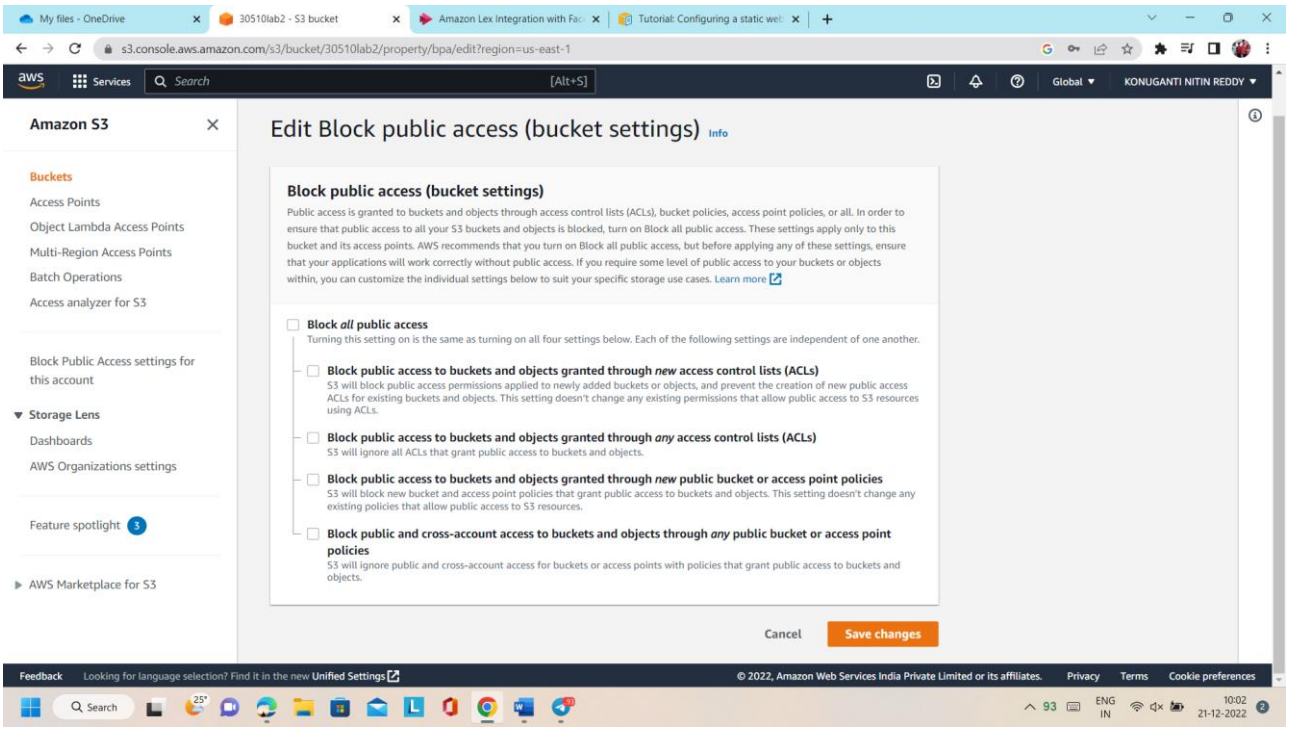
My files - OneDrive
30510lab2 - S3 bucket
Amazon Lex Integration with Fac
Tutorial: Configuring a static web
s3.console.aws.amazon.com/s3/bucket/30510lab2/property/bpa/edit?region=us-east-1
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Storage Lens
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Feature spotlight
AWS Marketplace for S3
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
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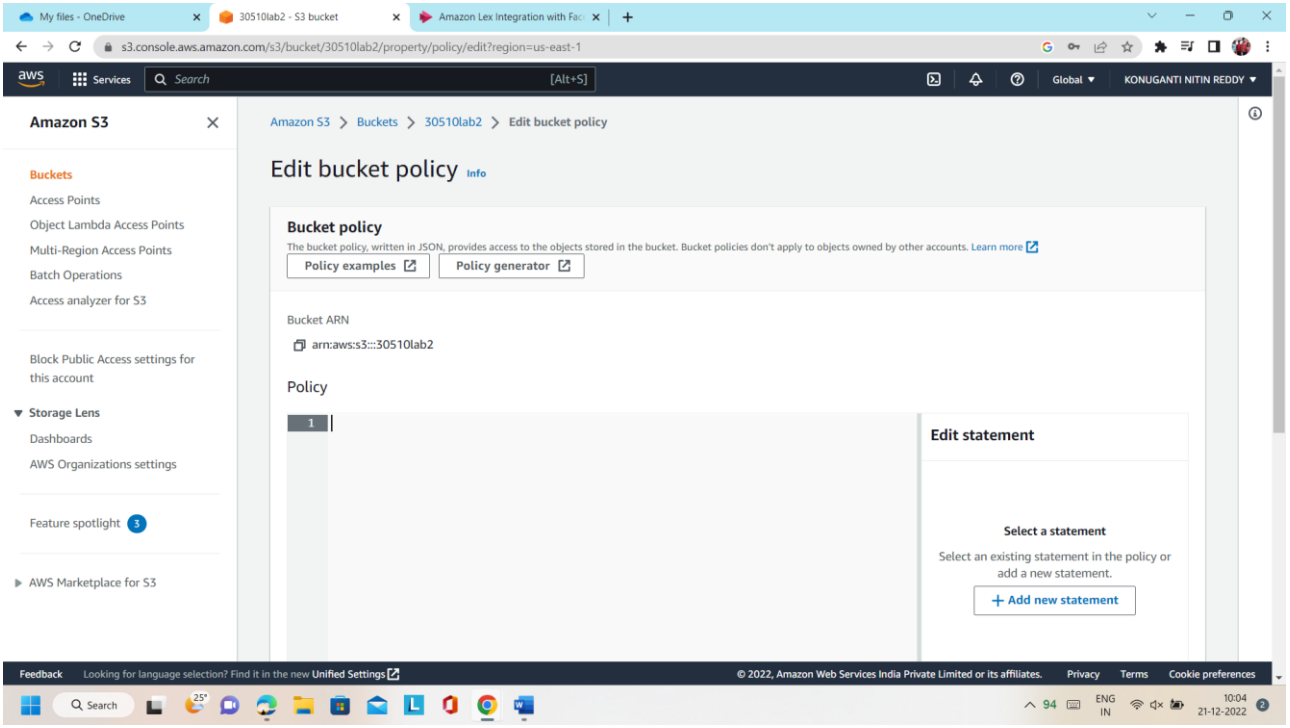
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Amazon Lex Integration with Fac
s3.console.aws.amazon.com/s3/bucket/30510lab2/property/policy/edit?region=us-east-1
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AWS Marketplace for S3
Amazon S3 > Buckets > 30510lab2 > Edit bucket policy
Edit 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:::30510lab2
Policy
1
Edit statement
Select a statement
Select an existing statement in the policy or add a new statement.
+ Add new statement
Feedback
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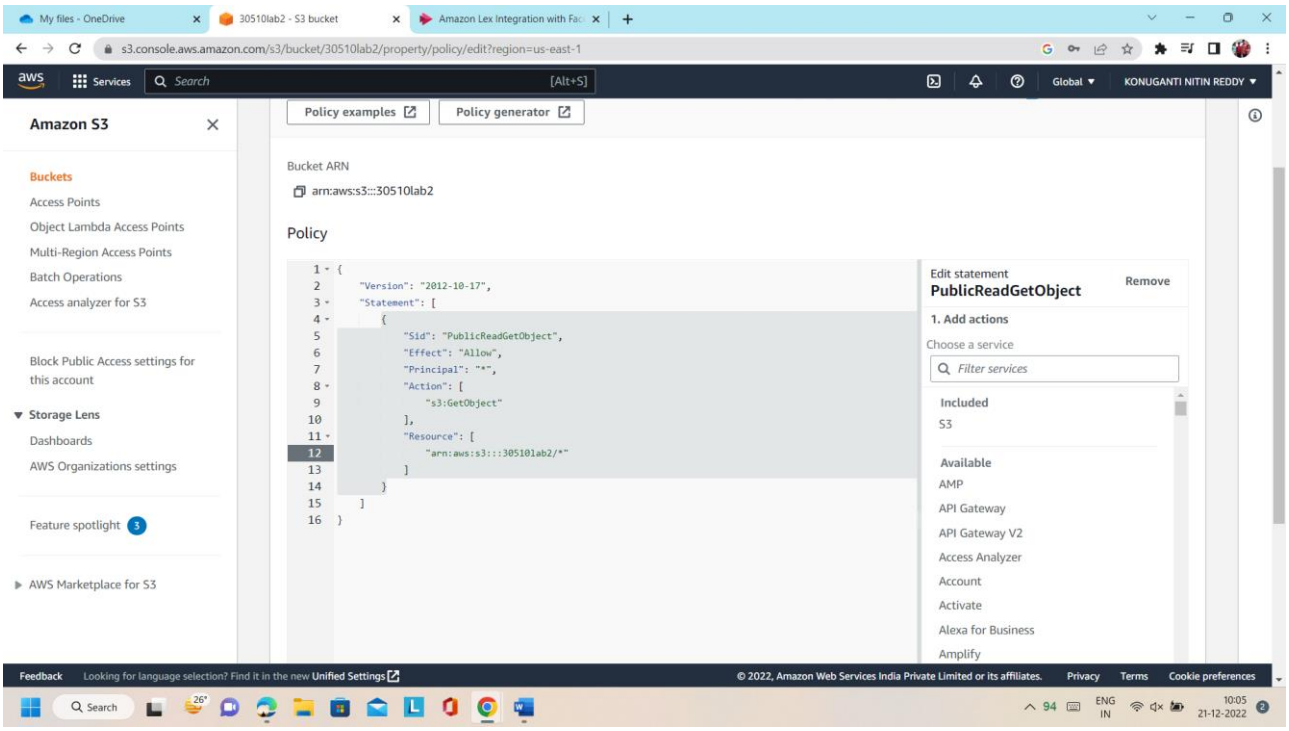
My files - OneDrive
30510lab2 - S3 bucket
Amazon Lex Integration with Fac
s3.console.aws.amazon.com/s3/bucket/30510lab2/property/policy/edit?region=us-east-1
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Amazon S3
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Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
Access analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight
AWS Marketplace for S3
Policy examples
Policy generator
Bucket ARN
arn:aws:s3:::30510lab2
Policy
{
"Version": "2012-10-17",
"Statement": [
{
"Sid": "PublicReadGetObject",
"Effect": "Allow",
"Principal": "*",
"Action": [
"s3:GetObject"
],
"Resource": [
"arn:aws:s3:::30510lab2/*"
]
}
]
}
Edit statement
PublicReadGetObject
Remove
1. Add actions
Choose a service
Filter services
Included
S3
Available
AMP
API Gateway
API Gateway V2
Access Analyzer
Account
Activate
Alexa for Business
Amplify
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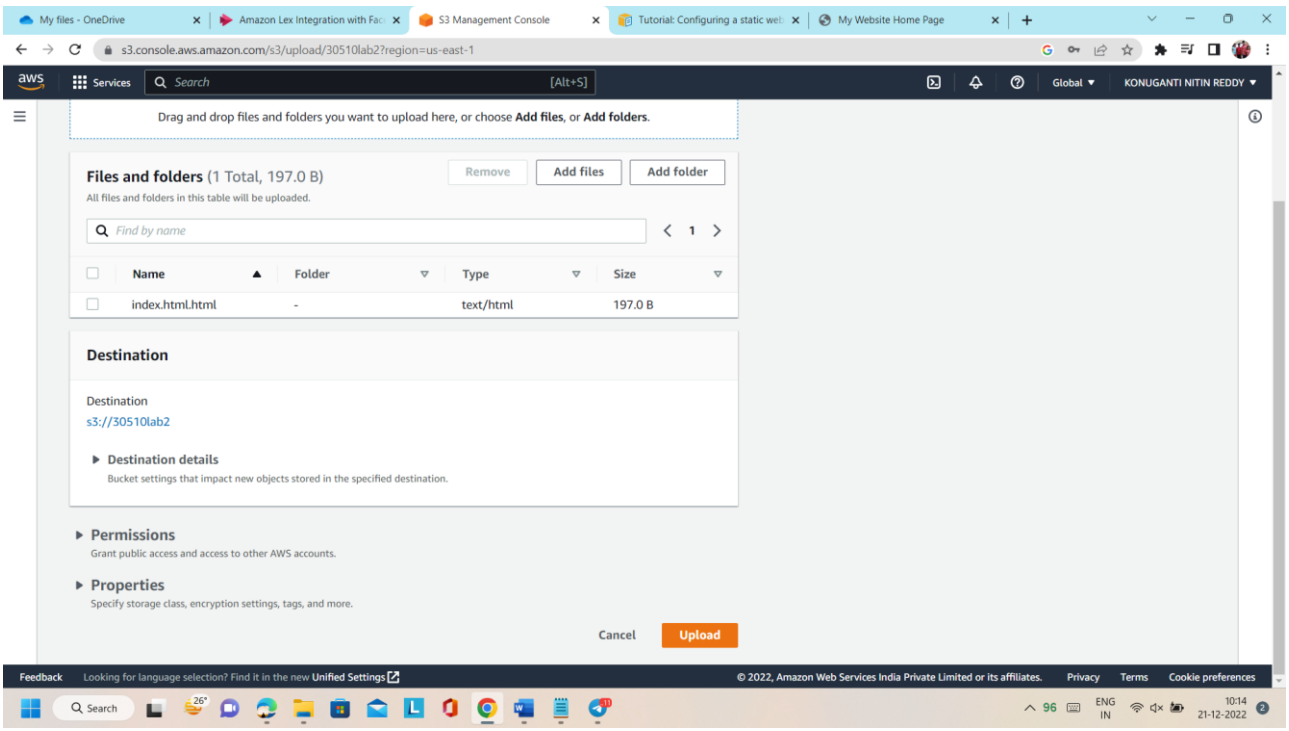
My files - OneDrive
Amazon Lex Integration with Fac
S3 Management Console
Tutorial: Configuring a static web
My Website Home Page
s3.console.aws.amazon.com/s3/upload/30510lab2?region=us-east-1
Services
Search
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Global
KONUGANTI NITIN REDDY
Drag and drop files and folders you want to upload here, or choose Add files, or Add folders.
Files and folders (1 Total, 197.0 B)
All files and folders in this table will be uploaded.
Remove
Add files
Add folder
Find by name
1
Name
Folder
Type
Size
index.html.html
-
text/html
197.0 B
Destination
Destination
s3://30510lab2
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
Feedback
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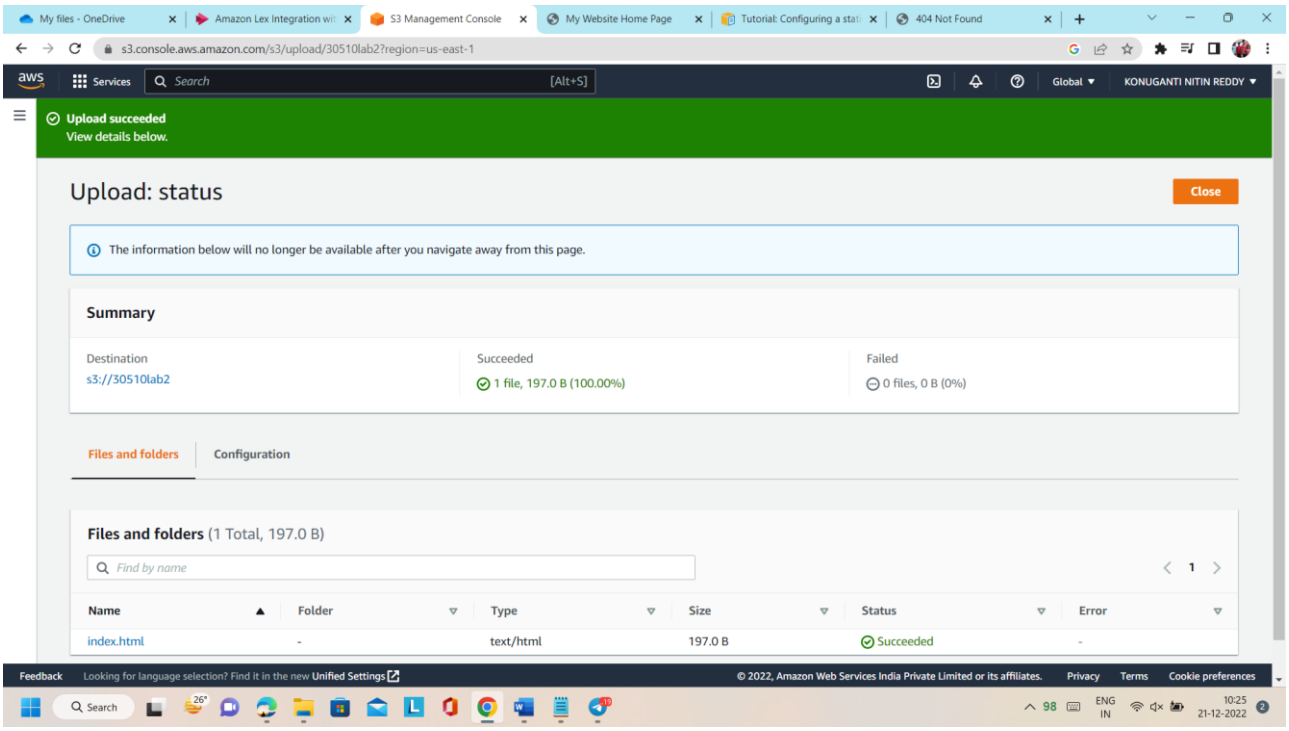
My files - OneDrive
Amazon Lex Integration wit
S3 Management Console
My Website Home Page
Tutorial: Configuring a stat
404 Not Found
s3.console.aws.amazon.com/s3/upload/30510lab2?region=us-east-1
aws
Services
Search
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Global
KONUGANTI NITIN REDDY
Upload succeeded
View details below.
Upload: status
Close
The information below will no longer be available after you navigate away from this page.
Summary
Destination
s3://30510lab2
Succeeded
1 file, 197.0 B (100.00%)
Failed
0 files, 0 B (0%)
Files and folders
Configuration
Files and folders (1 Total, 197.0 B)
Find by name
Name
Folder
Type
Size
Status
Error
index.html
-
text/html
197.0 B
Succeeded
-
Feedback
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Search
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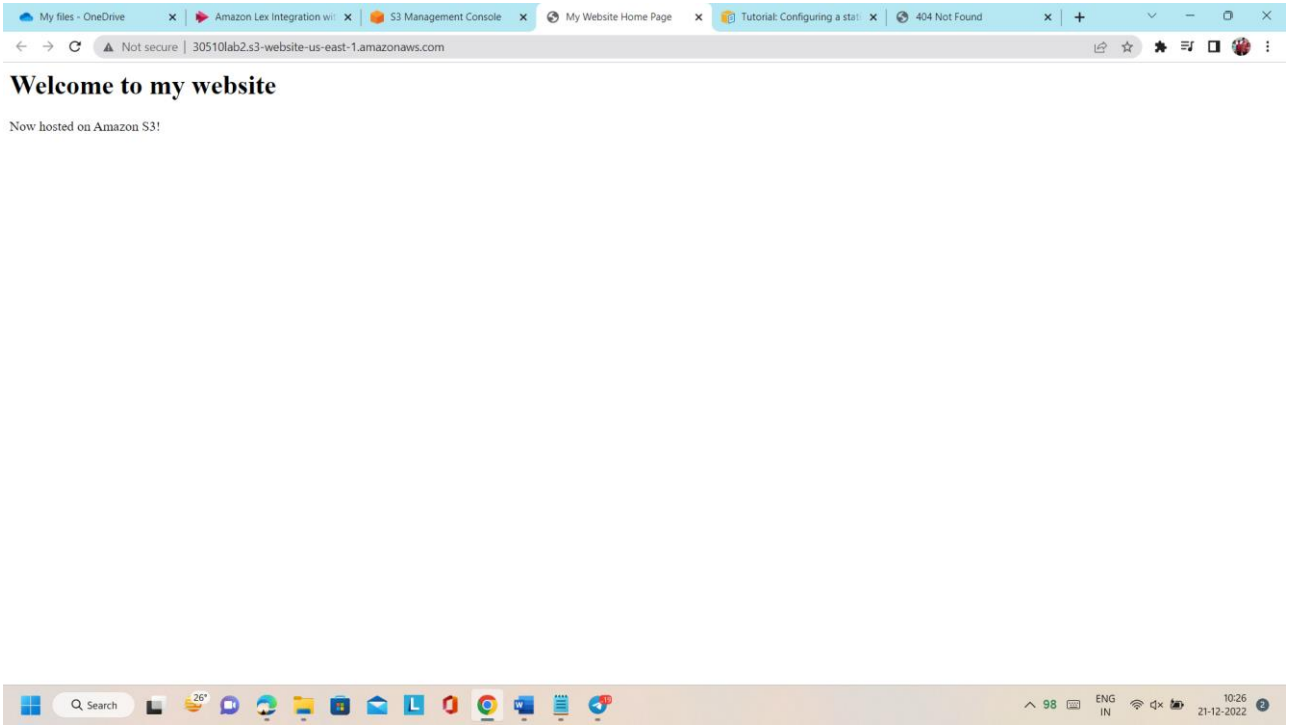
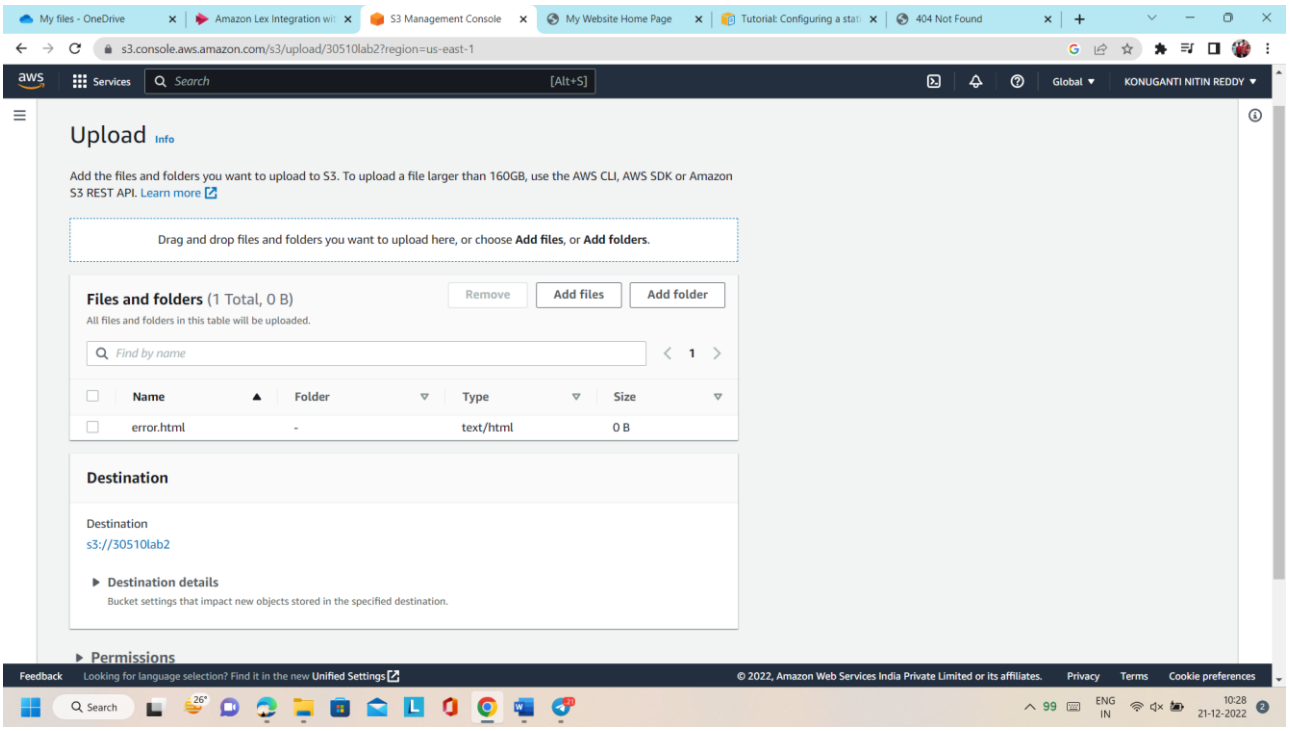

My files - OneDrive
Amazon Lex Integration wit
S3 Management Console
My Website Home Page
Tutorial: Configuring a stat
404 Not Found
Not secure | 30510lab2.s3-website-us-east-1.amazonaws.com
Welcome to my website
Now hosted on Amazon S3!
Search
ENG
IN
10:26
21-12-2022


My files - OneDrive
Amazon Lex Integration wit
S3 Management Console
My Website Home Page
Tutorial: Configuring a stati
404 Not Found
s3.console.aws.amazon.com/s3/upload/30510lab2?region=us-east-1
aws
Services
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[Alt+S]
Global
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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 folders.
Files and folders (1 Total, 0 B)
All files and folders in this table will be uploaded.
Remove
Add files
Add folder
Find by name
1
Name
Folder
Type
Size
error.html
-
text/html
0 B
Destination
Destination
s3://30510lab2
Destination details
Bucket settings that impact new objects stored in the specified destination.
Permissions
Feedback
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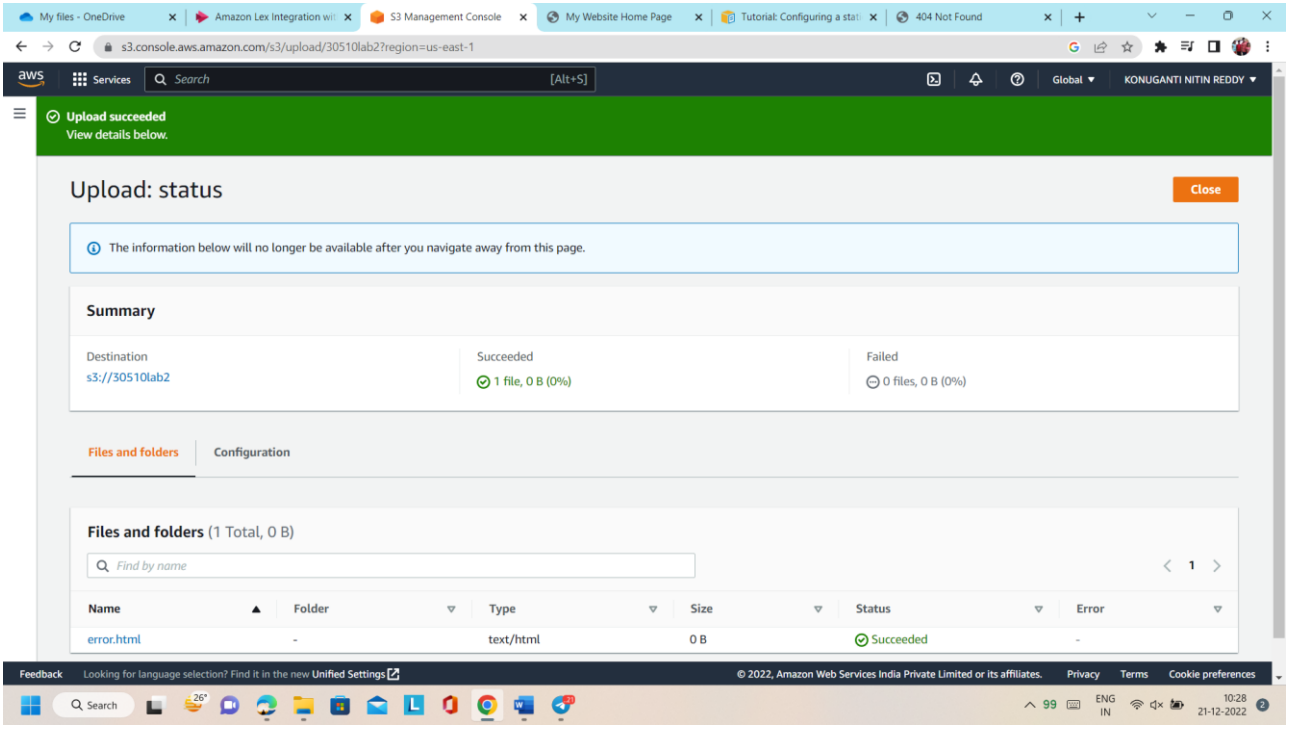
My files - OneDrive
Amazon Lex Integration wit
S3 Management Console
My Website Home Page
Tutorial: Configuring a stati
404 Not Found
s3.console.aws.amazon.com/s3/upload/30510lab2?region=us-east-1
aws
Services
Search
[Alt+S]
Global
KONUGANTI NITIN REDDY
Upload succeeded
View details below.
Upload: status
Close
The information below will no longer be available after you navigate away from this page.
Summary
Destination
s3://30510lab2
Succeeded
1 file, 0 B (0%)
Failed
0 files, 0 B (0%)
Files and folders
Configuration
Files and folders (1 Total, 0 B)
Find by name
1
Name
Folder
Type
Size
Status
Error
error.html
-
text/html
0 B
Succeeded
-
Feedback
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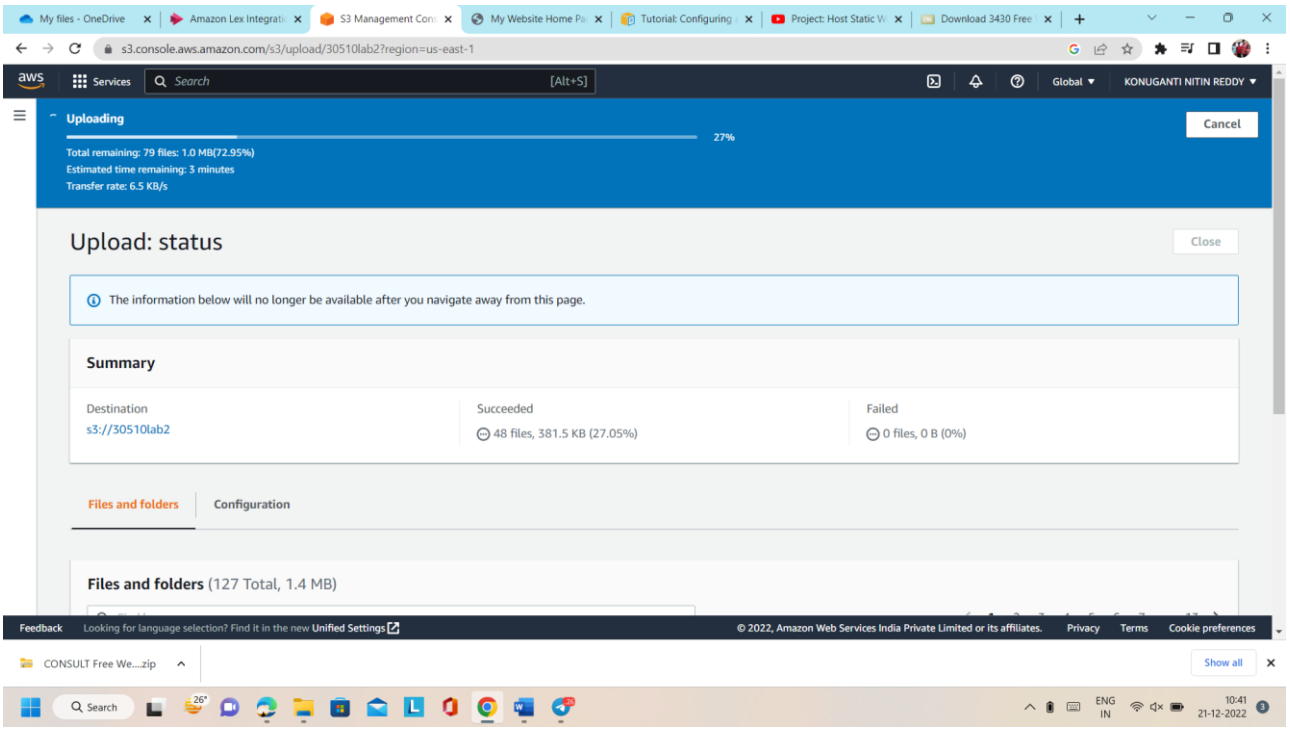
21-12-2022


s3.console.aws.amazon.com/s3/upload/30510lab2?region=us-east-1
Uploading
27%
Cancel
Total remaining: 79 files: 1.0 MB(72.95%)
Estimated time remaining: 3 minutes
Transfer rate: 6.5 KB/s
Upload: status
Close
The information below will no longer be available after you navigate away from this page.
Summary
Destination
s3://30510lab2
Succeeded
48 files, 381.5 KB (27.05%)
Failed
0 files, 0 B (0%)
Files and folders
Configuration
Files and folders (127 Total, 1.4 MB)
Feedback
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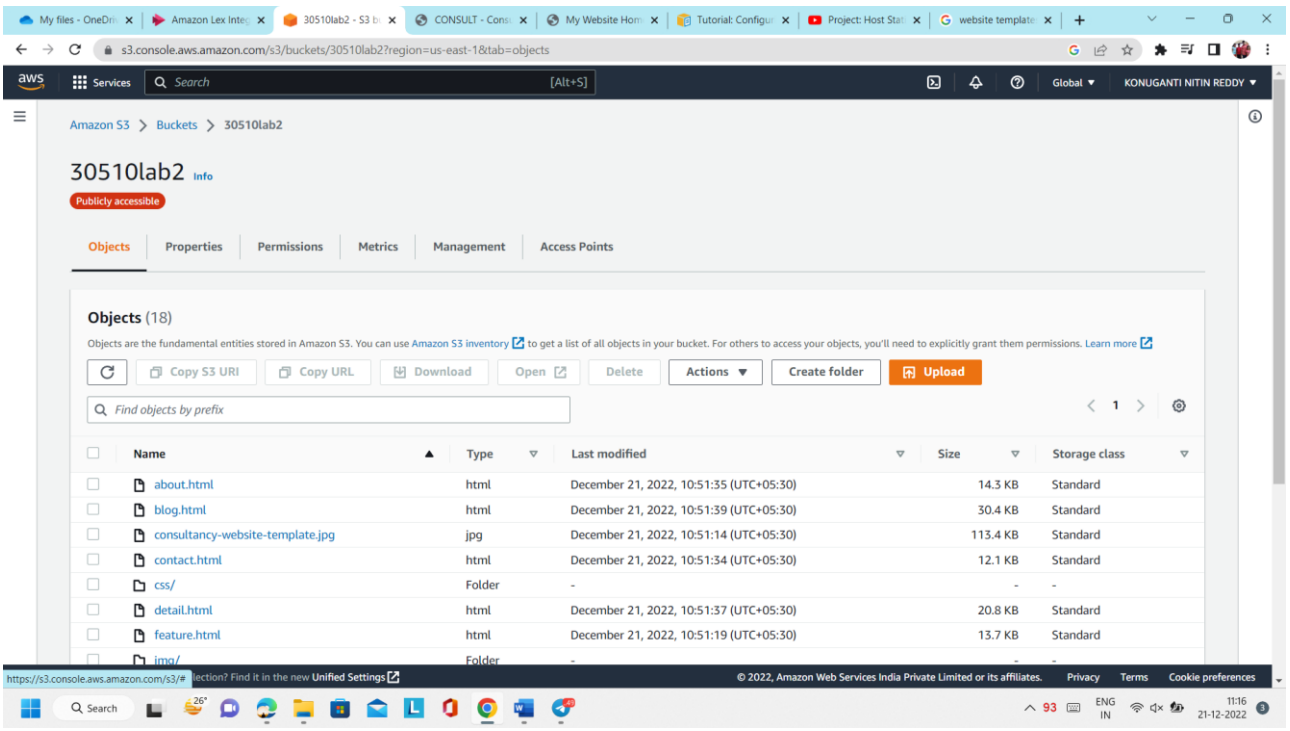
Show all


s3.console.aws.amazon.com/s3/buckets/30510lab2?region=us-east-1&tab=objects
Amazon S3 > Buckets > 30510lab2
30510lab2 Info
Publicly accessible
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (18)
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
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Find objects by prefix
Name
Type
Last modified
Size
Storage class
about.html
html
December 21, 2022, 10:51:35 (UTC+05:30)
14.3 KB
Standard
blog.html
html
December 21, 2022, 10:51:39 (UTC+05:30)
30.4 KB
Standard
consultancy-website-template.jpg
jpg
December 21, 2022, 10:51:14 (UTC+05:30)
113.4 KB
Standard
contact.html
html
December 21, 2022, 10:51:34 (UTC+05:30)
12.1 KB
Standard
css/
Folder
detail.html
html
December 21, 2022, 10:51:37 (UTC+05:30)
20.8 KB
Standard
feature.html
html
December 21, 2022, 10:51:19 (UTC+05:30)
13.7 KB
Standard
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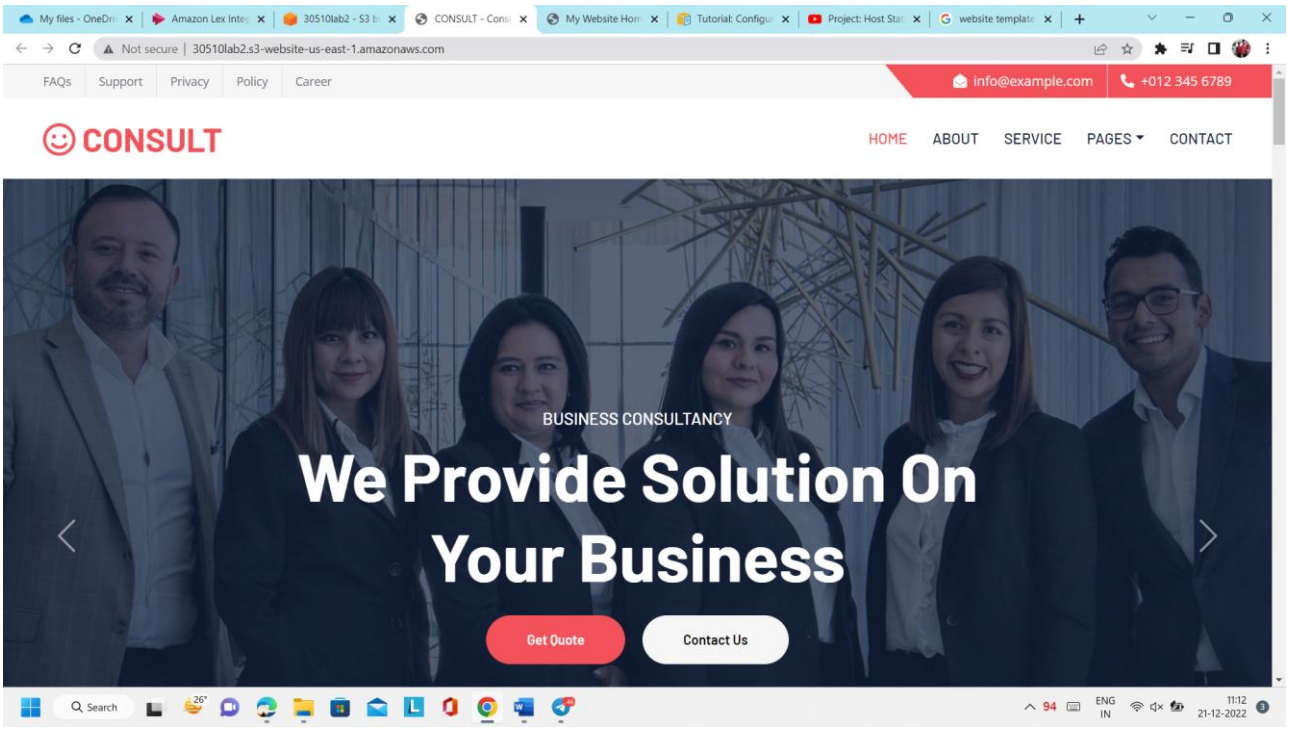

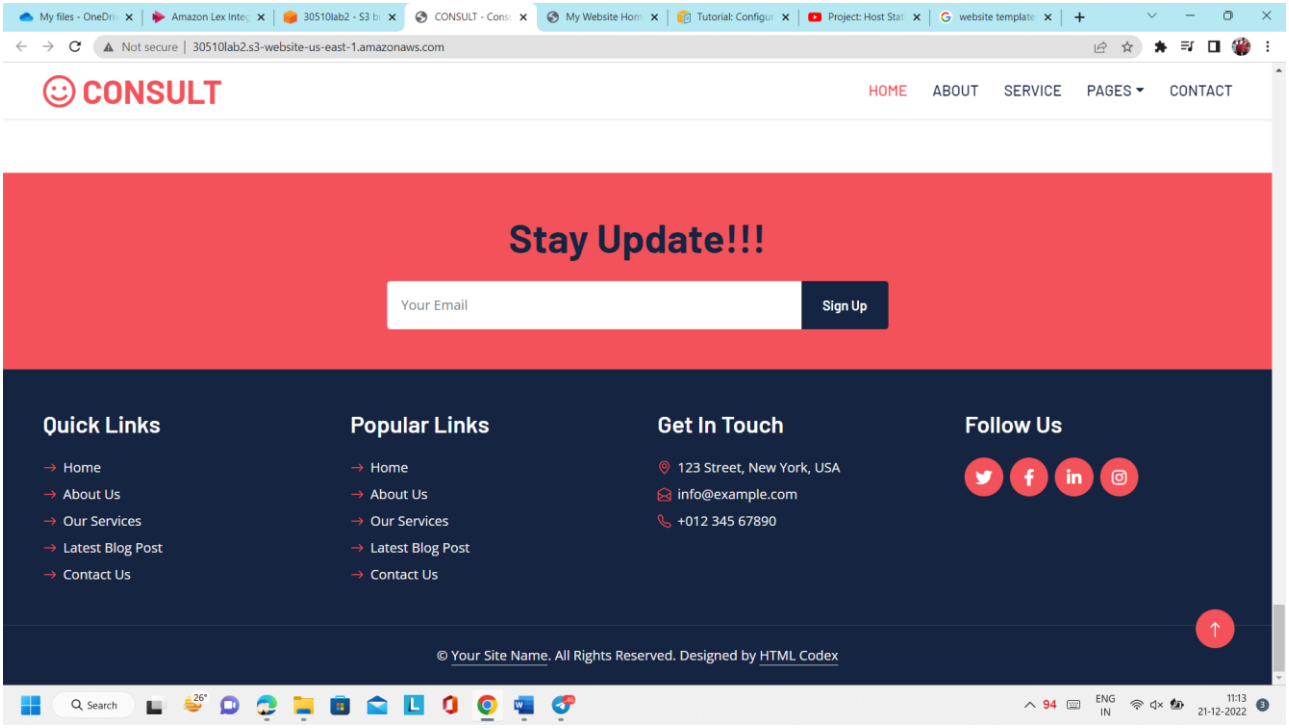

http://30510lab2.s3-website-us-east-1.amazonaws.com/