


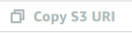
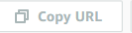
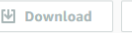





## Created s3 bucket:

Amazon S3 > Buckets > textsentimentanalysis-sooryaproject


### textsentimentanalysis-sooryaproject Info Publicly accessible


[Objects](#) | [Properties](#) | [Permissions](#) | [Metrics](#) | [Management](#) | [Access Points](#)

**Objects (1)** Info

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](#)



< 1 > 

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 error.html	html	February 1, 2024, 09:28:36 (UTC+01:00)	263.0 B	Standard


## Policy for read access:

### 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](#)


```
{
  "Version": "2012-10-17",
  "Id": "Policy1616691635283",
  "Statement": [
    {
      "Sid": "Stmt1616691630099",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::textsentimentanalysis-sooryaproject/*"
    }
  ]
}
```

 Copy

## Hosted static website


### Static website hosting

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



Static website hosting  
Enabled  
Hosting type  
Bucket hosting  
Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

 <http://textsentimentanalysis-sooryaproject.s3-website-eu-west-1.amazonaws.com>

## Website can be access from:

<http://textsentimentanalysis-sooryaproject.s3-website-eu-west-1.amazonaws.com>

## Automate deployment using code commit and code deployment:

### Added policies for code build & code pipeline:

Permissions policies (6)







Permissions are defined by policies attached to the user directly or through groups.

Search

Filter by Type

All types

< 1 > ⚙

<input type="checkbox"/>	Policy name <a href="#">↗</a>	Type	Attached via <a href="#">↗</a>
<input type="checkbox"/>	 <a href="#">AdministratorAccess</a>	AWS managed - job function	Group <a href="#">Students</a>
<input type="checkbox"/>	 <a href="#">AmazonEC2FullAccess</a>	AWS managed	Directly
<input type="checkbox"/>	 <a href="#">AmazonS3FullAccess</a>	AWS managed	Directly
<input type="checkbox"/>	 <a href="#">AWSCodeBuildAdminAccess</a>	AWS managed	Directly
<input type="checkbox"/>	 <a href="#">AWSCodePipeline_FullAccess</a>	AWS managed	Directly
<input type="checkbox"/>	 <a href="#">sooryas3puts3bucketpolicy</a>	Customer managed	Directly


### Generate credentials for GIT repository access:

HTTPS Git credentials for AWS CodeCommit (1)

Actions

Generate credentials

Generate a user name and password you can use to authenticate HTTPS connections to AWS CodeCommit repositories. You can have a maximum of 2 sets of credentials (active or inactive) at a time. [Learn more](#) [↗](#)

	User name	Created	Status
<input type="radio"/>	user09-at-609980354649	14 hours ago	 Active

**USERNAME:**user09-at-609980354649

**PASSWORD:**igT1YB+kpGHAiXDYSqdaQvZBo+A0HLUscHp/Pke5zXk=

Code commit repo:

Created repository :

Repository name: soorya-textanalysishtml-iac

Pushed the file from local to git repository

```
soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git add .

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git commit -m "files"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'soorya@DESKTOP-QNFDSJC.(none)')

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ ^C

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git config user.email "sooryakuppuswamy@gmail.com"

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git config user.name "soorya"

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git commit -m "final"
[master (root-commit) f9943fa] final
 2 files changed, 77 insertions(+)
 create mode 100644 error.html
 create mode 100644 index.html

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.18 KiB | 402.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Validating objects: 100%
To https://git-codecommit.eu-west-1.amazonaws.com/v1/repos/soorya-textanalysishtml-iac
 * [new branch]      master -> master

soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ |
```

[Developer Tools](#) > [CodeCommit](#) > [Repositories](#) > soorya-textanalysishtml-iac

## soorya-textanalysishtml-iac

Reference

 Notify ▼

master ▼

Create pull request

Clone URL ▼

soorya-textanalysishtml-iac [Info](#)

Add file ▼

	Name
	<a href="#">error.html</a>
	<a href="#">index.html</a>



### Setup pipeline:

[Developer Tools](#) > [CodePipeline](#) > [Pipelines](#) > Create new pipeline

Step 1  
Choose pipeline settings

Step 2  
[Add source stage](#)

Step 3  
[Add build stage](#)

Step 4  
[Add deploy stage](#)

Step 5  
**Review**

## Review [Info](#)

Step 5 of 5

### Step 1: Choose pipeline settings

#### Pipeline settings

Pipeline name  
soorya-textanalysishtml-iacpipeline

Pipeline type  
V2

Artifact location  
codepipeline-eu-west-1-336148154653

Service role name  
AWSCodePipelineServiceRole-eu-west-1-soorya-textanalysishtml-ia

#### Variables

Name	Default value	Description
------	---------------	-------------

No variables

No variables defined at the pipeline level in this pipeline.

### Step 2: Add source stage

Source action provider
Source action provider
AWS CodeCommit
RepositoryName
soorya-textanalysishtml-iac
BranchName
master
PollForSourceChanges
false
OutputArtifactFormat
CODE_ZIP

### Step 3: Add build stage

Build action provider
Build stage
No build

### Step 4: Add deploy stage

### Step 4: Add deploy stage

Deploy action provider
Deploy action provider
Amazon S3
Extract
true
BucketName
textsentimentanalysis-sooryaproject

Cancel

Previous

Create pipeline

Deploy:

# soorya-textanalysishtml-iacpipeline

Notify ▼

Ec

Pipeline type: **V2**

## Source In progress

Pipeline execution ID: [76dee4f2-de9c-4676-9121-eb01323b0d20](#)

Source

[AWS CodeCommit](#)

In progress - Just now

[View details](#)

Disable transition

## Deploy Didn't Run

Deploy

[Amazon S3](#)

Didn't Run

No executions yet

## Successful deployment:

The screenshot displays the AWS CodePipeline console for a pipeline execution with ID `76dee4f2-de9c-4676-9121-eb01323b0d20`. The pipeline consists of two stages: **Source** and **Deploy**, both of which have succeeded.

**Source Stage:**

- Status: Succeeded
- Provider: [AWS CodeCommit](#)
- Run ID: `f9943faa`
- Completion time: Just now
- Button: [View details](#)

**Deploy Stage:**

- Status: Succeeded
- Provider: [Amazon S3](#)
- Run ID: `f9943faa`
- Completion time: Just now
- Button: [View details](#)

A **Disable transition** button is visible between the two stages, indicating the pipeline is currently paused.

## Code commit files deployed in s3 bucket

The screenshot shows the Amazon S3 console for the bucket `textsentimentanalysis-sooryaproject`. The bucket is publicly accessible. The **Objects** tab is selected, showing a list of two objects: `error.html` and `index.html`.

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">error.html</a>	html	February 1, 2024, 10:10:01 (UTC+01:00)	250.0 B	Standard
<input type="checkbox"/>	<a href="#">index.html</a>	html	February 1, 2024, 10:10:01 (UTC+01:00)	2.1 KB	Standard

Try to access website:

# Text Analysis using AWS Comprehend

How are you feeling today ?

enter

viewresult

Making some changes in html file:

```
<title>Text Analysis</title>
</head>
<body style="background-color: powderblue;">
  <h1>Text Analysis using AWS Comprehend</h1>
  <form>
    <p><label for="mood">How are you feeling today ?</label></p>
    <textarea id="mood" name="mood" rows="5" cols="50"> </textarea>
    <br>
  </form>
  <div id="img_home"></div>
```

Committing the changes:

```
soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")
```



Pushed changes to repo:

```
soorya@DESKTOP-QNFDSJC MINGW64 ~/Desktop/code-commit/soorya-textanalysishtml-iac (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 346 bytes | 346.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Validating objects: 100%
To https://git-codecommit.eu-west-1.amazonaws.com/v1/repos/soorya-textanalysishtml-iac
f9943fa..cfae6e0 master -> master
```

Changes reflected:

## Text Analysis using AWS Comprehend

How are you feeling today ?

enter

viewresult

Thus automated deployment process using code commit & pipeline