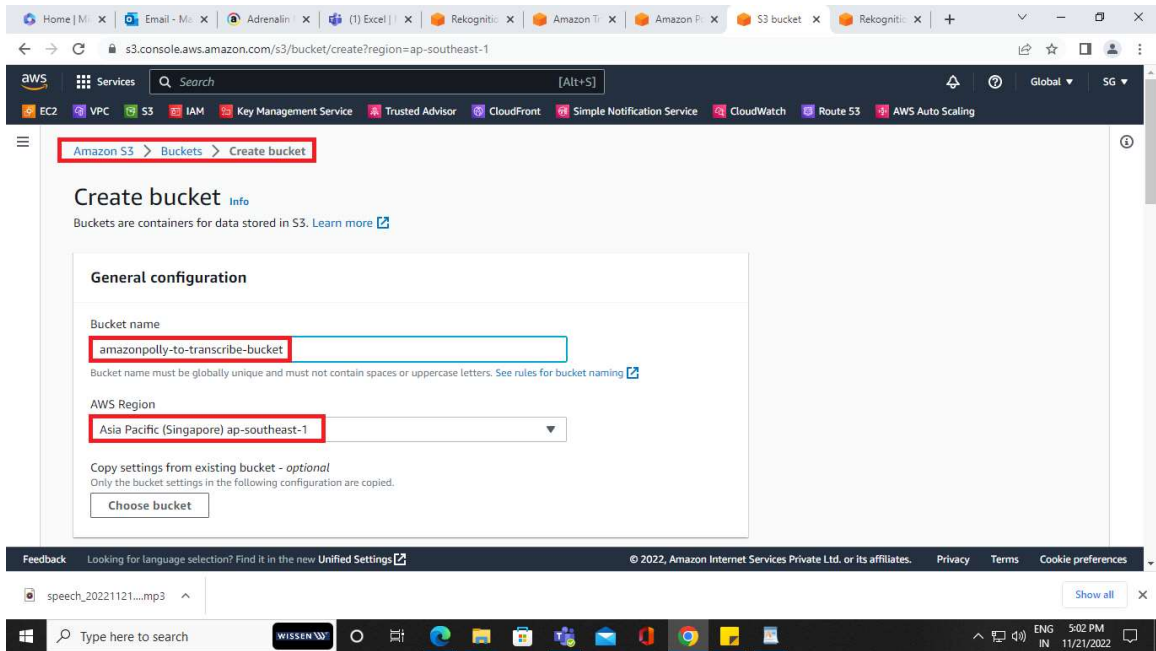


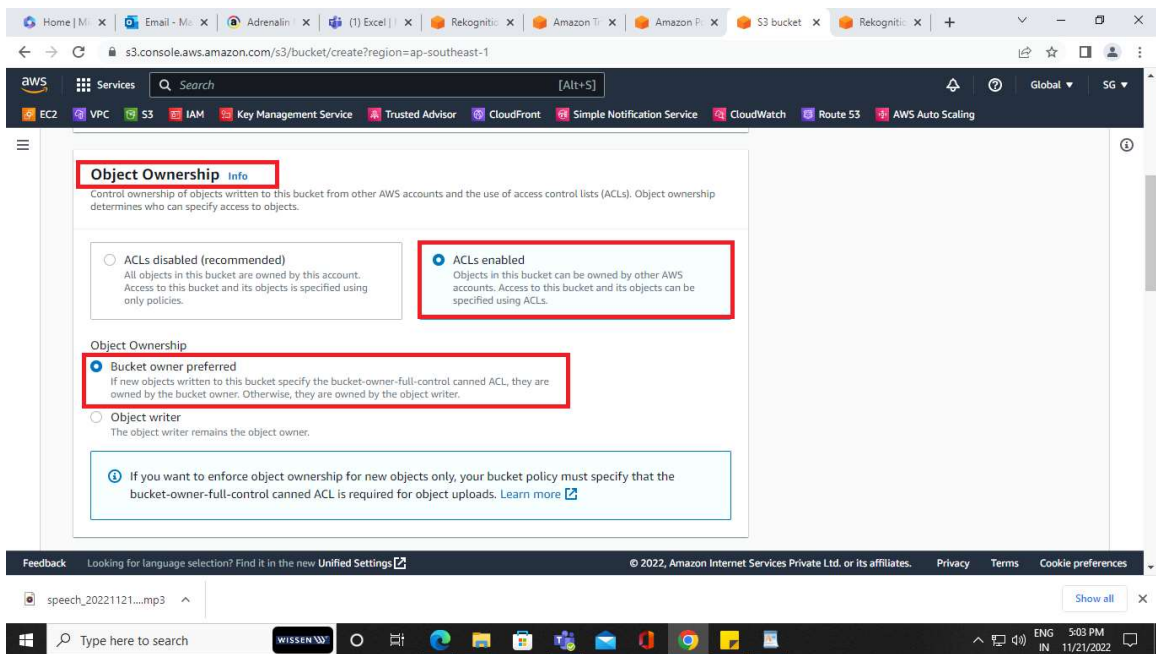
TASK-Amazon Polly to Amazon Transcribe

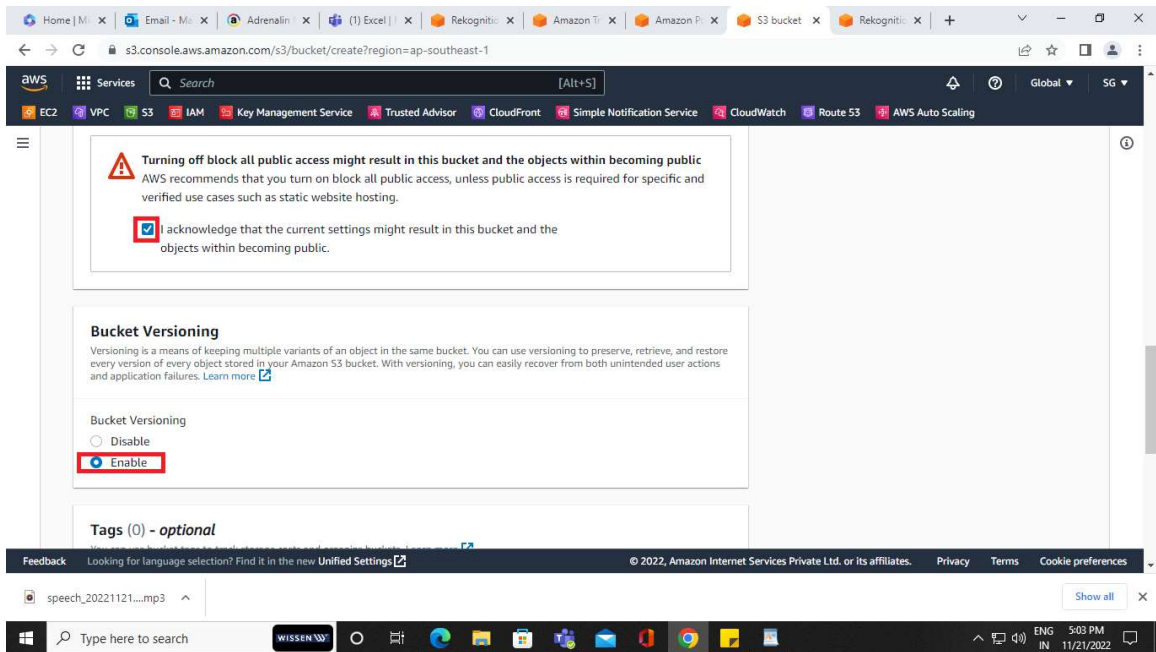
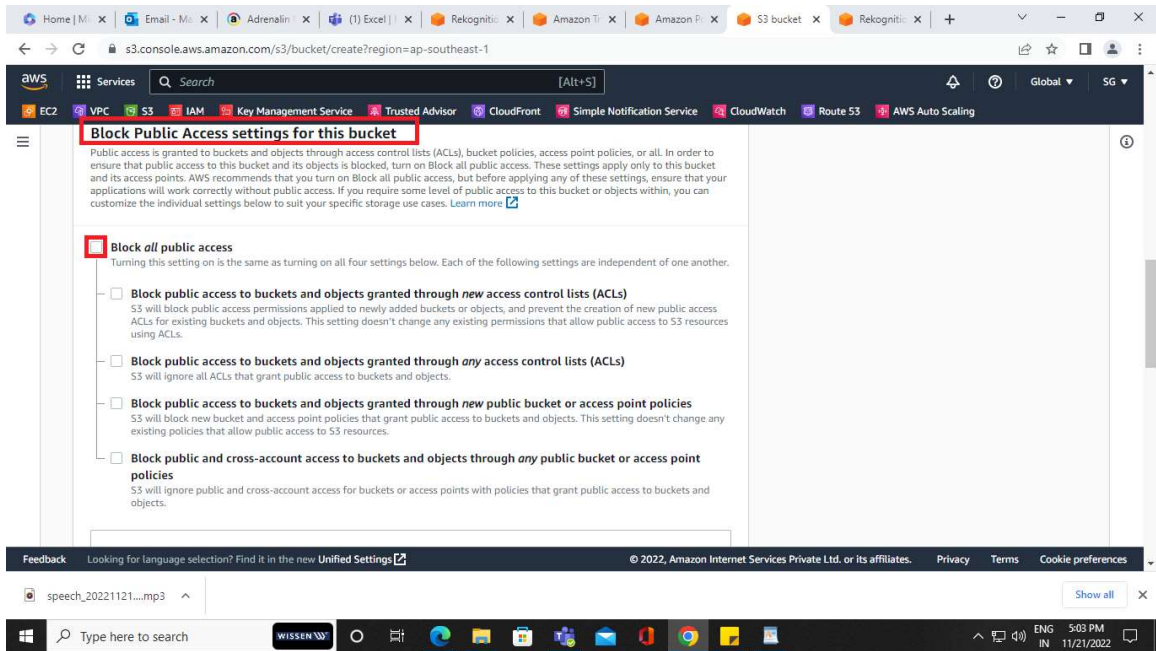
Step-1: Creation of audio with the help of Amazon Polly

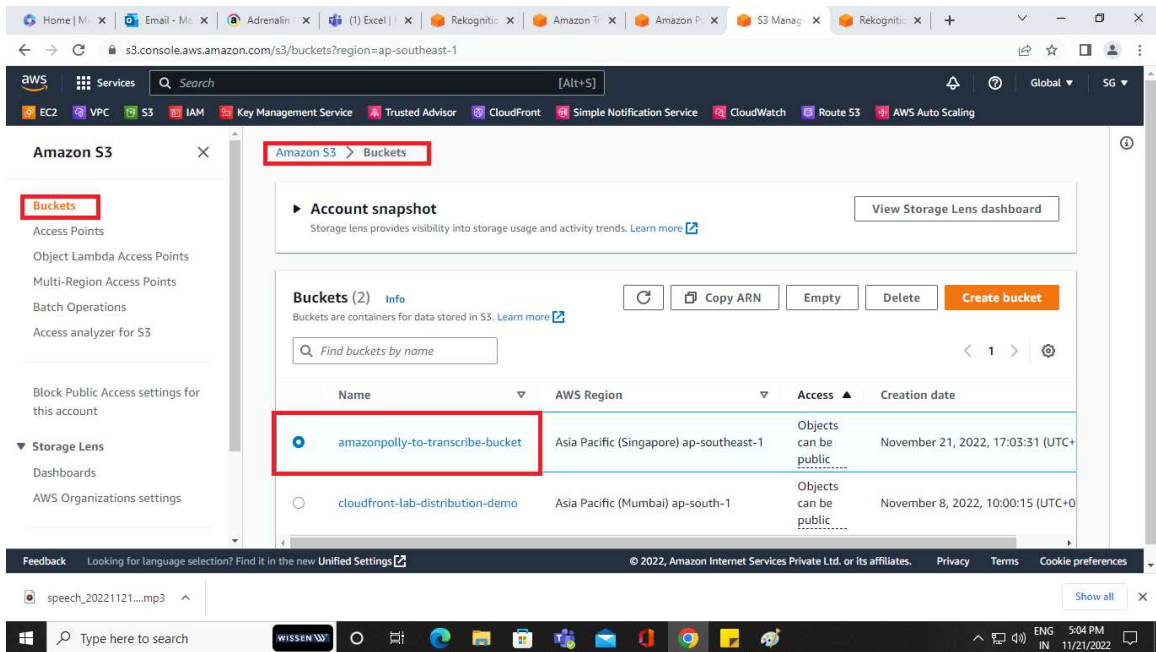
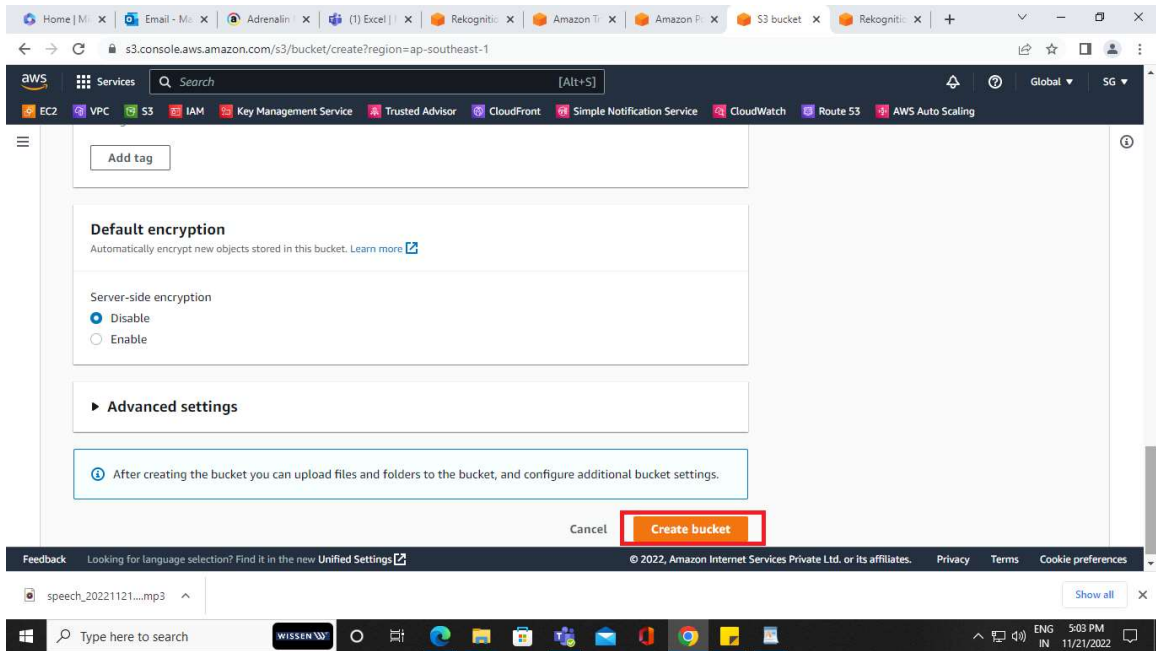
The image shows two screenshots of the Amazon Polly console. The top screenshot displays the main Polly page with the heading "Amazon Polly Turn text into lifelike speech using deep learning". A "Try Polly" button is highlighted with a red box. The bottom screenshot shows the "SynthesizeSpeech" page. The "Amazon Polly > Text-to-Speech" breadcrumb is highlighted with a red box. In the "Text-to-Speech" section, the "Engine" is set to "Neural" (highlighted with a red box), the "Language" is "English, US" (highlighted with a red box), and the "Voice" is "Salli, Female". The "Input text" field contains "Hi! My name is Salli. I will read any text you type here." (highlighted with a red box). The "Download" button is highlighted with a red box. At the bottom, the generated audio file "speech_20221121...mp3" is highlighted with a red box.



step-2:creation of s3 bucket for uploading audio file







Home | Mail | Email - Mail | Adrenalin | (1) Excel | Rekognition | Amazon T | Amazon P | amazonp | Rekognition | +

s3.console.aws.amazon.com/s3/buckets/amazonpolly-to-transcribe-bucket?region=ap-southeast-1&tab=objects

Services Search [Alt+S]

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon S3 Buckets amazonpolly-to-transcribe-bucket

Buckets

- 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

amazonpolly-to-transcribe-bucket Info

Objects Properties Permissions Metrics Management Access Points

Objects (0)

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](#)

[Refresh](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#)

[Create folder](#) [Upload](#)

[Show versions](#)

	Name	Type	Last modified	Size	Storage class
No objects					

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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speech_20221121...mp3 [Show all](#)

Type here to search

WISSEN

ENG 5:04 PM 11/21/2022

Home | Mail | Email - Mail | Adrenalin | (1) Excel | Rekognition | Amazon T | Amazon P | S3 Manag | Rekognition | +

s3.console.aws.amazon.com/s3/upload/amazonpolly-to-transcribe-bucket?region=ap-southeast-1

Services Search [Alt+S]

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon S3 Buckets amazonpolly-to-transcribe-bucket Upload

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](#).

[Remove](#) [Add files](#) [Add folder](#)

Files and folders (0)

All files and folders in this table will be uploaded.

[1](#)

	Name	Folder	Type	Size
No files or folders				

You have not chosen any files or folders to upload.

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

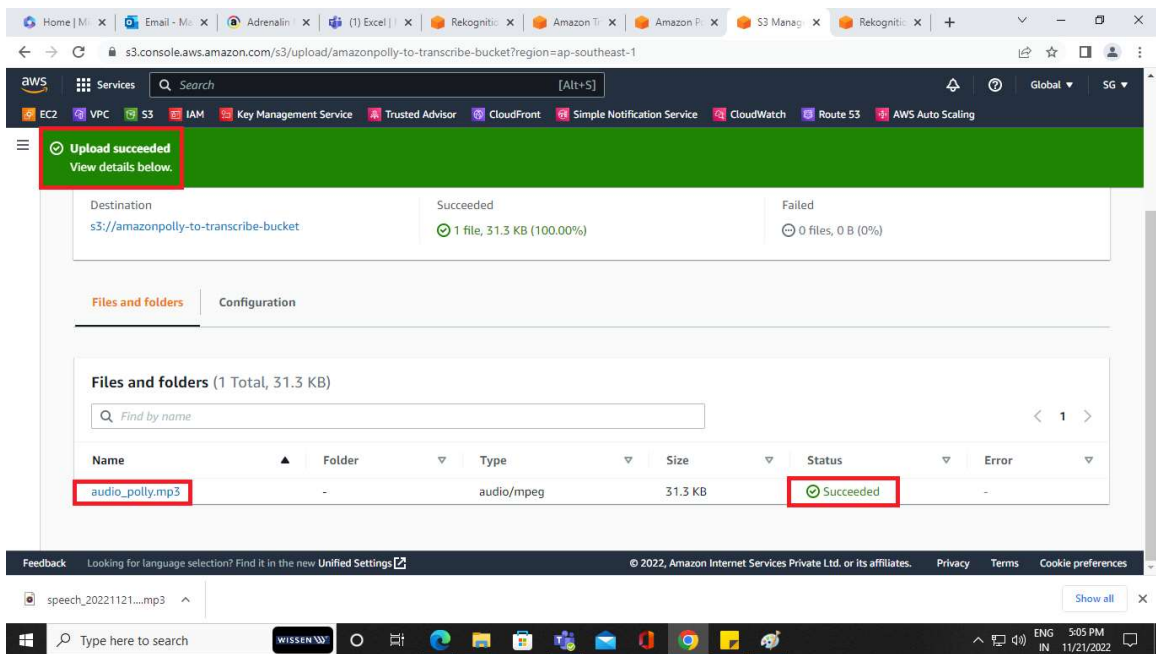
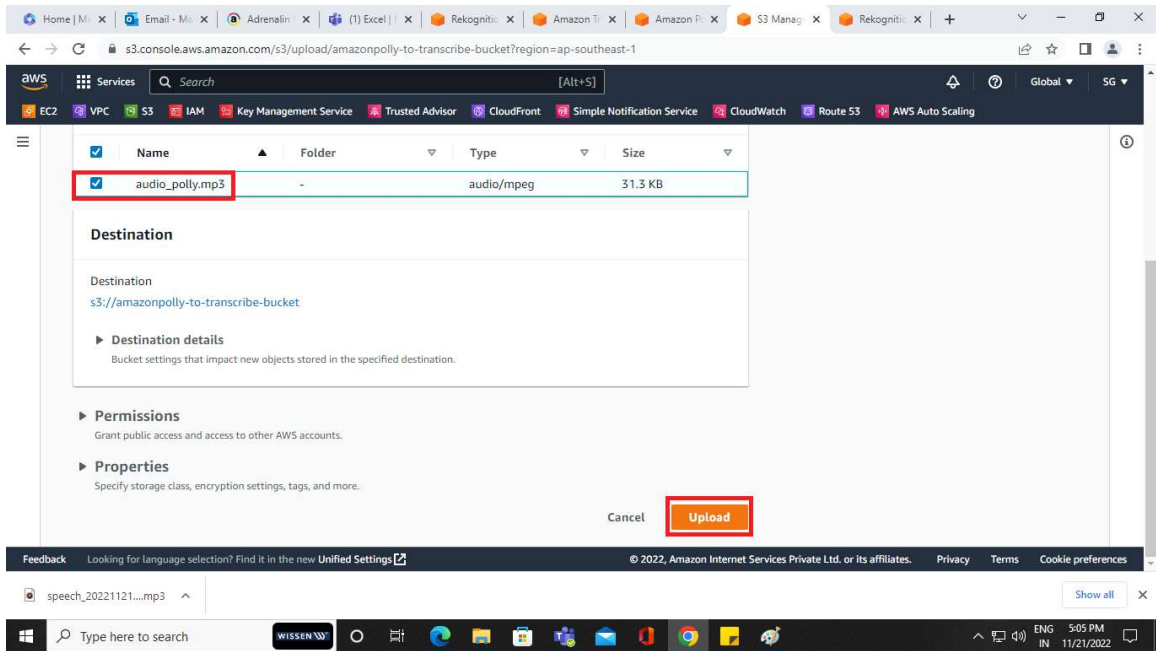
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speech_20221121...mp3 [Show all](#)

Type here to search

WISSEN

ENG 5:04 PM 11/21/2022



Home | Mail | Adrenalin | (1) Excel | Rekognitio | Amazon T | Amazon P | amazonp | Rekognitio

s3.console.aws.amazon.com/s3/buckets/amazonpolly-to-transcribe-bucket?region=ap-southeast-1&tab=objects

Amazon S3 > Buckets > amazonpolly-to-transcribe-bucket

amazonpolly-to-transcribe-bucket

Objects (1)

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. [Learn more](#)

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Make public using ACL](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix

Show versions

<input checked="" type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	audio_polly.mp3	mp3	November 21, 2022, 17:05:11 (UTC+05:30)	31.3 KB	Standard

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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speech_20221121...mp3

Type here to search

Home | Mail | Adrenalin | (1) Excel | Rekognitio | Amazon T | Amazon P | amazonp | Rekognitio

s3.console.aws.amazon.com/s3/buckets/amazonpolly-to-transcribe-bucket/object/edit_public_read_access?region=ap-southeast-1&showversions=false

Amazon S3 > Buckets > amazonpolly-to-transcribe-bucket > Make public

Make public

The make public action enables public read access in the object access control list (ACL) settings. [Learn more](#)

When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects.

Specified objects

Find objects by name

<input checked="" type="checkbox"/>	Name	Type	Last modified	Size
<input checked="" type="checkbox"/>	audio_polly.mp3	mp3	November 21, 2022, 17:05:11 (UTC+05:30)	31.3 KB

Cancel [Make public](#)

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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speech_20221121...mp3

Type here to search

The top screenshot shows the AWS console page for editing public access on an S3 bucket. A green banner at the top indicates 'Successfully edited public access'. Below this, the 'Make public: status' page is displayed. It contains a table with the following data:

Source	Successfully edited public access	Failed to edit public access
s3://amazonpolly-to-transcribe-bucket	1 object, 31.3 KB	0 objects

The bottom screenshot shows the Amazon Transcribe console. The left sidebar lists various services, and the main content area displays the 'Amazon Transcribe Automatic Speech Recognition' page. A red box highlights the 'Amazon Transcribe' link in the sidebar.

step-3:creation of amazon transcribe job

Home | x | Email - | x | Adrenal | x | (1) Excel | x | Rekogni | x | Amazon | x | Amazon | x | amazon | x | Rekogni | x | https:// | x | +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#create/job

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x

Transcription jobs

Custom language model

Custom vocabulary

Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics

Category Management

Amazon Transcribe Medical

Transcription jobs

Custom vocabulary

Amazon Transcribe > Transcription jobs > Create transcription job

Step 1
Specify job details

Step 2
Configure job - optional

Specify job details info

Job settings

Name

amazonpolly-to-transcribe

The name can be up to 200 characters long. Valid characters are a-z, A-Z, 0-9, (period), (underscore), and - (hyphen).

Language settings

You can transcribe your audio file in a language that you specify or have Amazon Transcribe identify and transcribe it in the predominant language.

☒ Specific language Info

If you know the language spoken in your source audio, choose this option to get the most accurate results. The options available for additional processing vary between languages.

☐ Automatic language identification Info

If you don't know the language spoken in your audio files, choose this option. You have access to fewer options for additional processing than if you choose Specific language.

Feedback Looking for language selection? Find it in the new Unified Settings. © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

speech_20221121...mp3 Show all

Home | x | Email - | x | Adrenal | x | (1) Excel | x | Rekogni | x | Amazon | x | Amazon | x | amazon | x | Rekogni | x | https:// | x | +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#create/job

Services Search [Alt+S] Singapore SG

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Amazon Transcribe x

Transcription jobs

Custom language model

Custom vocabulary

Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics

Category Management

Amazon Transcribe Medical

Transcription jobs

Custom vocabulary

Automatic multiple languages identification Info

If there are multiple languages spoken in your audio files and you're not sure what these languages are, choose this option. This selection provides limited additional processing options compared to Specific language.

Language

Choose the language of the input audio.

English, US (en-US)

Model type Info

Choose the type of model to use for the transcription job.

☒ General model

To use a model that is not specialized for a particular use case, choose this option. Configuration options vary between languages.

☐ Custom language model

To use a model that you trained for your specific use case, choose this option. This model has fewer configuration options than the general model.

Additional settings

Input data Info

Feedback Looking for language selection? Find it in the new Unified Settings. © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

speech_20221121...mp3 Show all

Home | x Email | x Adrenal | x (1) Excel | x Rekogni | x Amazon | x Amazon | x amazon | x Rekogni | x https:// | x +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#createJob

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x

Transcription jobs
Custom language model
Custom vocabulary
Vocabulary filtering

Amazon Transcribe Call Analytics
Post-call Analytics
Category Management

Amazon Transcribe Medical
Transcription jobs
Custom vocabulary

Input data info

Input file location on S3
Choose an input audio or video file in Amazon S3.

Resource URI
s3://bucket/prefix/ View Browse S3

Valid file formats: MP3, MP4, WAV, FLAC, AMR, OGG, and WebM.

Output data

Output data location type info

Service-managed S3 bucket
The output will be removed after 90 days when the job expires.

Customer specified S3 bucket
The output will not be removed from bucket even after the job expires.

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speech_20221121...mp3 Show all

Type here to search WISSEN

ENG 5:06 PM 11/21/2022

Home | x Email | x Adrenal | x (1) Excel | x Rekogni | x Amazon | x Amazon | x amazon | x Rekogni | x https:// | x +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#createJob

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x

Choose audio file in S3

S3 buckets > amazonpolly-to-transcribe-bucket

Objects (1/1)

Find object by prefix

1

Key	Last modified	Size
audio_polly.mp3	November 21, 2022, 17:05:11 (UTC+05:30)	31.26 KB

Cancel Choose

Custom vocabulary

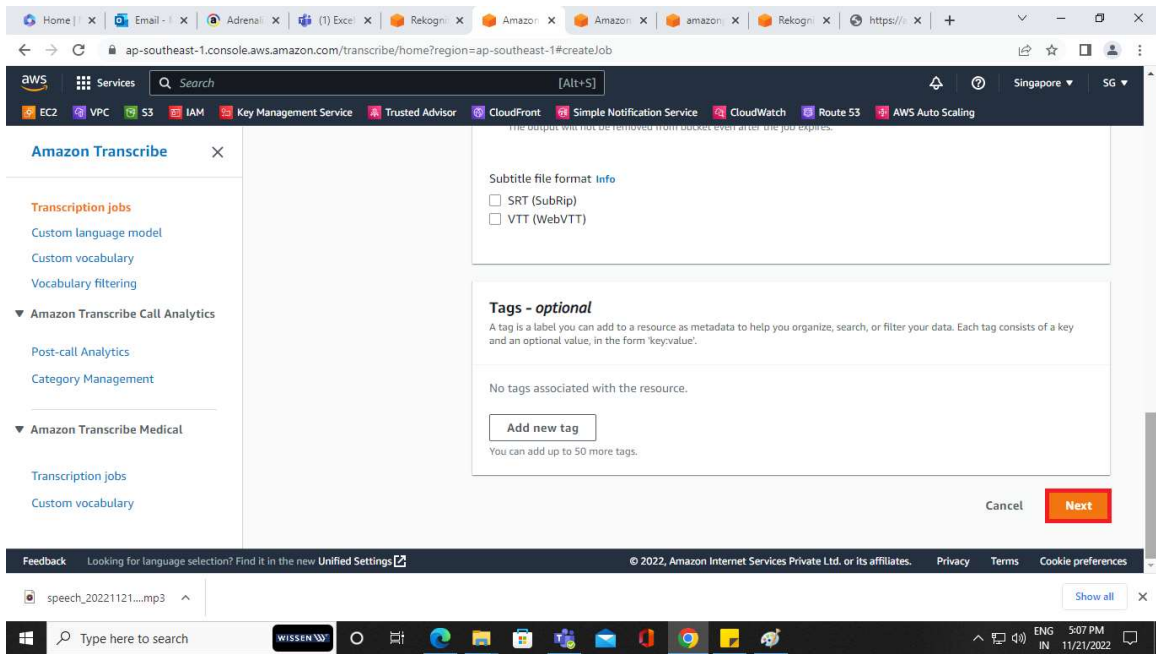
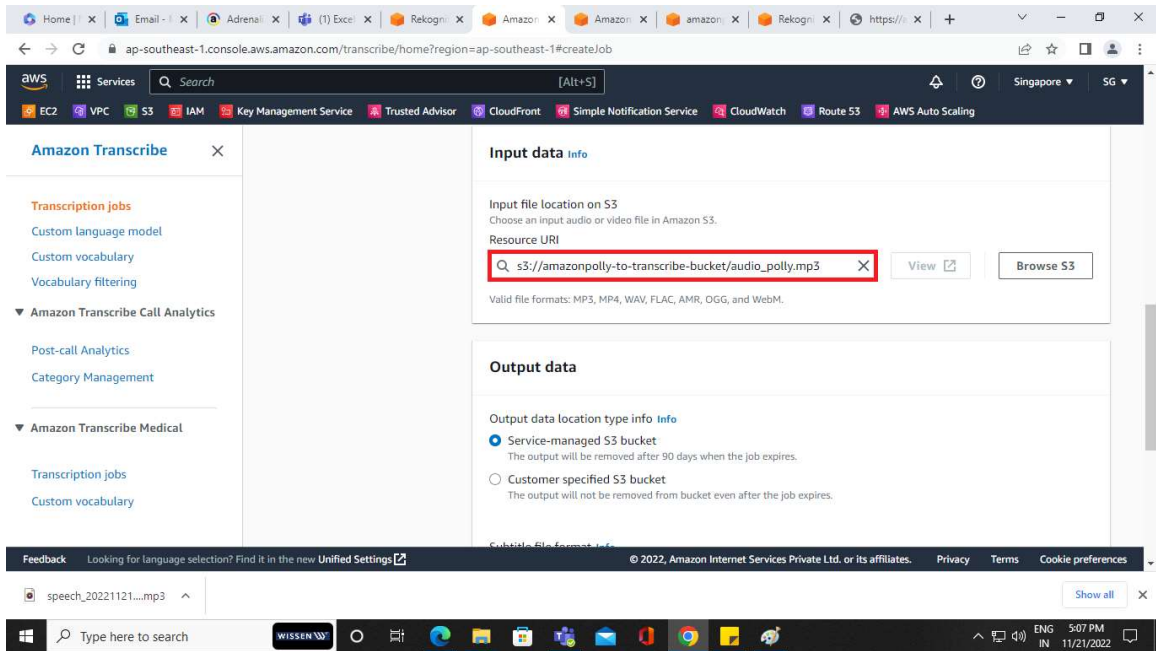
Subtitle file format info

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

speech_20221121...mp3 Show all

Type here to search WISSEN

ENG 5:07 PM 11/21/2022



Home | x | Email - | x | Adrenal | x | (1) Excel | x | Rekogni | x | Amazon | x | Amazon | x | amazon | x | Rekogni | x | https:// | x | +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#createJob

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x

Transcription jobs x

Custom language model

Custom vocabulary

Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics

Category Management

Amazon Transcribe Medical

Transcription jobs

Custom vocabulary

Amazon Transcribe > Transcription jobs > Create transcription job

Step 1 Specify job details

Step 2 Configure job - optional

Configure job - optional

Info

Audio settings

☐ Audio identification Info
Choose to split multi-channel audio into separate channels for transcription, or partition speakers in the input audio.

☐ Alternative results Info
Enable to view more transcription results

Content removal

Content removal conceals information in the resulting transcript from your source audio file. Amazon Transcribe changes items in the transcript and does not modify the source audio.

Feedback Looking for language selection? Find it in the new Unified Settings

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speech_20221121...mp3 Show all

Home | x | Email - | x | Adrenal | x | (1) Excel | x | Rekogni | x | Amazon | x | Amazon | x | amazon | x | Rekogni | x | https:// | x | +

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#createJob

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x

Transcription jobs x

Custom language model

Custom vocabulary

Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics

Category Management

Amazon Transcribe Medical

Transcription jobs

Custom vocabulary

Content removal conceals information in the resulting transcript from your source audio file. Amazon Transcribe changes items in the transcript and does not modify the source audio.

☐ PII redaction Info
Label the type of PII and also mask the content with the PII entity type in the transcription output. For example, (123) 456-7890 will be masked as [PHONE].

☐ Vocabulary filtering Info
Vocabulary filtering can remove, mask or tag specified words in the final transcript.

Customization

☐ Custom vocabulary Info
A custom vocabulary improves the accuracy of recognizing words and phrases specific to your use case.

Cancel Previous Create job

Feedback Looking for language selection? Find it in the new Unified Settings

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speech_20221121...mp3 Show all

Home | x Email | x Adrenal | x (1) Excel | x Rekogni | x Amazon | x Amazon | x amazon | x Rekogni | x https:// | x

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#jobs

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x Transcription job successfully created.

Transcription jobs

Custom language model
Custom vocabulary
Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics
Category Management

Amazon Transcribe Medical

Transcription jobs
Custom vocabulary

Amazon Transcribe > Transcription jobs

Transcription jobs (1) info Download Copy Delete Create job

Find job names Status: All < 1 > ⚙

Name	Status	Language	Language settings	Model type	Model name
amazonpolly-to-transcribe	In progress	English, US (en-US)	Specific language	General	-

Feedback Looking for language selection? Find it in the new Unified Settings

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speech_20221121...mp3 Show all

Type here to search WISSEN

ENG 5:07 PM 1/21/2022

Home | x Email | x Adrenal | x (1) Excel | x Rekogni | x Amazon | x Amazon | x amazon | x Rekogni | x https:// | x

ap-southeast-1.console.aws.amazon.com/transcribe/home?region=ap-southeast-1#jobs

Services Search [Alt+S] Singapore SG

EC2 VPC S3 IAM Key Management Service Trusted Advisor CloudFront Simple Notification Service CloudWatch Route 53 AWS Auto Scaling

Amazon Transcribe x Amazon Transcribe > Transcription jobs

Transcription jobs

Custom language model
Custom vocabulary
Vocabulary filtering

Amazon Transcribe Call Analytics

Post-call Analytics
Category Management

Amazon Transcribe Medical

Transcription jobs
Custom vocabulary

Amazon Transcribe > Transcription jobs

Transcription jobs (1) info Download Copy Delete Create job

Find job names Status: All < 1 > ⚙

Name	Status	Language	Language settings	Model type	Model name
amazonpolly-to-transcribe	Complete	English, US (en-US)	Specific language	General	-

Feedback Looking for language selection? Find it in the new Unified Settings

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speech_20221121...mp3 Show all

Type here to search WISSEN

ENG 5:11 PM 1/21/2022

The screenshot shows the Amazon Transcribe console in the 'ap-southeast-1' region. The breadcrumb navigation at the top reads 'Amazon Transcribe > Transcription jobs > amazonpolly-to-transcribe'. The left sidebar has 'Transcription jobs' highlighted. The main content area displays the 'Job details' for 'amazonpolly-to-transcribe'. The job status is 'Complete', indicated by a green checkmark icon. The job was created on 11/21/2022 at 5:07:27 PM and ended at 5:07:43 PM. The input data location is 's3://amazonpolly-to-transcribe-bucket/audio_polly.mp3' and the output data location is 'Service-managed S3 bucket'. The language is 'English, US (en-US)' and the model is 'None'. The audio identification and alternative results are disabled. The custom vocabulary is 'None' and PII redaction is disabled. The bottom of the console shows a feedback link and a copyright notice for 2022 Amazon Internet Services Private Ltd.

Job details			
Name	amazonpolly-to-transcribe	Model	None
Status	Complete	Audio identification	Disabled
Language	English, US (en-US)	Alternative results	Disabled
Language settings	Specific language	Custom vocabulary	None
Created	11/21/2022, 5:07:27 PM	PII redaction	Disabled
Started	11/21/2022, 5:07:27 PM	Input data location	s3://amazonpolly-to-transcribe-bucket/audio_polly.mp3
Ended	11/21/2022, 5:07:43 PM	Output data location	Service-managed S3 bucket

step-4:the data we can see in amazon transcribe

The screenshot shows the Amazon Transcribe console in the 'ap-southeast-1' region. The breadcrumb navigation at the top reads 'Amazon Transcribe > Transcription jobs > amazonpolly-to-transcribe'. The left sidebar has 'Transcription jobs' highlighted. The main content area displays the 'Transcription preview' for 'amazonpolly-to-transcribe'. The preview shows the text 'Hi, my name is Sally. I will read any text you type here.' which is highlighted with a red box. The preview also shows a 'Download' button and a 'Tags' section with a 'Manage Tags' button. The bottom of the console shows a feedback link and a copyright notice for 2022 Amazon Internet Services Private Ltd.

Transcription preview

Select download to save a local copy of the transcription.

Text Audio identification Subtitles

Hi, my name is Sally. I will read any text you type here.

Tags 0 Manage Tags

Key	Value
-----	-------

Amazon Transcribe > Transcription jobs

Transcription jobs (2) info Download Copy Delete Create job

Find job names Status: All < 1 >

	Name	Status	Language	Language settings	Model type	Model name
<input type="radio"/>	123	Complete	English, US (en-US)	Specific language	General	-
<input checked="" type="radio"/>	amazonpolly-to-transcribe	Complete	English, US (en-US)	Specific language	General	-

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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asrOutput.json speech_20221121...mp3 Show all

asrOutput - Notepad

```
File Edit Format View Help
{"jobName":"amazonpolly-to-transcribe","accountId":"487986776105","results":{"transcripts":[{"transcript":"Hi, my name is Sally, I will read any text you type here."}],{"start_time":"3.2","end_time":"3.44","alternatives":[{"confidence":"1.0","content":"will"},"pronunciation"],"start_time":"3.44","end_time":"3.75","alternatives":[]}}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

