S3 Bucket Home work .

1)Fundamental Components of Any Application design

Compute, Storage , database, Networking

2) Storage options in AWS

Block Storage –EBS- Elastic Block Storage , Storing the data in small chunk

File Storage : EFS for Linux and FSx for Linux and Windows –Mapping a network drive.

Object storage-S3- Simple Storage service.

Three types of object storage

Structured data / unstructured data / semi structured data

Data is in binary format

Associated with meta data , ( data abount data )

A whiteboard with writing on it

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A close-up of a document

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Do a hands on and create a static website .

Login to the AWS Console and Select S3 object storage

A screenshot of a computer

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Click on create bucket

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A screenshot of a computer

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A screenshot of a bucket

Description automatically generated

Remove the Tick to enable the public access

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Click on I acknowledge

A screenshot of a computer

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A screenshot of a computer

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Click on create bucket

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Click on view details A screenshot of a computer

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A screenshot of a computer

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Select permission

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Edit bucket policy

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Click on policy Generator

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A screenshot of a computer

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A screenshot of a computer error message

Description automatically generatedSelect s3 bucket policy

A screenshot of a computer

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Give principal \* ( for all )

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Select getobject in Action

Copy ARN from Edit bucket policy in AWS portal

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A screenshot of a computer

Description automatically generated

Put /\* in Amazon resource Name (ARN) in the last

Click on add condition ( optional)

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Type Condtion as \_ipaddress

Key – aws-sourceip

Value is our laptop ipaddress as showin in below screen shot from the internet

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Paste the laptop ip in the value

A screenshot of a computer

Description automatically generated

Click on add condition

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Description automatically generated

Click on add statement and then click on add policy to copy the code

A screenshot of a computer

Description automatically generated

And paste in bucket policy

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A screenshot of a computer

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And click on save changes

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A screenshot of a computer

Description automatically generated

Now go to properties

A screenshot of a computer

Description automatically generated

Go down in last and edit the static website hosting

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A screenshot of a computer

Description automatically generated

Enable the Static website hosting

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Description automatically generated

Type index.html and error.html

And save changes

A screenshot of a computer

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A screenshot of a computer

Description automatically generated

Now go to objects

A screenshot of a computer

Description automatically generated

And upload the four files shared by jatin sir

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Description automatically generated

Click on add files

A screenshot of a computer

Description automatically generated

3 html and one .png file we need to upload now

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Click on upload now

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Now click on bucket and properties

A screenshot of a computer

Description automatically generated

Now go down last

A screenshot of a computer

Description automatically generated

Copy the website url

<http://myawsbucket-05-02-2024.s3-website.ap-south-1.amazonaws.com>

and paste in browser

A screenshot of a computer

Description automatically generated

Now Static website hosing successfully done

Thanks you

Pls check and update

Regards,

Mahesh Zade

I will delete the S3 Bucket once your mail received

Thanks