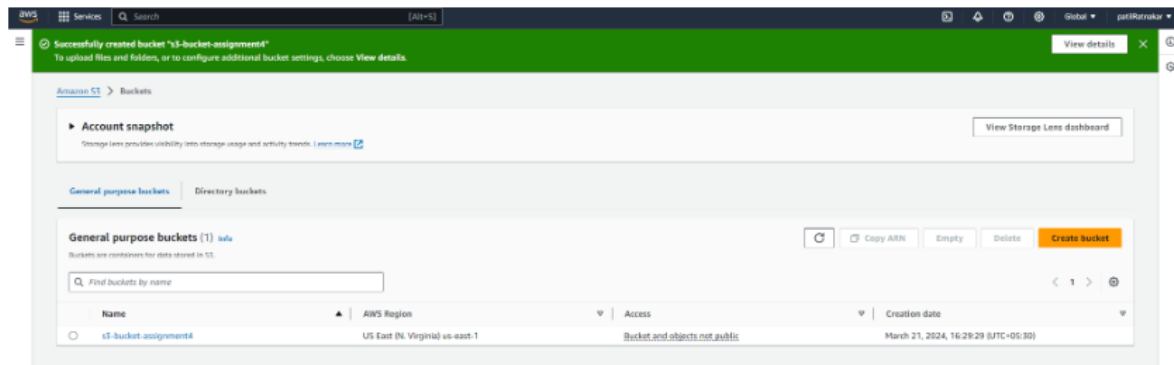


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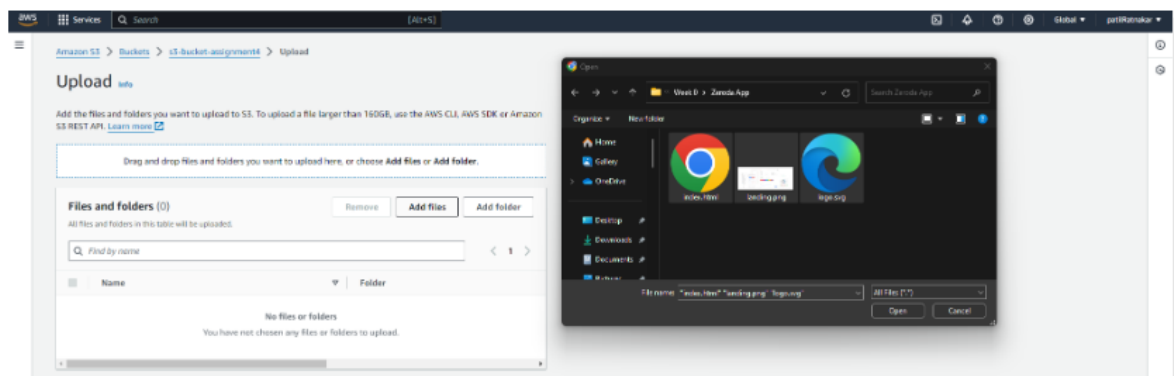
## ASSIGNMENT 4

### Deploy a static website on AWS using S3 Bucket Service.

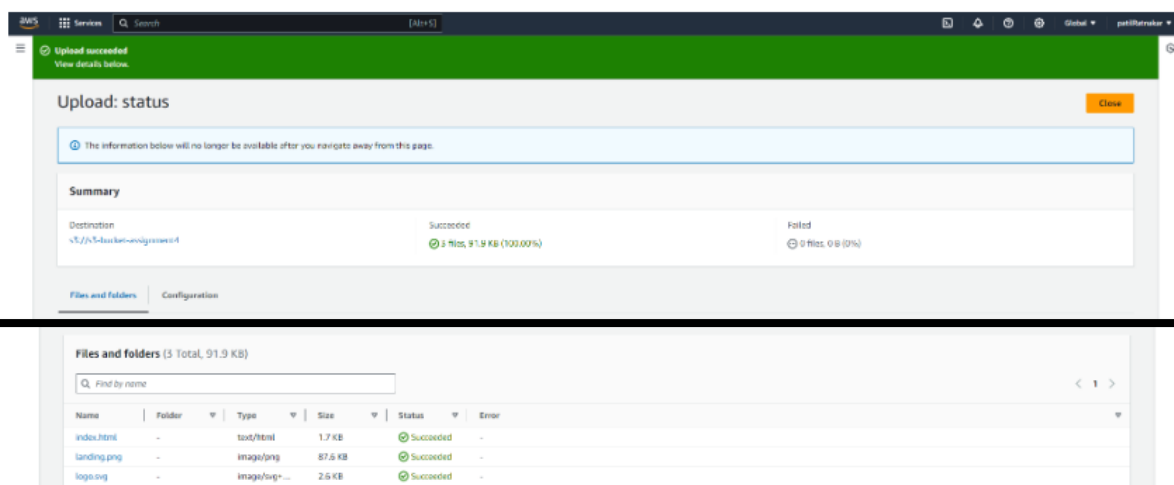
#### Step 1- Login to AWS Management Console and create a S3 Bucket.



#### Step 2- Upload all the files/folders on s3 bucket



#### Step 3- Files uploaded



#### Step 4- Go to 'Properties' and enable "Static Website Hosting".

The screenshot shows the 'Edit static website hosting' page in the AWS Management Console. The 'Static website hosting' section has 'Enable' selected. Under 'Hosting type', 'Host a static website' is selected. The 'Index document' field contains 'index.html'. A blue information box states: '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 this bucket. For more information, see Using Amazon S3 Block Public Access.' The 'Error document' field contains 'error.html'. The 'Redirection rules' section is currently empty.

#### Step 5- Go to 'Permissions' and Turned OFF / Unchecked the "Block public access".

The screenshot shows the 'Permissions' tab for bucket 's3-bucket-assignment4'. A green success message at the top reads: 'Successfully edited Block Public Access settings for this bucket.' The 'Block public access (bucket settings)' section shows 'Block all public access' set to 'OFF'.

#### Step 6- Go to 'Permissions' and enable the "ACLs enable" (acknowledge and save).

The screenshot shows the 'Edit Object Ownership' page. The 'Object Ownership' section has 'ACLs enabled' selected. A yellow warning box states: 'We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.' The 'Object Ownership' section has 'Bucket owner preferred' selected. A blue information box at the bottom states: 'If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads.' The 'Object writer' option is also visible.

#### Step 7- From bucket , select all files and go to "Actions Button". Make public using ACL's and save.

The screenshot shows the 'Objects' tab for bucket 's3-bucket-assignment4'. A table lists three objects: 'index.html', 'landing.png', and 'logo.png'. The 'Actions' dropdown menu is open, and 'Make public using ACL' is selected. The table has columns for 'Name', 'Type', 'Last modified', and 'Size'.

	Name	Type	Last modified	Size
<input checked="" type="checkbox"/>	index.html	html	March 21, 2024, 16:32:48 (UTC+05:30)	1
<input checked="" type="checkbox"/>	landing.png	png	March 21, 2024, 16:32:50 (UTC+05:30)	87
<input checked="" type="checkbox"/>	logo.png	png	March 21, 2024, 16:32:51 (UTC+05:30)	2

**Step 8- Go to "index.html" page and copy the Object URL.**

The screenshot shows the AWS S3 console interface. The breadcrumb navigation at the top reads: Amazon S3 > Buckets > s3-bucket-assignment4 > index.html. The page title is 'index.html info'. On the right, there are buttons for 'Copy S3 URI', 'Download', 'Open', and 'Object actions'. Below the title, there are tabs for 'Properties', 'Permissions', and 'Versions'. The 'Properties' tab is active, showing an 'Object overview' section. On the left, it lists: Owner (ratnakaipati2003), AWS Region (US East (N. Virginia) us-east-1), Last modified (March 21, 2024, 16:32:48 (UTC+05:30)), Size (1.7 KB), Type (html), and Key (index.html). On the right, it lists: S3 URI (s3://s3-bucket-assignment4/index.html), Amazon Resource Name (ARN) (arn:aws:s3::s3-bucket-assignment4/index.html), and Entity tag (tag). A green box highlights the 'Object URL Copied' message, and the full URL is shown below: https://s3-bucket-assignment4.s3.amazonaws.com/index.html.

**Step 9- Paste it on web and hit "ENTER". Check the website is hosted properly or not.**

The screenshot shows a web browser displaying the Zerodha website. The address bar shows the URL: s3-bucket-assignment4.s3.amazonaws.com/index.html. The website has a blue header with the Zerodha logo on the left and 'Sign Up', 'About Us', and 'Contact' links on the right. The main content area features a large image of a Zerodha trading dashboard with various charts and data. Below the image, the text 'Invest in everything' is centered, followed by the description 'Online platform to invest in stocks, derivatives, mutual funds, and more'. At the bottom, there is a blue button labeled 'Sign up now'.

