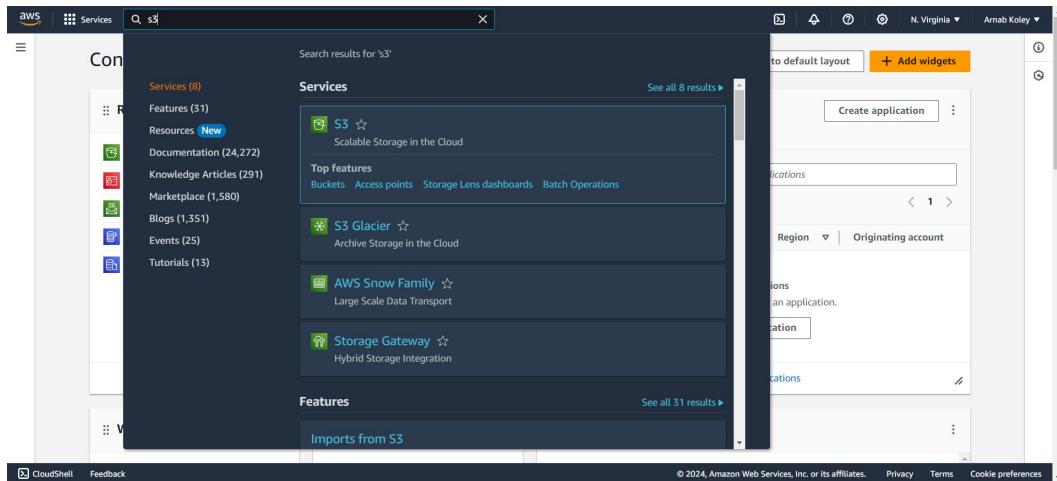


# Assignment No : 06

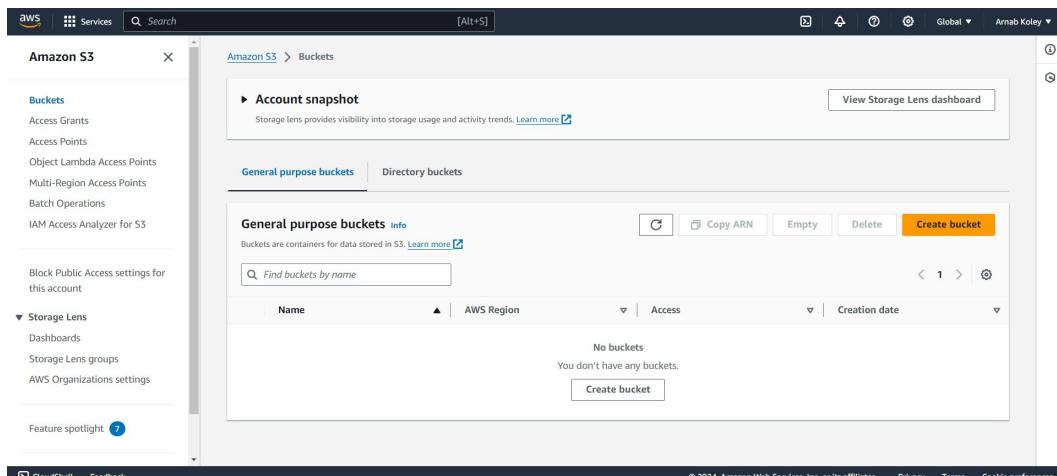
**Problem Statement :** Upload a static website on S3.

**Answer :**

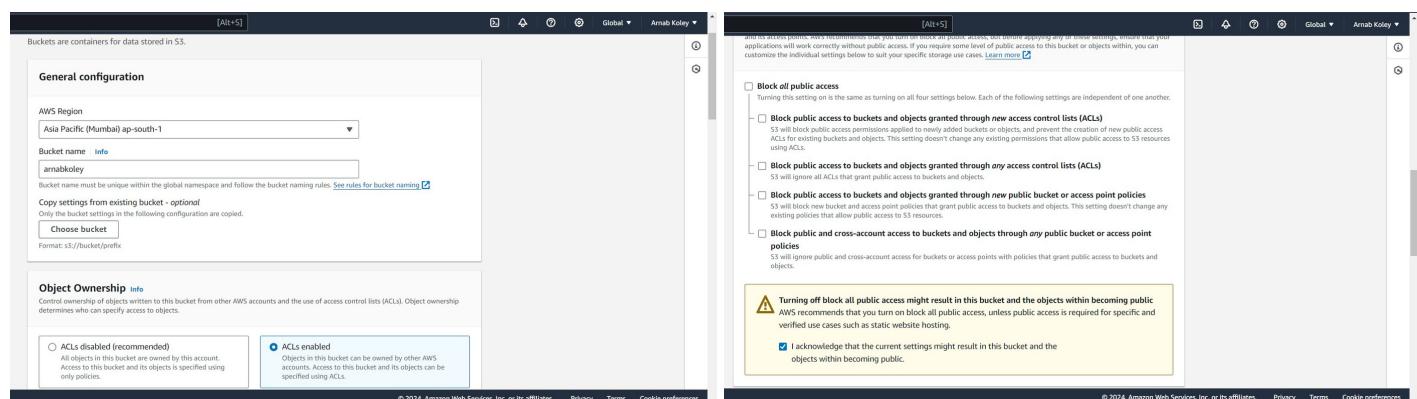
- 1) Go to 'https://console.aws.amazon.com' & sign in to AWS account.
- 2) Search for 'S3' & go to 'S3'.



- 3) Go to 'Buckets' & click 'Create bucket'.



- 4)
  - Give a Bucket name. (Ex-arnabkoley)
  - Select 'ACLs enabled' & uncheck 'Block all public access'.
  - Check the acknowledge box & Click 'Create bucket'.



## 5) Now public bucket is created. Go to the newly created bucket.

The screenshot shows the AWS S3 console. In the top right corner, there is a green banner that says "Successfully created bucket 'arnabkoley' To upload files and folders, or to configure additional bucket settings, choose View details." Below this, the main interface shows the "General purpose buckets" section with one item: "arnabkoley". The bucket details show it was created on March 3, 2024, at 19:41:43 (UTC+05:30) in the Asia Pacific (Mumbai) region (ap-south-1). There are buttons for "Copy ARN", "Empty", "Delete", and "Create bucket".

## 6) Click 'Upload' button.

The screenshot shows the "arnabkoley" bucket page in the AWS S3 console. Under the "Objects" tab, there is a large "Upload" button. The page also includes tabs for "Properties", "Permissions", "Metrics", "Management", and "Access Points". A message at the bottom states: "No objects You don't have any objects in this bucket." and "Upload".

## 7) Click 'Add files' & upload html files. (Ex- index.html, about.html, contact.html)

The screenshot shows the "Upload" interface for the "arnabkoley" bucket. It displays a list of selected files: "about.html", "contact.html", and "index.html", all of which are "text/html" type files. There is a "Remove" button and a "Destination" section below. The "Destination" section has a "Info" link.

- 8) • Tick the files & under 'Permissions' select 'Grant public-read access'.  
• Check the acknowledge box & click 'Upload'.

The screenshot shows the "Access control list (ACL)" configuration screen. It includes a note from AWS: "AWS recommends using S3 bucket policies or IAM policies for access control." Below this, there are options for "Choose from predefined ACLs" (selected), "Specify individual ACL permissions", and "Private (recommended)". Under "Grant public-read access", it says "Anyone in the world will be able to access the specified objects. The object owner will have read and write access." A warning message in a yellow box states: "Granting public-read access is not recommended Anyone in the world will be able to access the specified objects." A checkbox below the warning is checked, stating: "I understand the risk of granting public-read access to the specified objects." At the bottom, there are "Cancel" and "Upload" buttons.

## 9) Website files are uploaded successfully. Click ‘close’.

The screenshot shows the AWS S3 console with a green header bar indicating 'Upload succeeded'. Below it, a 'Summary' section shows the destination as 's3://arnabkoley' with a status of 'Succeeded'. A table lists three files: 'about.html', 'contact.html', and 'index.html', all with a size of 1.1 KB, a status of 'Succeeded', and no errors. At the bottom, there are tabs for 'Files and folders' and 'Configuration', along with a search bar and a table header. The left sidebar includes options like Buckets, Access Grants, and Storage Lens.

## 10) Check the files & go to ‘Properties’.

The screenshot shows the AWS S3 console with the 'arnabkoley' bucket selected. The 'Properties' tab is active. It displays three objects: 'about.html', 'contact.html', and 'index.html', all of which are checked. The properties table shows the last modified date (March 3, 2024, 19:58:45 UTC+05:30), size (1.1 KB), and storage class (Standard). The left sidebar is identical to the previous screenshot.

## 11) Under ‘Static website hosting’ click ‘Edit’.

The screenshot shows the AWS S3 console with the 'arnabkoley' bucket selected. The 'Static website hosting' section is visible, showing that it is currently disabled. There are three sections: 'Object Lock' (disabled), 'Requester pays' (disabled), and 'Static website hosting' (disabled). Each section has an 'Edit' button. The left sidebar is identical to the previous screenshots.

- 12) • Select Static website hosting ‘Enable’.  
• Give the index document file name (Ex-index.html) & click ‘Save changes’.

The screenshot shows the 'Edit static website hosting' dialog for the 'arnabkoley' bucket. The 'Static website hosting' section is open, with the 'Enable' radio button selected. The 'Hosting type' section offers two options: 'Host a static website' (selected) and 'Redirect requests for an object'. A note at the bottom explains that enabling static website hosting makes content publically readable and requires editing S3 Block Public Access settings. The 'Index document' field is set to 'index.html'. The left sidebar is identical to the previous screenshots.

- 13) • Static website hosting is completed.  
• Under ‘Static website hosting’, copy the ‘Bucket website endpoint’ url.

The screenshot shows the AWS S3 console with the 'Static website hosting' section open. A green success message at the top says 'Successfully edited static website hosting.' Below it, under 'Requester pays', the setting is 'Disabled'. Under 'Static website hosting', it is set to 'Enabled' with 'Hosting type' as 'Bucket hosting'. A tooltip 'Bucket website endpoint copied' appears over the URL field, which contains 'http://arnabkoley.s3-website.ap-south-1.amazonaws.com'. The left sidebar includes options like Buckets, Access Grants, and Storage Lens.

- 14) • Paste the copied URL in a browser.  
• Navigate to different pages of the website.

The three screenshots show the following pages:

- Home Page:** Displays the title "Home Page" and two buttons: "Go to About" and "Go to Contact".
- About Page:** Displays the title "About Page" and two buttons: "Go to Home" and "Go to Contact".
- Contact Page:** Displays the title "Contact Page" and two buttons: "Go to Home" and "Go to About".

In all three cases, the browser address bar shows the URL "arnabkoley.s3-website.ap-south-1.amazonaws.com".