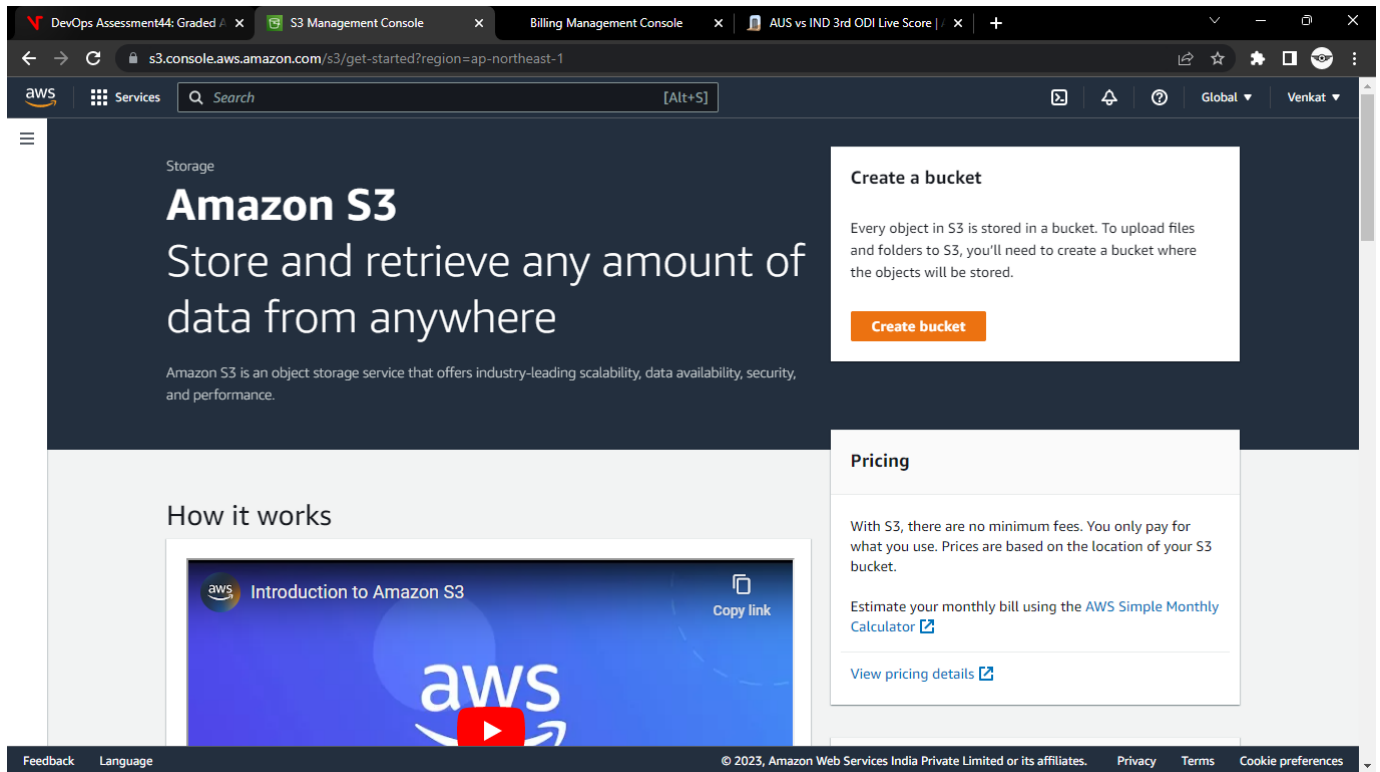


Activity

-20A91A0519, Venkat Pattabhi Ganti

Q3) Create an S3 bucket and deploy the reactjs static application on it and provide with the public url for use.



DevOps Assessment44: Graded / xS3 bucket xBilling Management Console xAUS vs IND 3rd ODI Live Score | x+

s3.console.aws.amazon.com/s3/bucket/create?region=ap-northeast-1

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name

my-react-bucket369

Bucket name must be globally unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region

Asia Pacific (Tokyo) ap-northeast-1

Copy settings from existing bucket - *optional*

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

DevOps Assessment44: Graded / xS3 bucket xBilling Management Console xAUS vs IND 3rd ODI Live Score | x+

s3.console.aws.amazon.com/s3/bucket/create?region=ap-northeast-1

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Upcoming permission changes to disable ACLs
Starting in April 2023, to disable ACLs when creating buckets by using the S3 console, you will no longer need the `s3:PutBucketOwnershipControls` permission. [Learn more](#)

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☒ **Block all public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

DevOps Assessment44: Graded / xS3 bucketBilling Management ConsoleAUS vs IND 3rd ODI Live Score / x

s3.console.aws.amazon.com/s3/bucket/create?region=ap-northeast-1

awsServicesSearch[Alt+S]

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ Block public access to buckets and objects granted through new access control lists (ACLs)

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ Block public access to buckets and objects granted through any access control lists (ACLs)


S3 will ignore all ACLs that grant public access to buckets and objects.

☐ Block public access to buckets and objects granted through new public bucket or access point policies

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ Block public and cross-account access to buckets and objects through any public bucket or access point policies

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

 Turning off block all public access might result in this bucket and the objects within becoming public

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☐ I acknowledge that the current settings might result in this bucket and the


FeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

DevOps Assessment44: Graded / xS3 bucketBilling Management ConsoleAUS vs IND 3rd ODI Live Score / x


s3.console.aws.amazon.com/s3/bucket/create?region=ap-northeast-1

awsServicesSearch[Alt+S]

 Turning off block all public access might result in this bucket and the objects within becoming public

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

 Upcoming permission changes to disable any Block Public Access setting

Starting in April 2023, to disable any Block Public Access setting when creating buckets by using the S3 console, you must have the s3:PutBucketPublicAccessBlock permission. [Learn more](#)

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

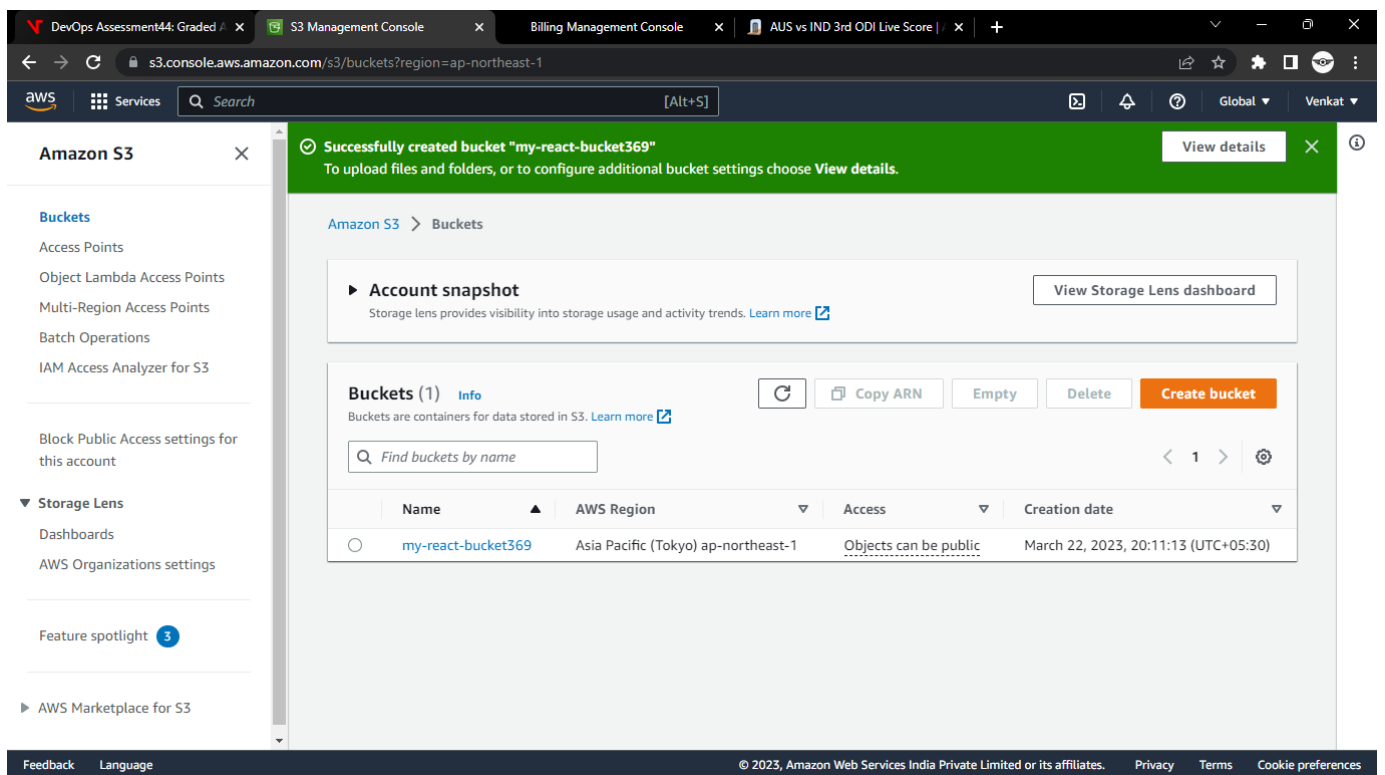
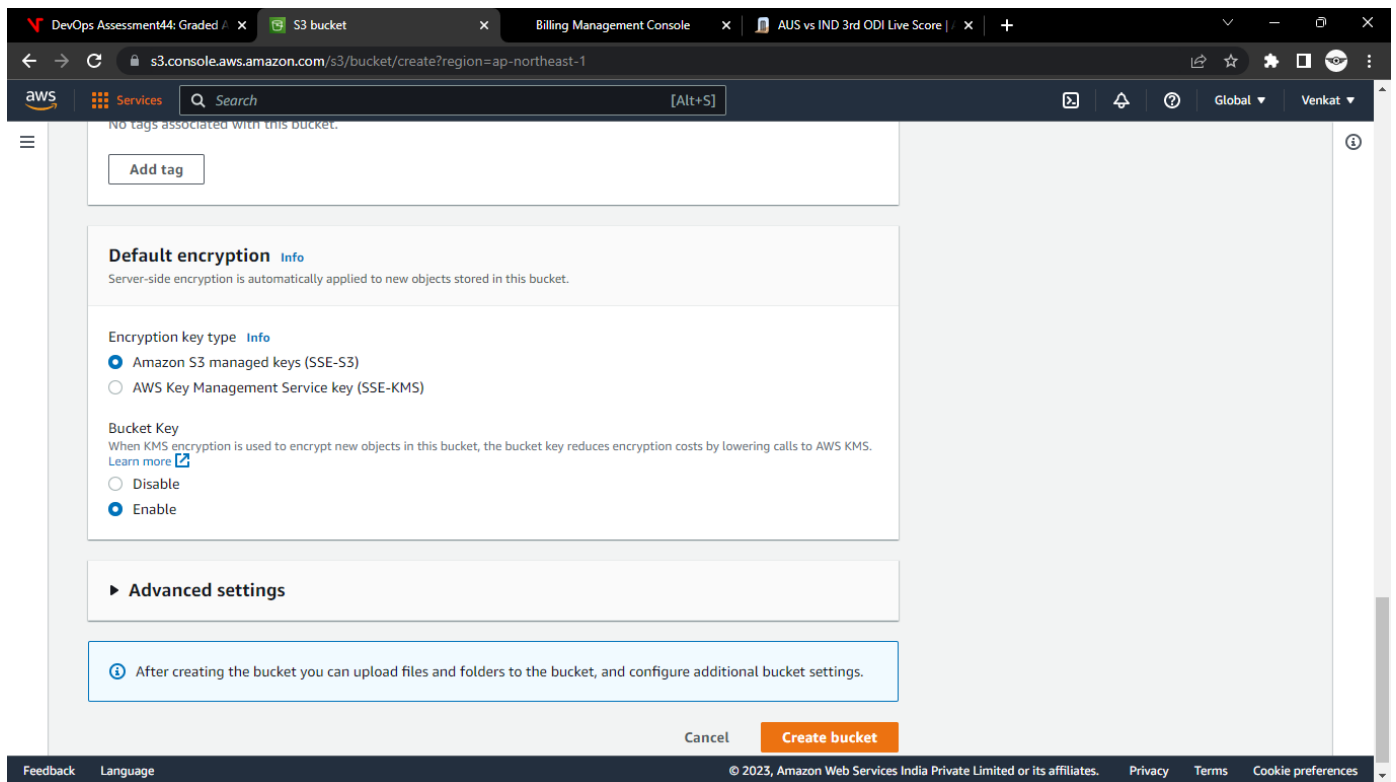
☐ Disable

☒ Enable

Tags (0) - optional

FeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences



DevOps Assessment44: Graded / xmy-react-bucket369 - S3 bucket xBilling Management Console xAUS vs IND 3rd ODI Live Score / x+
s3.console.aws.amazon.com/s3/buckets/my-react-bucket369?region=ap-northeast-1&tab=objects

awsServicesSearch [Alt+S]

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

Amazon S3 > Buckets > my-react-bucket369

my-react-bucket369 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

Find objects by prefix

Show versions

< 1 >

	Name	Type	Last modified	Size	Storage class
No objects					
You don't have any objects in this bucket.					

Upload

Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

DevOps Assessment44: Graded / xmy-react-bucket369 - S3 bucket xBilling Management Console xAUS vs IND 3rd ODI Live Score / x+
s3.console.aws.amazon.com/s3/buckets/my-react-bucket369?region=ap-northeast-1&tab=permissions

awsServicesSearch [Alt+S]

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

Amazon S3 > Buckets > my-react-bucket369

my-react-bucket369 Info

Objects | Properties | Permissions | Metrics | Management | Access Points

Permissions overview

Access

Objects can be public

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Edit

Block all public access

Off

Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

DevOps Assessment44: Grad...my-react-bucket369 - S3 bu...Bucket policy examples - Am...Billing Management Console...AUS vs IND 3rd ODI Live Sco...+

s3.console.aws.amazon.com/s3/buckets/my-react-bucket369?region=ap-northeast-1&tab=permissions

awsServicesSearch[Alt+S]

GlobalVenkat

Successfully edited bucket policy.

Amazon S3 > Buckets > my-react-bucket369

my-react-bucket369Info

Publicly accessible

ObjectsPermissionsMetricsManagementAccess Points

Permissions overview

Access

Public

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Edit

FeedbackLanguage© 2023, Amazon Web Services India Private Limited or its affiliates.PrivacyTermsCookie preferences

DevOps Assessment...my-react-bucket...Bucket policy ex...Billing Managem...AUS vs IND 3rd...Word | Microsoft...Document10.doc...+

s3.console.aws.amazon.com/s3/buckets/my-react-bucket369?region=ap-northeast-1&tab=properties

awsServicesSearch[Alt+S]

GlobalVenkat

Amazon S3 > Buckets > my-react-bucket369

my-react-bucket369Info

Publicly accessible

ObjectsPropertiesPermissionsMetricsManagementAccess Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
Asia Pacific (Tokyo) ap-northeast-1	arn:aws:s3:::my-react-bucket369	March 22, 2023, 20:11:13 (UTC+05:30)

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

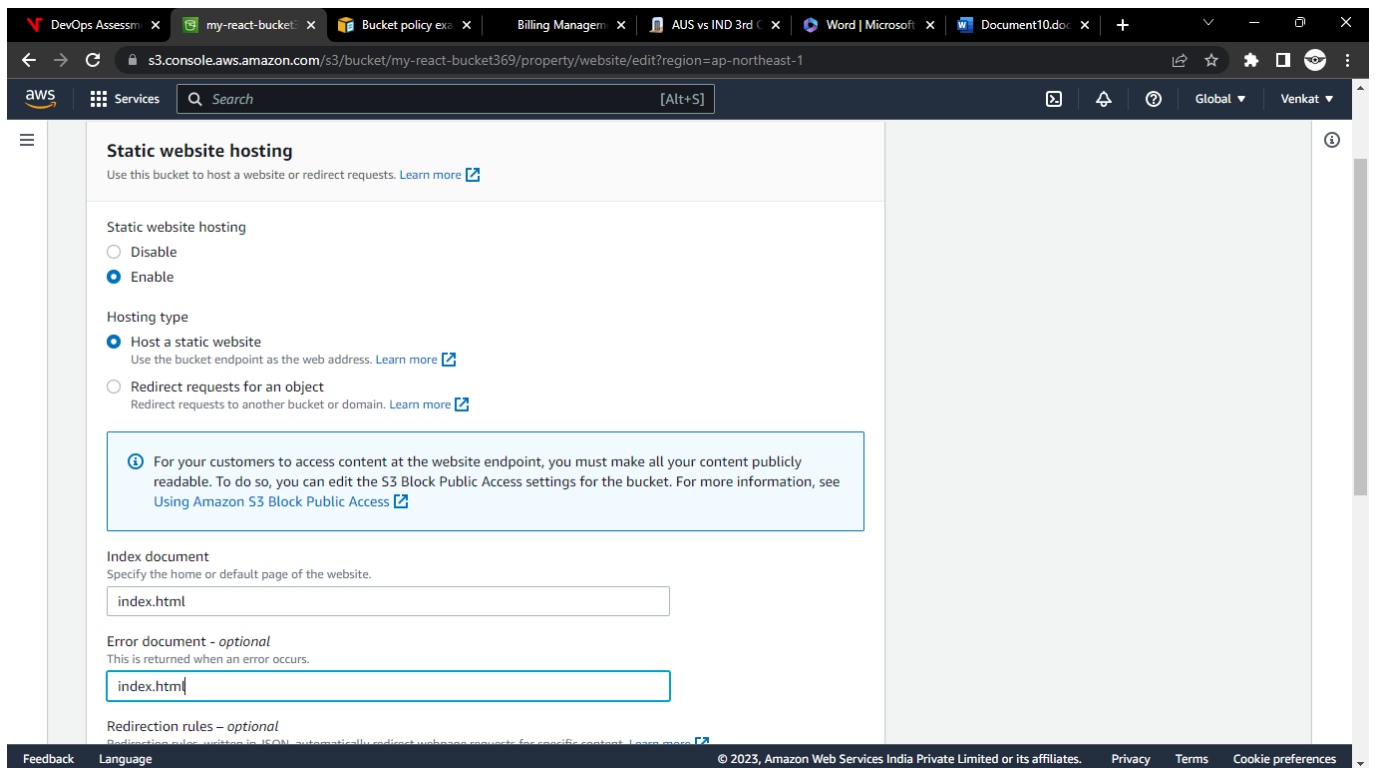
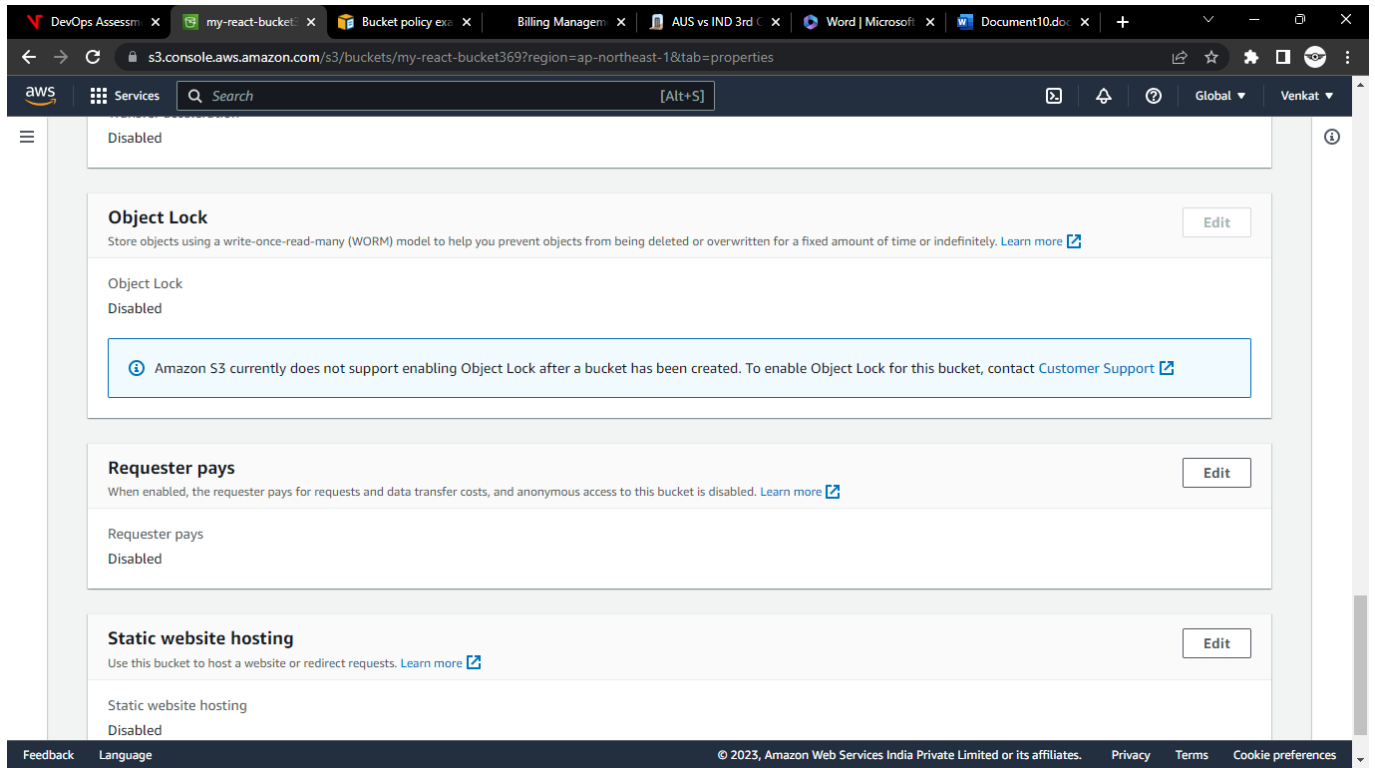
Edit

Bucket Versioning

Enabled

Multi-factor authentication (MFA) delete

FeedbackLanguage© 2023, Amazon Web Services India Private Limited or its affiliates.PrivacyTermsCookie preferences



```
npm install react react-dom react-scripts cra-template

C:\Windows\System32>npm install -g create-react-app
npm WARN deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.
added 67 packages, and audited 68 packages in 26s

5 packages are looking for funding
  run `npm fund` for details

2 high severity vulnerabilities

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.

C:\Windows\System32>create-react-app my-app

Creating a new React app in C:\Windows\System32\my-app.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

npm ERR! code FETCH_ERROR
npm ERR! errno FETCH_ERROR
npm ERR! invalid json response body at https://registry.npmjs.org/caniuse-lite reason: Invalid response body while trying to fetch https://registry.npmjs.org/caniuse-lite: Socket timeout

npm ERR! A complete log of this run can be found in:
npm ERR!   C:\Users\20a91\AppData\Local\npm-cache\_logs\2023-03-22T16_07_31Z-debug-0.log

Aborting installation.
  npm install --no-audit --save --save-exact --loglevel error react react-dom react-scripts cra-template has failed.

Deleting generated file... package.json
Deleting my-app/ from C:\Windows\System32
Done.

C:\Windows\System32>create-react-app my-app

Creating a new React app in C:\Windows\System32\my-app.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

[ ] / idealTree:eslint: timing idealTree:node_modules/eslint Completed in 1523ms
```

```
Select Administrator: C:\WINDOWS\system32\cmd.exe

Aborting installation.
  npm install --no-audit --save --save-exact --loglevel error react react-dom react-scripts cra-template has failed.

Deleting generated file... package.json
Deleting my-app/ from C:\Windows\System32
Done.

C:\Windows\System32>create-react-app my-app

Creating a new React app in C:\Windows\System32\my-app.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1419 packages in 5m

231 packages are looking for funding
  run `npm fund` for details

Initialized a git repository.

Installing template dependencies using npm...

added 62 packages, and changed 1 package in 41s

231 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...

removed 1 package, and audited 1481 packages in 9s

231 packages are looking for funding
  run `npm fund` for details

6 high severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Created git commit.

Success! Created my-app at C:\Windows\System32\my-app
```



```

Select Administrator: Windows PowerShell

npm run build
  Bundles the app into static files for production.

npm test
  Starts the test runner.

npm run eject
  Removes this tool and copies build dependencies, configuration files
  and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

  cd my-app
  npm start

Happy hacking!

C:\Windows\System32>cd my-app
C:\Windows\System32\my-app>npm start

> my-app@0.1.0 start
> react-scripts start

(node:15504) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(node:15504) (Use `node --trace-deprecation ...` to show where the warning was created)
(node:15504) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

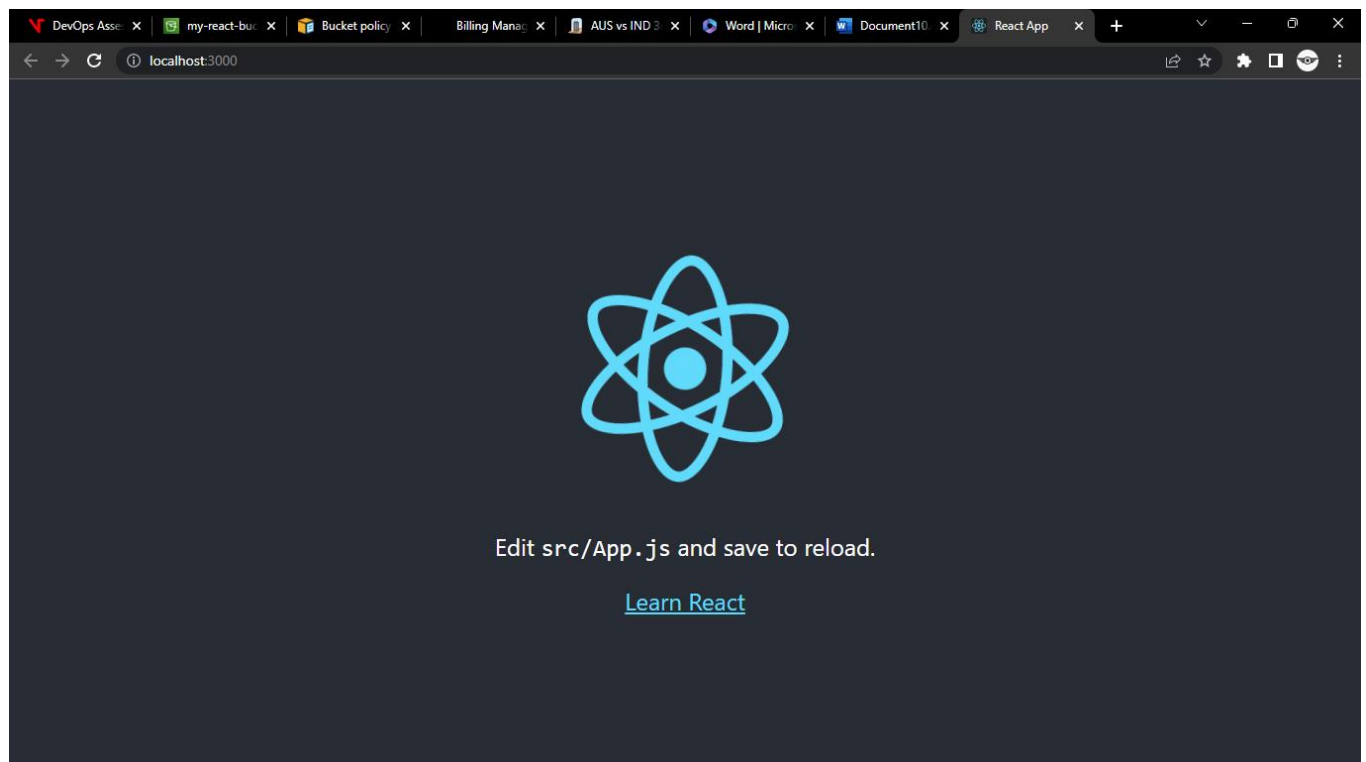
You can now view my-app in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.232.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully

```



Select Administrator: C:\WINDOWS\system32\cmd.exe

Compiled successfully!

You can now view my-app in the browser.

Local: http://localhost:3000
On Your Network: http://192.168.232.1:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully
Terminate batch job (Y/N)? y

C:\Windows\System32\my-app>npm run build

> my-app@0.1.0 build
> react-scripts build

Creating an optimized production build...
Compiled successfully.

File sizes after gzip:

46.61 kB	build\static\js\main.46f5c8f5.js
1.78 kB	build\static\js\787.28cb0dcd.chunk.js
541 B	build\static\css\main.073c9b0a.css

The project was built assuming it is hosted at `/`.
You can control this with the `homepage` field in your `package.json`.

The `build` folder is ready to be deployed.
You may serve it with a static server:

```
npm install -g serve
serve -s build
```

Find out more about deployment here:

<https://cra.link/deployment>

C:\Windows\System32\my-app>

Select Administrator: C:\WINDOWS\system32\cmd.exe - "node" "C:\Users\20a91\AppData\Roaming\npm\node_modules\serve\build\main.js" -s build

Creating an optimized production build...
Compiled successfully.

File sizes after gzip:

46.61 kB	build\static\js\main.46f5c8f5.js
1.78 kB	build\static\js\787.28cb0dcd.chunk.js
541 B	build\static\css\main.073c9b0a.css

The project was built assuming it is hosted at `/`.
You can control this with the `homepage` field in your `package.json`.

The `build` folder is ready to be deployed.
You may serve it with a static server:

```
npm install -g serve
serve -s build
```

Find out more about deployment here:

<https://cra.link/deployment>

C:\Windows\System32\my-app>npm install -g serve

added 89 packages, and audited 90 packages in 31s

24 packages are looking for funding
run `npm fund` for details

found 0 vulnerabilities

C:\Windows\System32\my-app>serve -s build

Serving!

- Local: http://localhost:3000
- Network: http://192.168.232.1:3000

Copied local address to clipboard!

```
cmd Select Administrator: C:\WINDOWS\system32\cmd.exe - "node" "C:\Users\20a91\AppData\Roaming\npm\node_modules\serve\build\main.js" -s build
Creating an optimized production build...
Compiled successfully.

File sizes after gzip:

 46.61 kB   build\static\js\main.46f5c8f5.js
 1.78 kB   build\static\js\787.28cb0dcd.chunk.js
 541 B     build\static\css\main.073c9b0a.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:

  https://cra.link/deployment

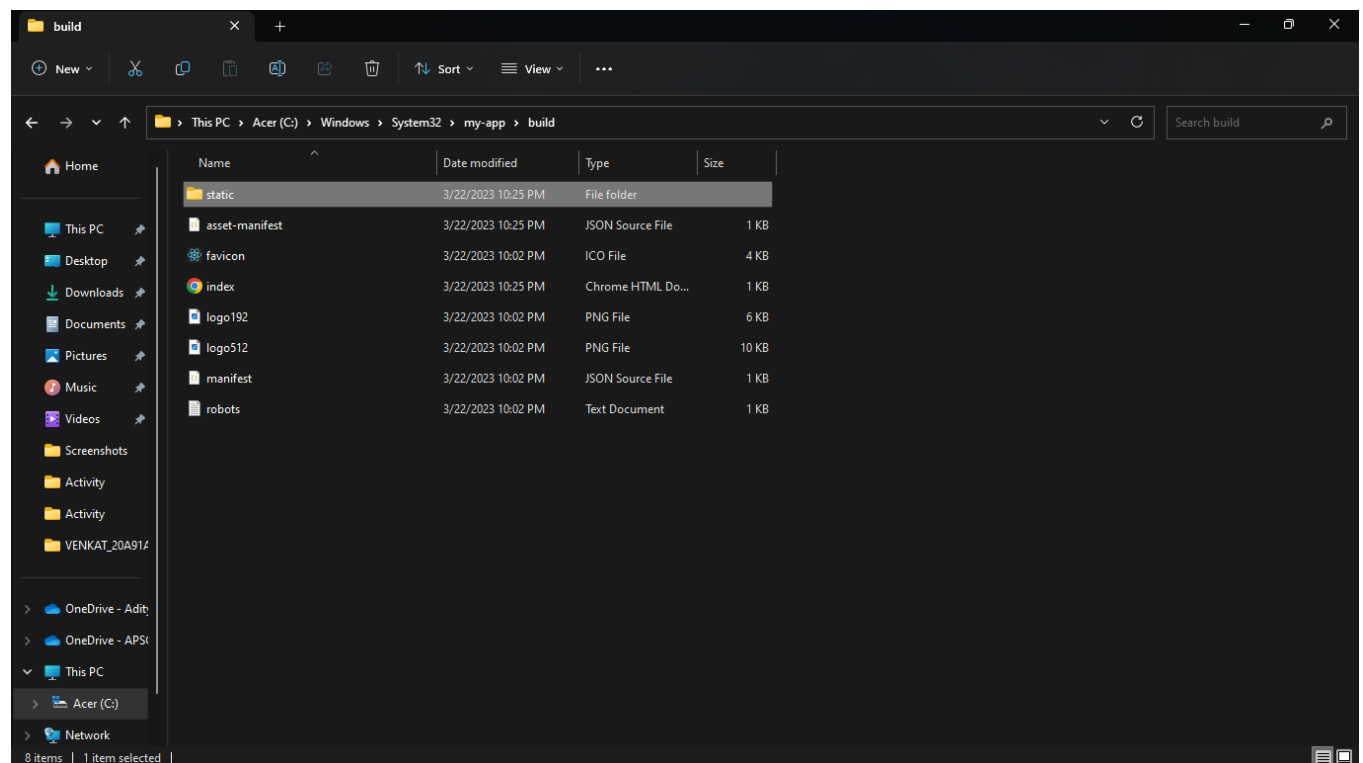
C:\Windows\System32\my-app>npm install -g serve
added 89 packages, and audited 90 packages in 31s

24 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Windows\System32\my-app>serve -s build

Serving!
- Local:    http://localhost:3000
- Network:  http://192.168.232.1:3000
Copied local address to clipboard!
```



Das xS3 xBuc xBili xAU: xWo xDoc xRea xQui xrea xfac: xfav: xfac: x

s3.console.aws.amazon.com/s3/upload/my-react-bucket369?region=ap-northeast-1

awsServicesec2

Amazon S3 > Buckets > my-react-bucket369 > 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**.

Files and folders (15 Total, 546.1 KB)

RemoveAdd filesAdd folder

All files and folders in this table will be uploaded.

Find by name< 1 2 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	787.28cb0dcd.chunk.js	-	text/javascript	4.5 KB
<input type="checkbox"/>	787.28cb0dcd.chunk.js.map	-	-	10.3 KB
<input type="checkbox"/>	asset-manifest.json	-	application/json	605.0 B
<input type="checkbox"/>	favicon.ico	-	image/x-icon	3.8 KB
<input type="checkbox"/>	index.html	-	text/html	644.0 B
<input type="checkbox"/>	logo.6ce24c58023cc2f8fd88fe9d219db6c6.svg	-	image/svg+xml	2.6 KB

FeedbackLanguage© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

Dashboard xS3 ManagxBucket poxBilli MaxAUS vs INxWord J MxDocument xReact App xQuick Star x

s3.console.aws.amazon.com/s3/upload/my-react-bucket369?region=ap-northeast-1

awsServicesSearch[Alt+S]

Uploading

Total remaining: 3 files: 4.4 KB(0.81%)

Estimated time remaining: a few seconds

Transfer rate: 21.8 KB/s

99%

Cancel

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination	Succeeded	Failed
s3://my-react-bucket369	12 files, 541.7 KB (99.19%)	0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (15 Total, 546.1 KB)

Find by name< 1 2 >

FeedbackLanguage© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

DashboardS3 ManagBucket polBilling MaAUS vs INWord | MiDocumentReact AppQuick Start

s3.console.aws.amazon.com/s3/upload/my-react-bucket369?region=ap-northeast-1

ServicesSearch[Alt+S]

GlobalVenkat

Upload succeeded
View details below.

Find by name

Name	Folder	Type	Size	Status	Error
787.28cb0dcd.chunk.js	-	text/javascript	4.5 KB	Succeeded	-
787.28cb0dcd.chunk.js.map	-	-	10.3 KB	Succeeded	-
asset-manifest.json	-	application/json	605.0 B	Succeeded	-
favicon.ico	-	image/x-icon	3.8 KB	Succeeded	-
index.html	-	text/html	644.0 B	Succeeded	-
logo.6ce24c58023cc2f8fd88fe9d219db6c6.svg	-	image/svg+xml	2.6 KB	Succeeded	-
logo192.png	-	image/png	5.2 KB	Succeeded	-
logo512.png	-	image/png	9.4 KB	Succeeded	-
main.073c9b0a.css	-	text/css	1.0 KB	Succeeded	-
main.073c9b0a.css.map	-	-	1.5 KB	Succeeded	-

FeedbackLanguage© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

Dashboardmy-react-lBucket polBilling MaAUS vs INWord | MiDocumentReact AppQuick Start

s3.console.aws.amazon.com/s3/buckets/my-react-bucket369?region=ap-northeast-1&tab=properties

ServicesSearch[Alt+S]

GlobalVenkat

Disabled

Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact [Customer Support](#)

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays
Disabled

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://my-react-bucket369.s3-website-ap-northeast-1.amazonaws.com>

my-react-bucket369.s3-website-ap-northeast-1.amazonaws.com© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

