

- Host a react application on an S3 Bucket and deliver it through cloudfront.

Create a bucket (saroj-reacthost-bucket)
goto permission > uncheck block public access

bucket policy

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Statement1",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::saroj-reacthost-bucket/*"
    }
  ]
}
```

Goto the react folder
npm start
npm run build

aws s3 sync build s3://saroj-reacthost-bucket --profile lft-training

```
saroj@saroj-Inspiron-3576: ~/Downloads/nodrec/practicereact$ aws s3 sync build s3://saroj-reacthost-bucket
upload: build/asset-manifest.json to s3://saroj-reacthost-bucket/asset-manifest.json
upload: build/static/css/main.435d5fe5.chunk.css.map to s3://saroj-reacthost-bucket/static/css/main.435d5fe5.chunk.css.map
upload: build/index.html to s3://saroj-reacthost-bucket/index.html
upload: build/favicon.ico to s3://saroj-reacthost-bucket/favicon.ico
upload: build/logo512.png to s3://saroj-reacthost-bucket/logo512.png
upload: build/robots.txt to s3://saroj-reacthost-bucket/robots.txt
upload: build/precache-manifest.8847d5289dcb86dd63ef804de955aa40.js to s3://saroj-reacthost-bucket/precache-manifest.8847d5289dcb86dd63ef804de955aa40.js
upload: build/manifest.json to s3://saroj-reacthost-bucket/manifest.json
upload: build/static/css/main.435d5fe5.chunk.css to s3://saroj-reacthost-bucket/static/css/main.435d5fe5.chunk.css
upload: build/service-worker.js to s3://saroj-reacthost-bucket/service-worker.js
upload: build/logo192.png to s3://saroj-reacthost-bucket/logo192.png
upload: build/static/js/2.d7e4cb6b.chunk.js.LICENSE.txt to s3://saroj-reacthost-bucket/static/js/2.d7e4cb6b.chunk.js.LICENSE.txt
upload: build/static/js/3.021c6e8b.chunk.js to s3://saroj-reacthost-bucket/static/js/3.021c6e8b.chunk.js
upload: build/static/js/main.ff9d8630.chunk.js to s3://saroj-reacthost-bucket/static/js/main.ff9d8630.chunk.js
upload: build/static/js/3.021c6e8b.chunk.js.map to s3://saroj-reacthost-bucket/static/js/3.021c6e8b.chunk.js.map
upload: build/static/js/runtime-main.fea0f44c.js to s3://saroj-reacthost-bucket/static/js/runtime-main.fea0f44c.js
upload: build/static/js/main.ff9d8630.chunk.js.map to s3://saroj-reacthost-bucket/static/js/main.ff9d8630.chunk.js.map
upload: build/static/js/runtime-main.fea0f44c.js.map to s3://saroj-reacthost-bucket/static/js/runtime-main.fea0f44c.js.map
upload: build/static/js/2.d7e4cb6b.chunk.js to s3://saroj-reacthost-bucket/static/js/2.d7e4cb6b.chunk.js
upload: build/static/js/2.d7e4cb6b.chunk.js.map to s3://saroj-reacthost-bucket/static/js/2.d7e4cb6b.chunk.js.map
saroj@saroj-Inspiron-3576: ~/Downloads/nodrec/practicereact$
```

  <https://saroj-reacthost-bucket.s3.amazonaws.com/index.html>

Hello From Reactjs

goto static web hosting

Amazon S3 > saroj-reacthost-bucket > Edit static website hosting

Edit static website hosting [Info](#)

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting
☐ Disable
☒ Enable

Hosting type
☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)
☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

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 the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document
Specify the home or default page of the website.

Error document - optional

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← → ↻ https://s3.console.aws.amazon.com/s3/buckets/saroj-reacthost-bucket?region=us-east-1&tab=properties

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Amazon S3 × Successfully edited static website hosting.

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
Feature spotlight
AWS Marketplace for S3

Amazon S3 > saroj-reacthost-bucket

saroj-reacthost-bucket [Info](#)

Publicly accessible

Objects Properties Permissions Metrics Management Access Points

Bucket overview

AWS Region US East (N. Virginia) us-east-1	Amazon Resource Name (ARN) arn:aws:s3::saroj-reacthost-bucket	Creation date December 14, 2021, 08:50:15 (UTC+05:45)
---	--	--

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
Disabled
Multi-factor authentication (MFA) delete

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goto > cloud front
create distribution

Create distribution

Origin

Origin domain

Choose an Amazon Web Services origin, or enter your origin's domain name.

🔍 saroj-reacthost-bucket.s3-website-us-east-1.amazonaws.com ✕

Origin path - optional [Info](#)

Enter a URL path to append to the origin domain name for origin requests.

Enter the origin path

Name

Enter a name for this origin.

saroj-reacthost-bucket

Add custom header - optional


CloudFront includes this header in all requests that it sends to your origin.

Add header

Viewer protocol policy

- ☐ HTTP and HTTPS
- ☒ Redirect HTTP to HTTPS
- ☐ HTTPS only

goto error pages

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Error response [Info](#)

HTTP error code
Customize the custom error response when the origin sends this error code.

404: Not Found ▼

Error caching minimum TTL
Enter the error caching minimum time to live (TTL), in seconds.

10 ↕

Customize error response
Send a custom error response instead of the error received from the origin.

☐ No

☒ Yes

Response page path
Enter the path to the custom error response page.

/

HTTP Response code
Choose the HTTP status code to return to the viewer. CloudFront can return a different status code to the viewer than what it received from the origin.

200: OK ▼

Cancel Create custom error response

🔒 <https://d3j7i9sftmnwl7.cloudfront.net>

Hello From Reactjs

🔒 <https://d3j7i9sftmnwl7.cloudfront.net/ds>

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