4. create an S3 bucket and deploy the reactjs static application on it and provide with the public url for use.

An Amazon S3 bucket is a [public cloud](https://www.techtarget.com/searchcloudcomputing/definition/public-cloud) storage resource available in Amazon Web Services' ([AWS](https://www.techtarget.com/searchaws/definition/Amazon-Web-Services)) Simple Storage Service ([S3](https://www.techtarget.com/searchaws/definition/Amazon-Simple-Storage-Service-Amazon-S3)), an [object storage](https://www.techtarget.com/searchstorage/definition/object-storage) offering. Amazon S3 buckets, which are similar to file folders, store objects, which consist of [data](https://www.techtarget.com/searchdatamanagement/definition/data) and its descriptive metadata.

Step 1: Sign in to the AWS Management Console and open the Amazon S3

Step 2: click on create bucket

Step 3: **Enter Bucket name uncheck all public access, check I acknowledge, and click on Create Bucket**

**Step 4: click on the properties tab**

**Step 5:  Click on the edit button of Static Website hosting**

Step 6: **Enable static website hosting, enter index.html in Index document and Error document and click on Save changes.**

**Step 7: Select created bucket and click on the permissions tab**

**Step 8: Click on edit Bucket policy**

**Step 9: Click on Edit Bucket Policy and paste the policy in policy editor and replace your bucket name and click on save changes.**

**Connect the instance in command prompt using SSH client Command**

**Check for node version**

**$node -v**

Create a new React.js project called ‘reactapp’

**$ npx create-react-app reactapp**

Change the directory into reactapp

**$cd reactapp**

**Run and start the app using npm manager**

**$npm run build**

**$npm start**

**Verify the application using the url localhost:3000 in new tab**

**Upload all build documents from pc to s3 bucket**

**Now from properties tab copy the url and paste it in the new tab to view the reactjs application**