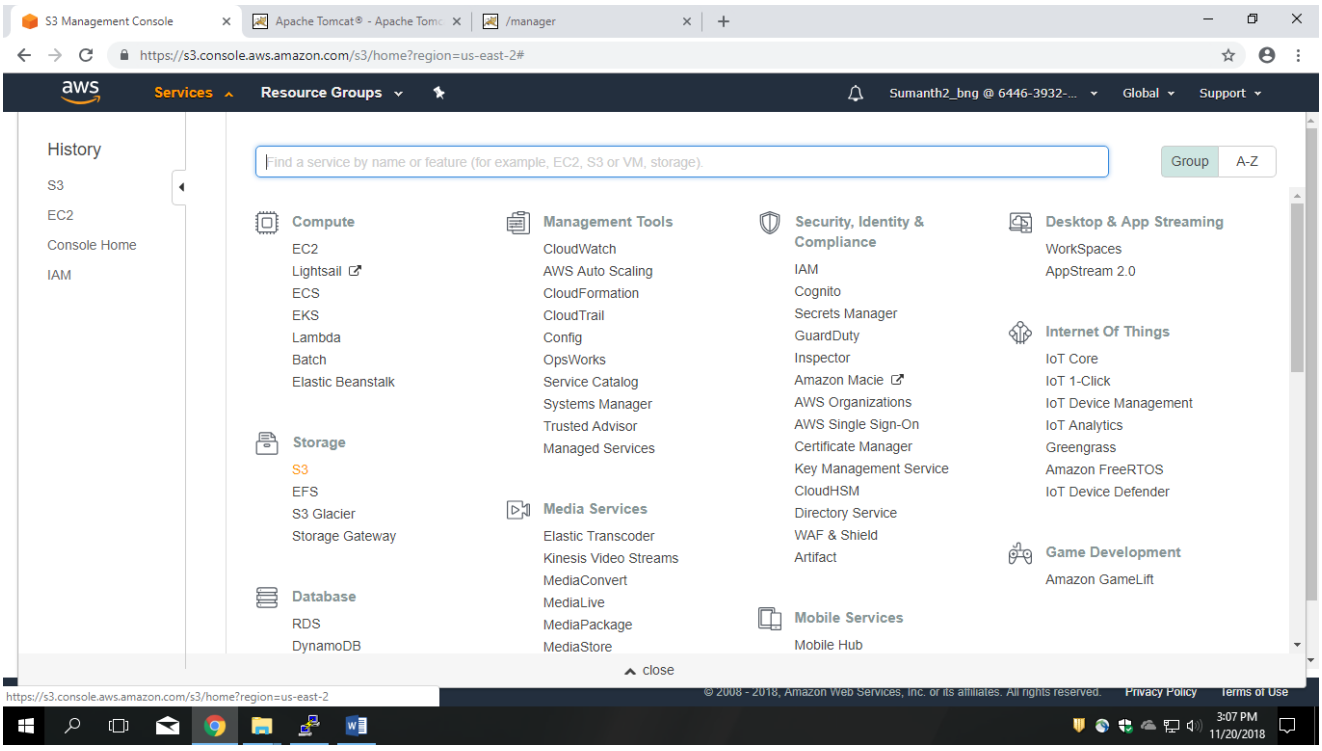
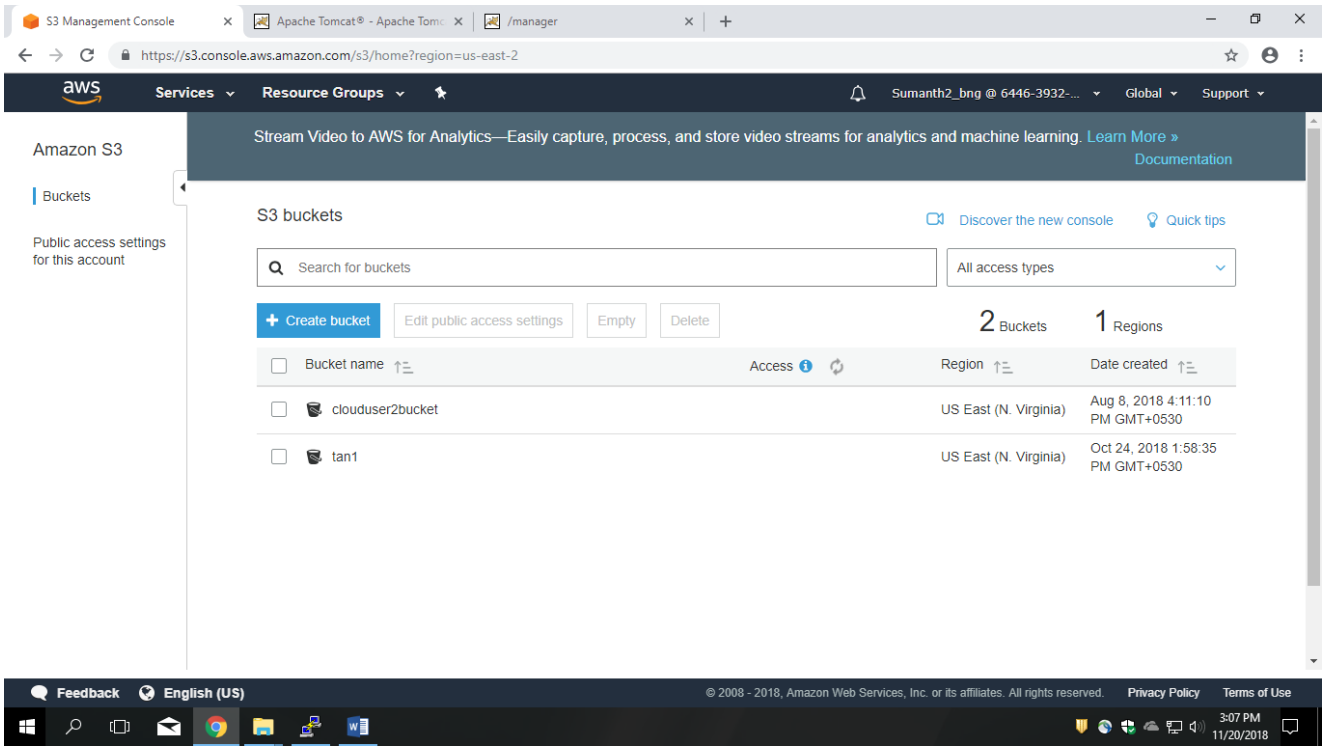
Simple Storage Service(S3)

Step-1:- Click on "**Services**".
Under the "**Storage**" Section, Click on "**S3**".

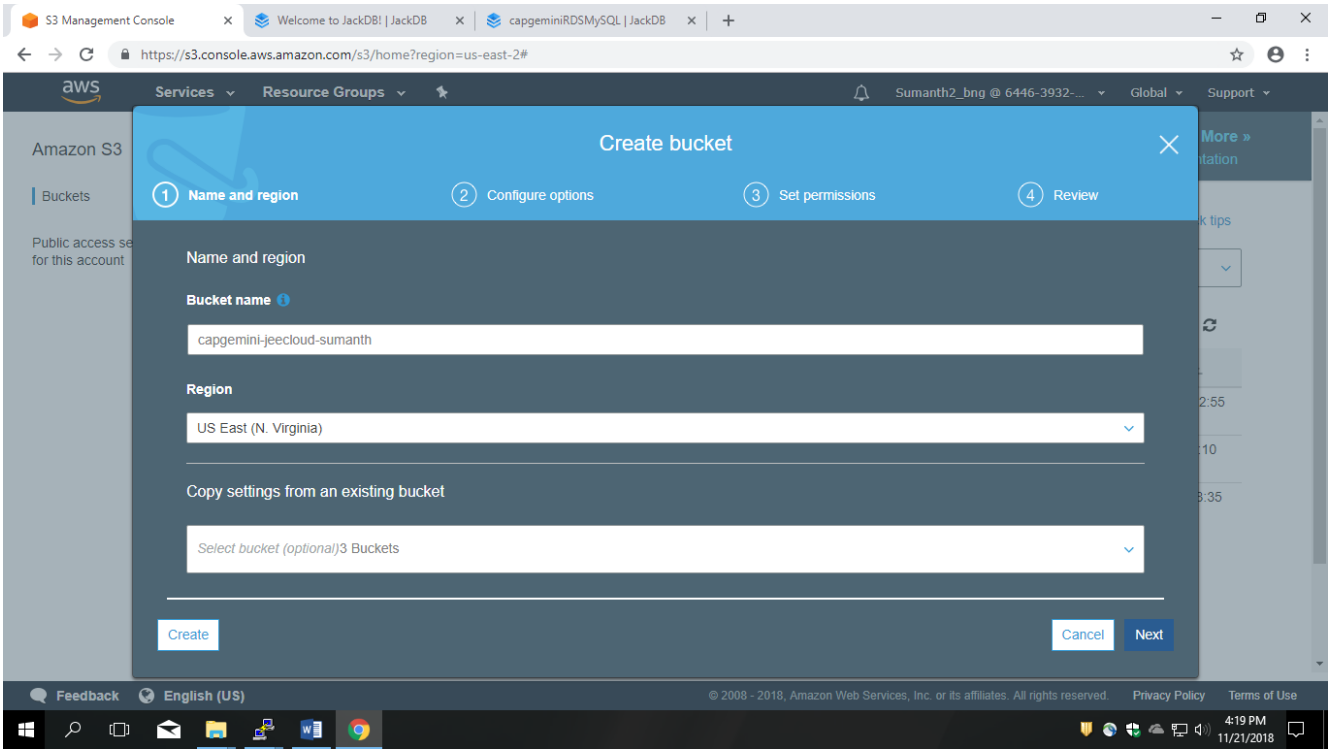


Step-2:- In the S3 Page, Click on "**Create Bucket**" to create a new S3 Bucket.



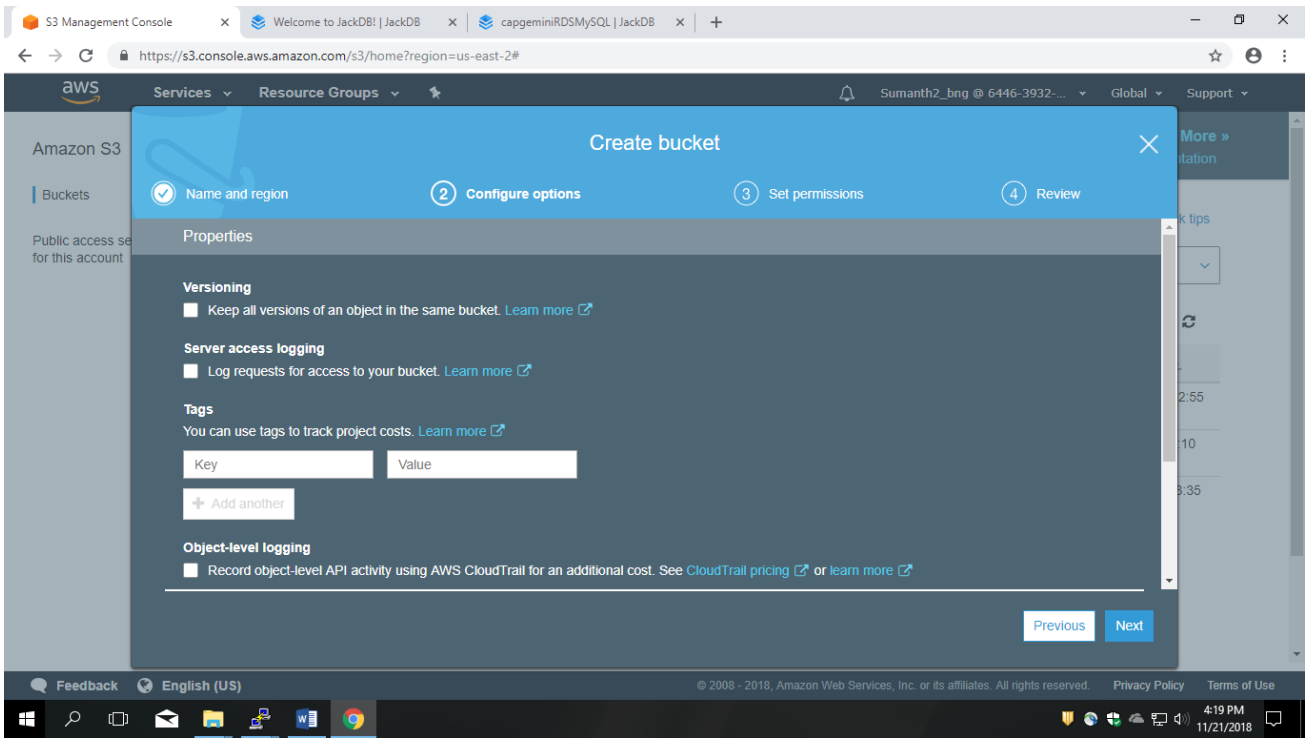
Step-3:- The 1st Step in creating bucket is "**Giving Name and Choosing the Region**".

***Note:-The Bucket Name should be a Unique Name.**



Step-4:- The 2nd Step is "**Configure Options**".

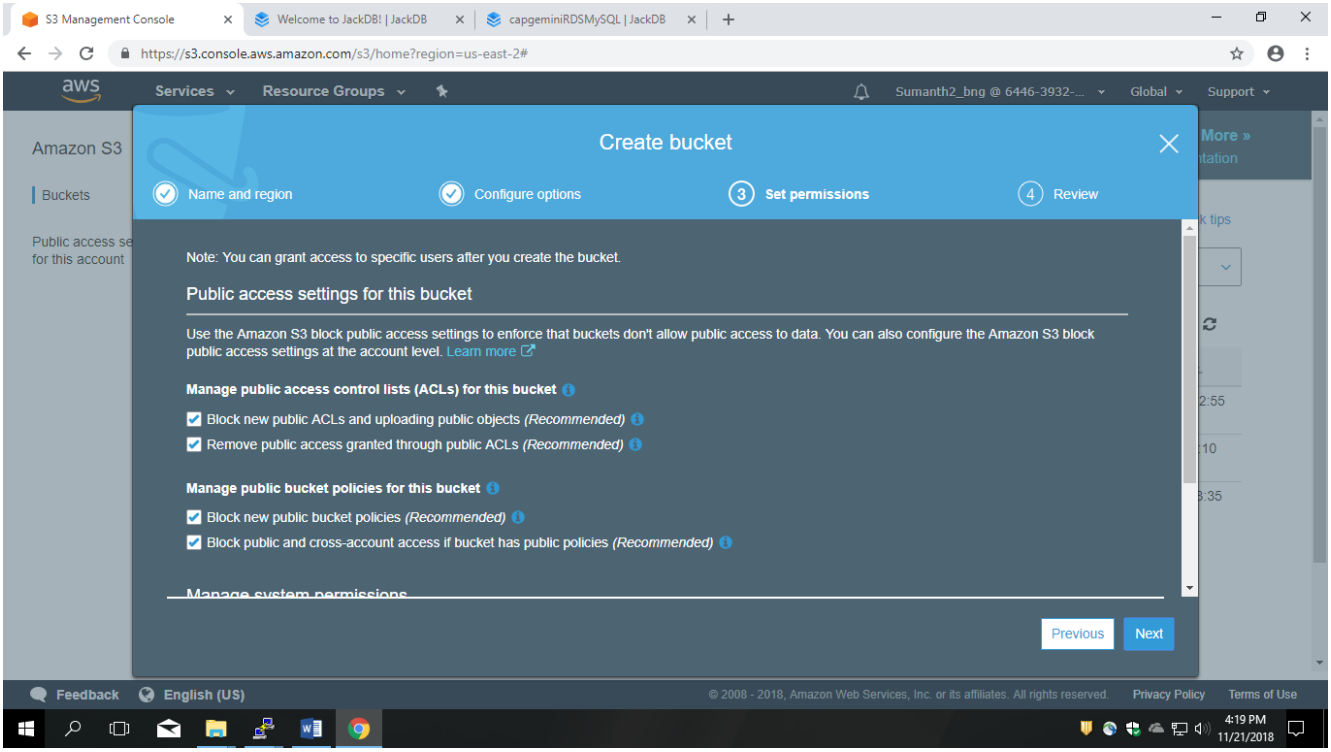
Don't make any changes here, leave it as it is and go to next step.



Step-5:- The 3rd Step is "**Set Permissions**".

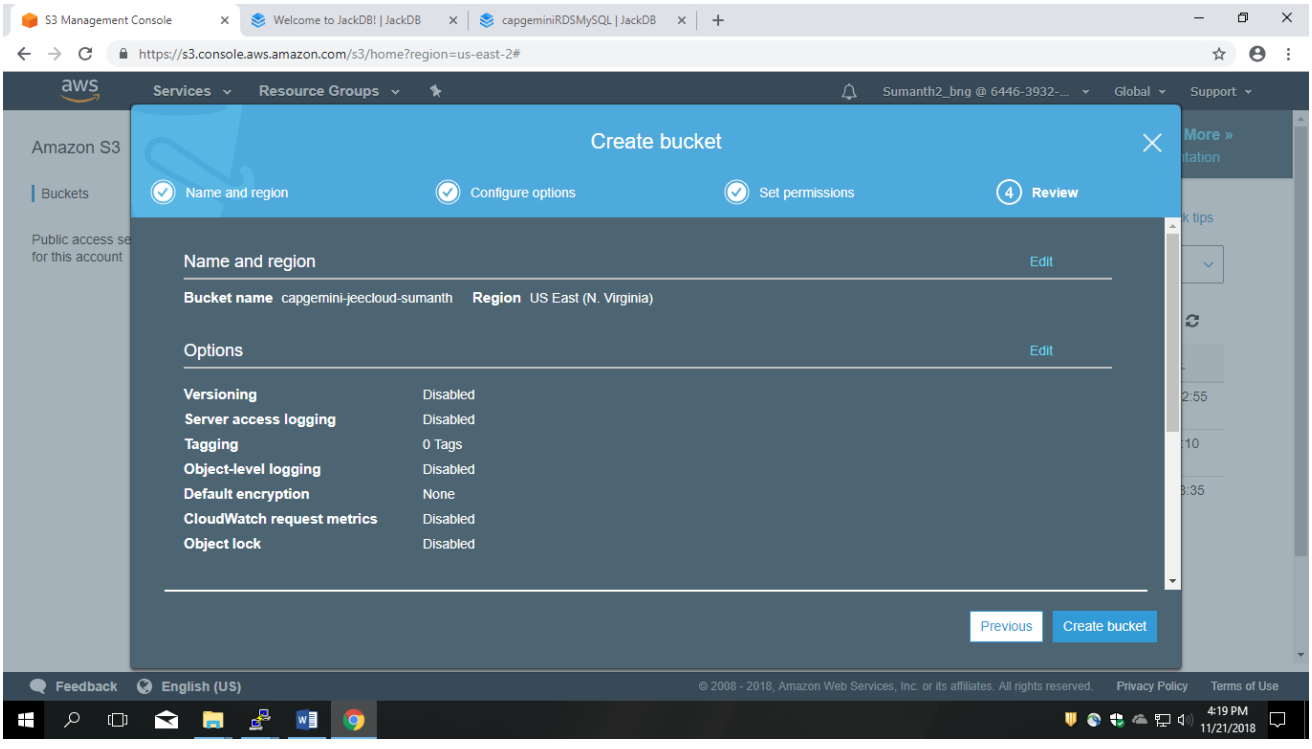
To get **Public Access** to the file you upload to the bucket, **uncheck the first 2 checkboxes under "Manage Public Access Control Lists (ACLs) for this bucket"**.

Then click on Next.



Step-6:- The 4th Step is "**Review**".

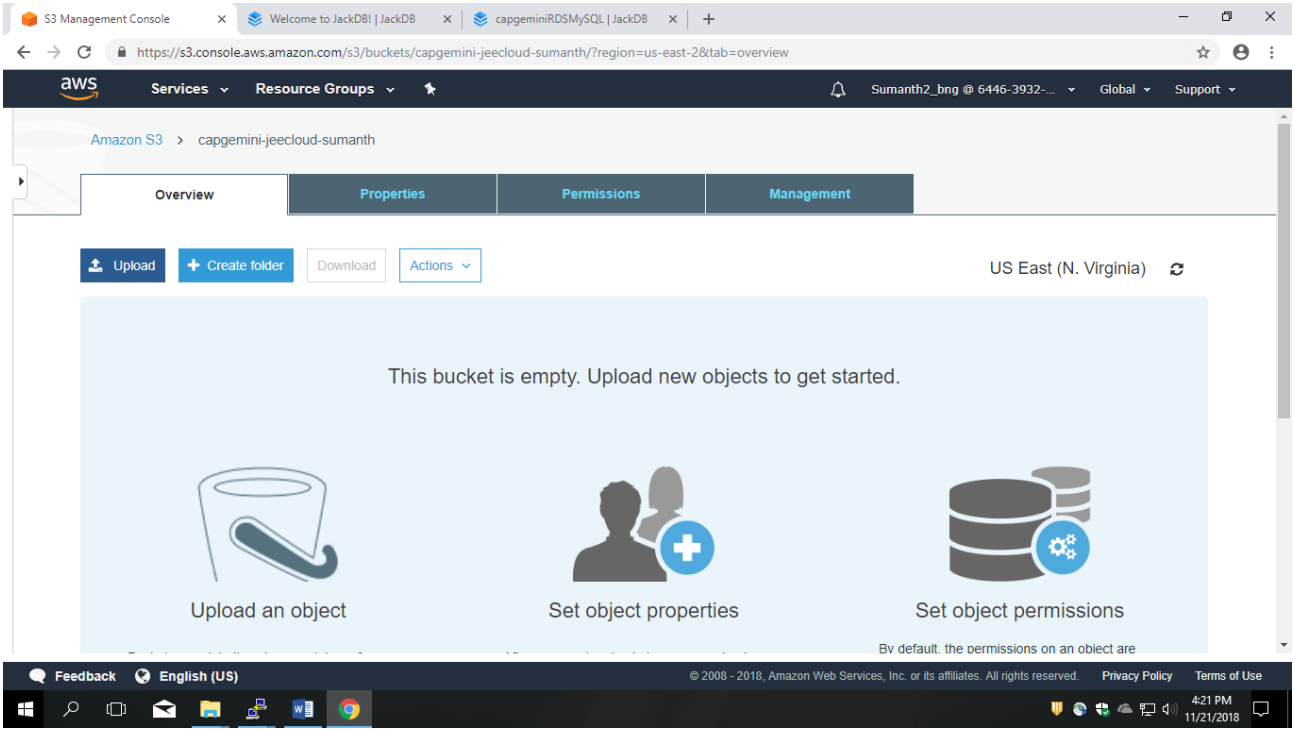
Once you review everything, Click on "**Create Bucket**". This will create your S3 bucket.



Step-7:- Once you have created the bucket, now you have to **Upload some Files** into it.

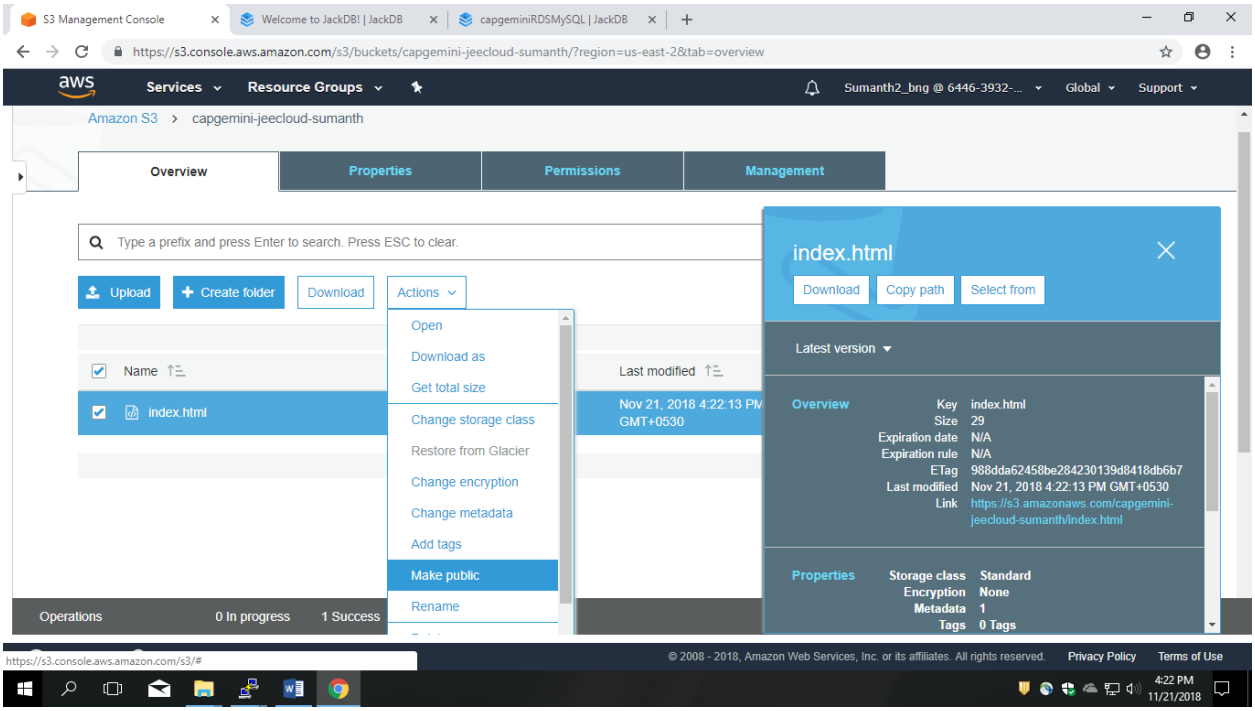
To upload files into bucket, 1st **open your bucket**, then click on **upload**, then click on **add files**, **choose any file** you want to upload and then **upload it**.

Then you have to go through **4 steps** – "**Overview, Properties, Permissions & Management**".

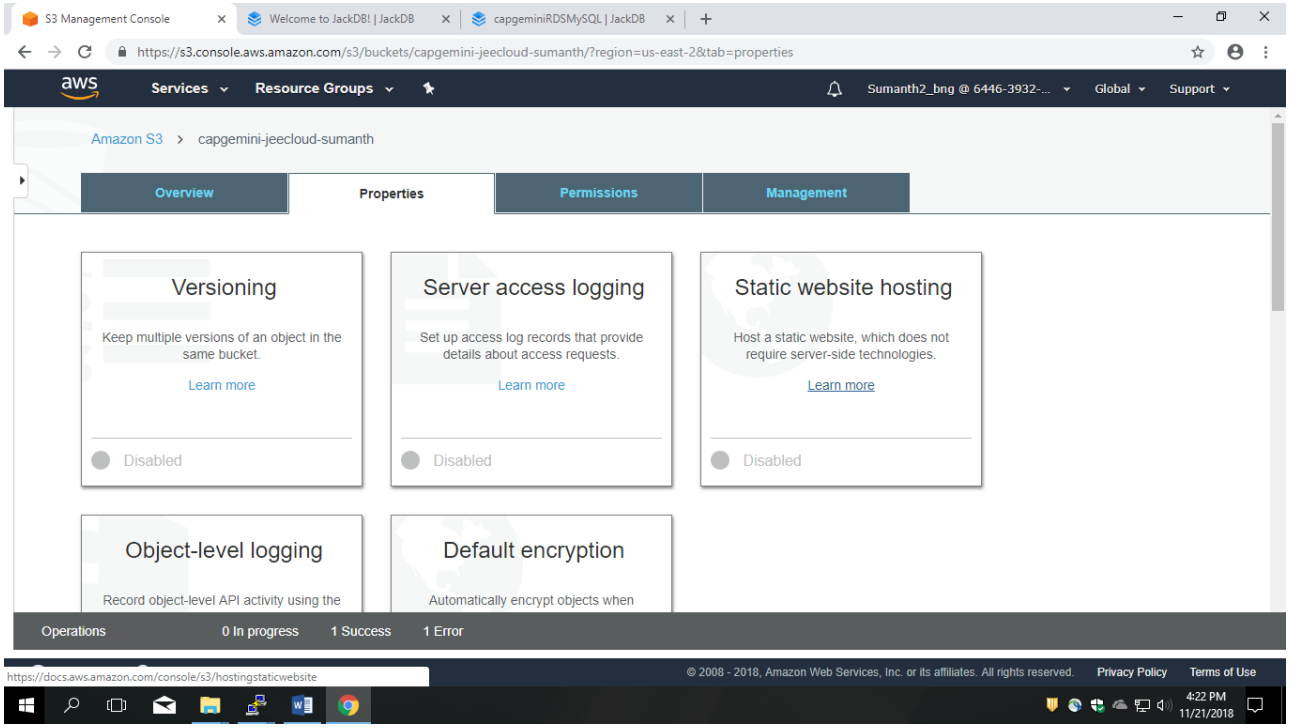


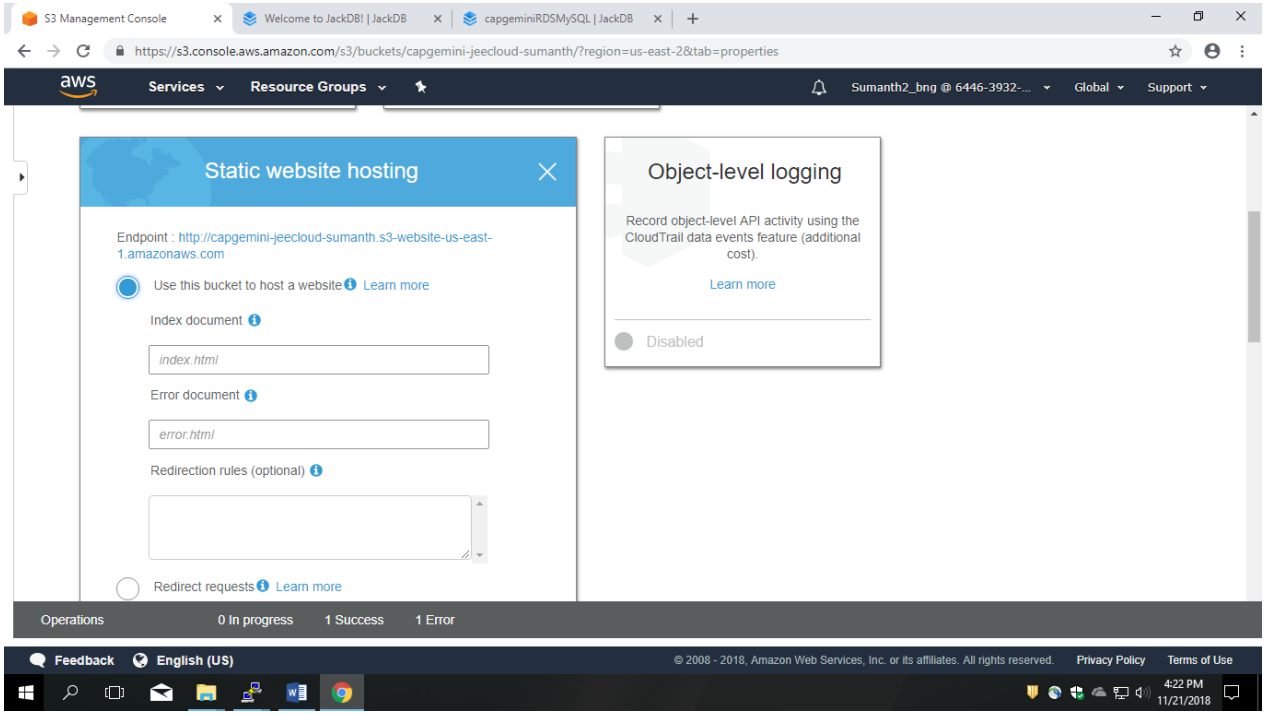
Step-8:- In the **Overview** section your uploaded file will be shown.

Select your file, go to **Actions**, & click on **make public** to make your file accessible to anyone.



Step-9:- Now go to **Properties** and click on "**Static WebSite Hosting**". This is used to make your bucket useful to host a static website.



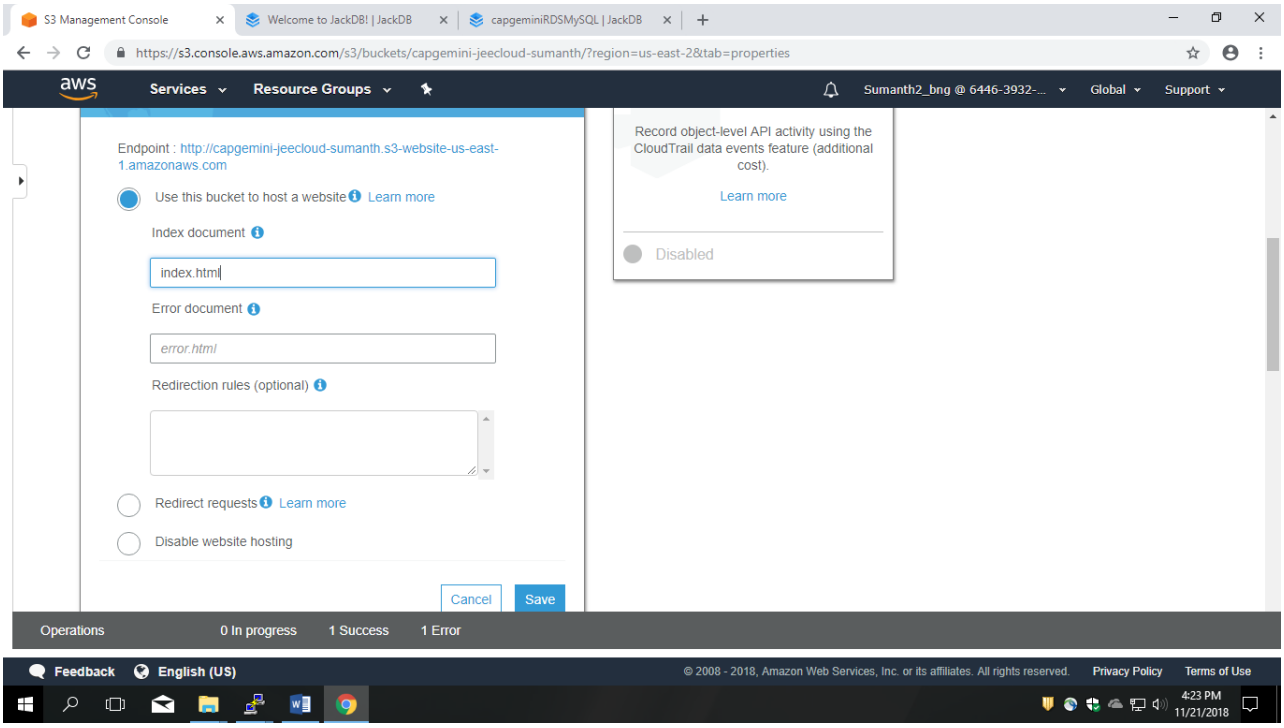


Give the **index document** name (Eg. index.html) which you have uploaded into the bucket and which you want your bucket to host.

The **Error document** name is optional.

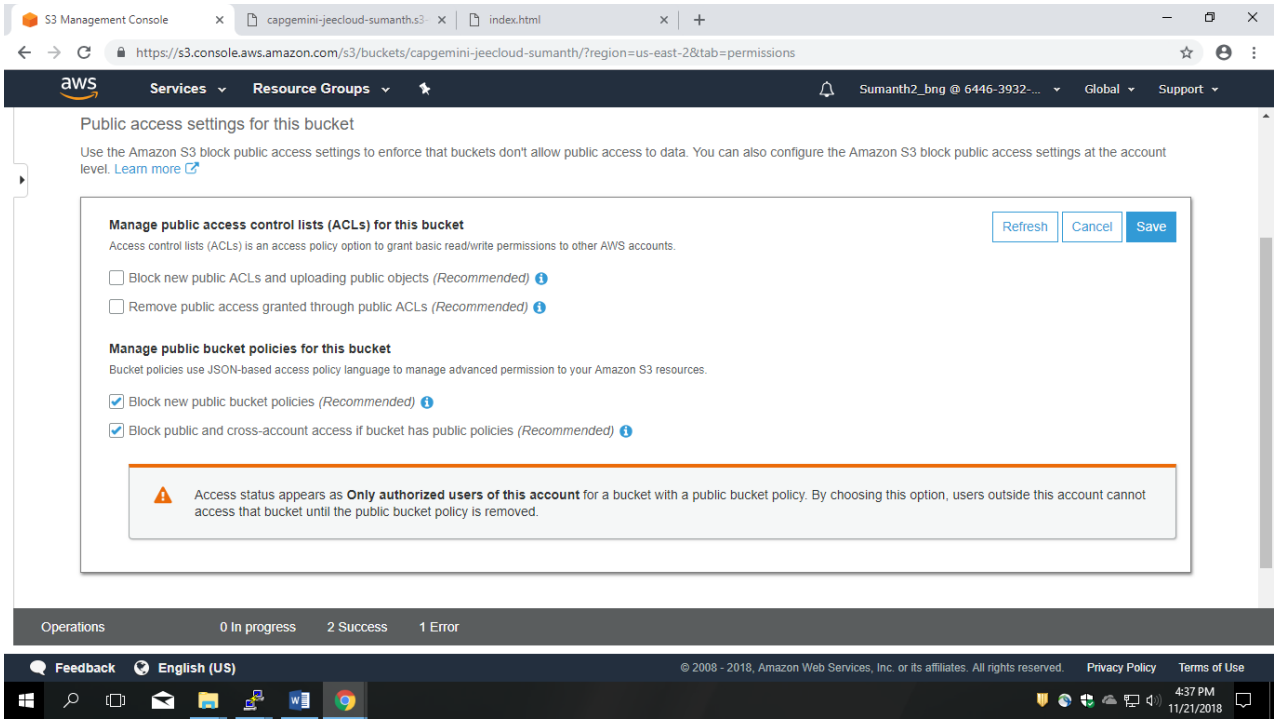
Now you can **save** this settings by clicking on **save button**.

Before you save make sure you **copy the Endpoint URL**. Because it is required later to host the website from the browser.

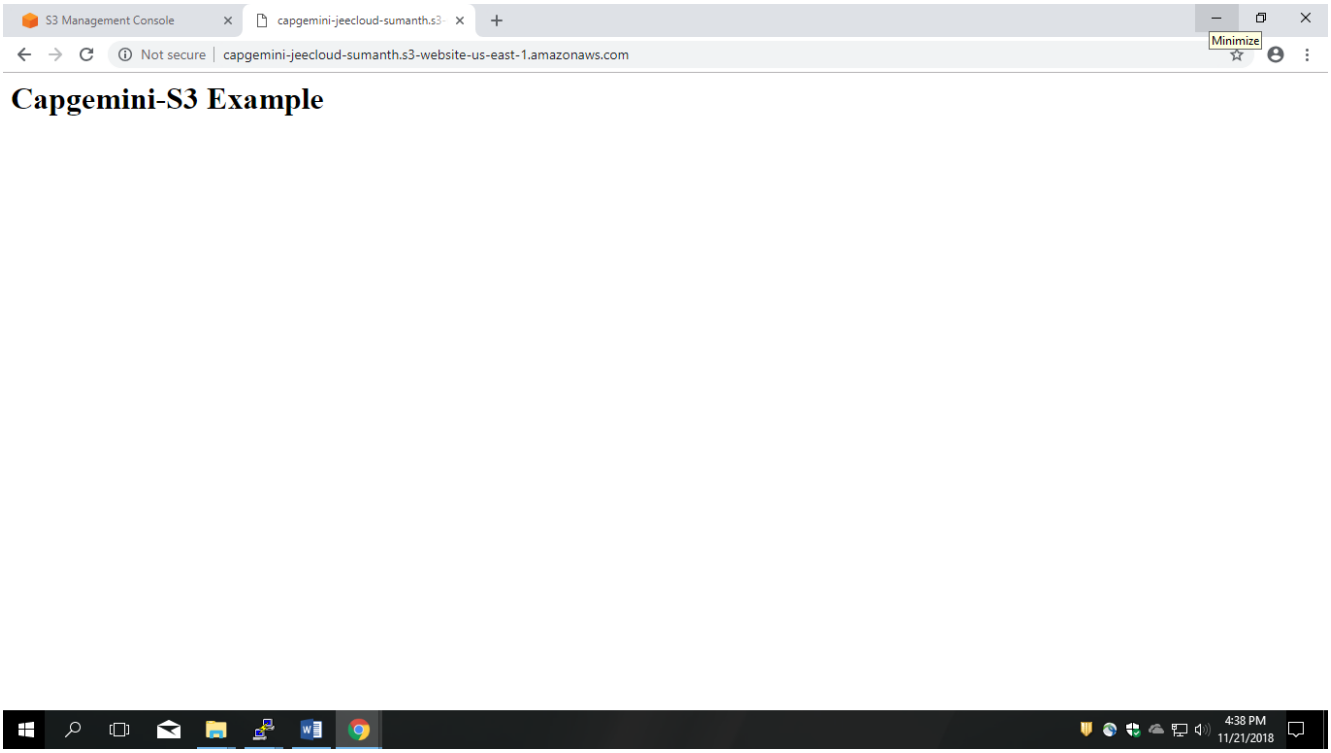


Step-10:- Don't make any changes in the **Permissions** and the **Management** sections.

And **Save these settings**.



Step-11:- Once all these is done, **paste the Endpoint URL** which you copied earlier **into your Browser URL address bar and press Enter Key**. Now you will get your uploaded file hosted on the browser.



Step-12:-

If you want to **Delete your uploaded file** from the S3 Bucket, **Select your file, go to Actions, Click on Delete.**

Some Info about S3:-

- S3 is Object Based Store.
- You cannot install and run applications on S3.
- S3 gives upto 99.99% of availability, it maintains maximum 3 copies across 3 different data centers.
- S3 has 99.99999999999 durability.
- You can store unlimited amount of data on S3.
- Maximum size of file/object on S3 can be 5TB.
- You can host static websites on S3.

Uses :-

- For backups, VM backups, DB backups, EBS Volume backups.
- For storing BigData.
- For storing images, videos, pdfs, documents, etc.