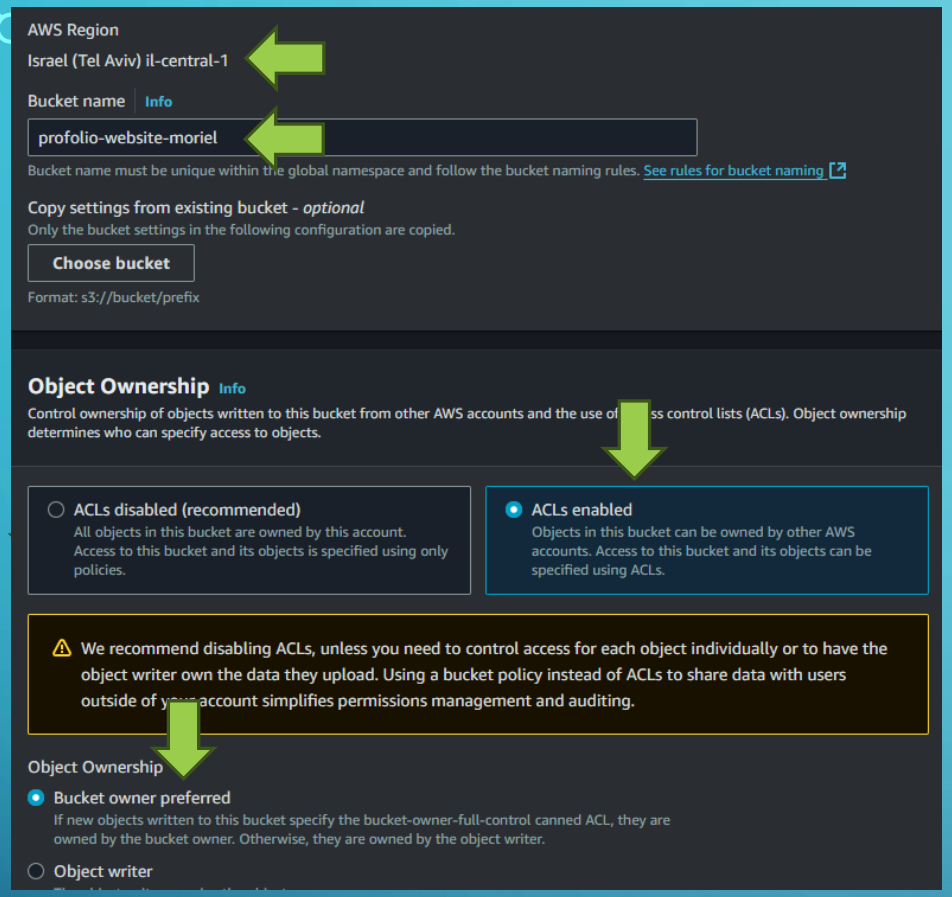
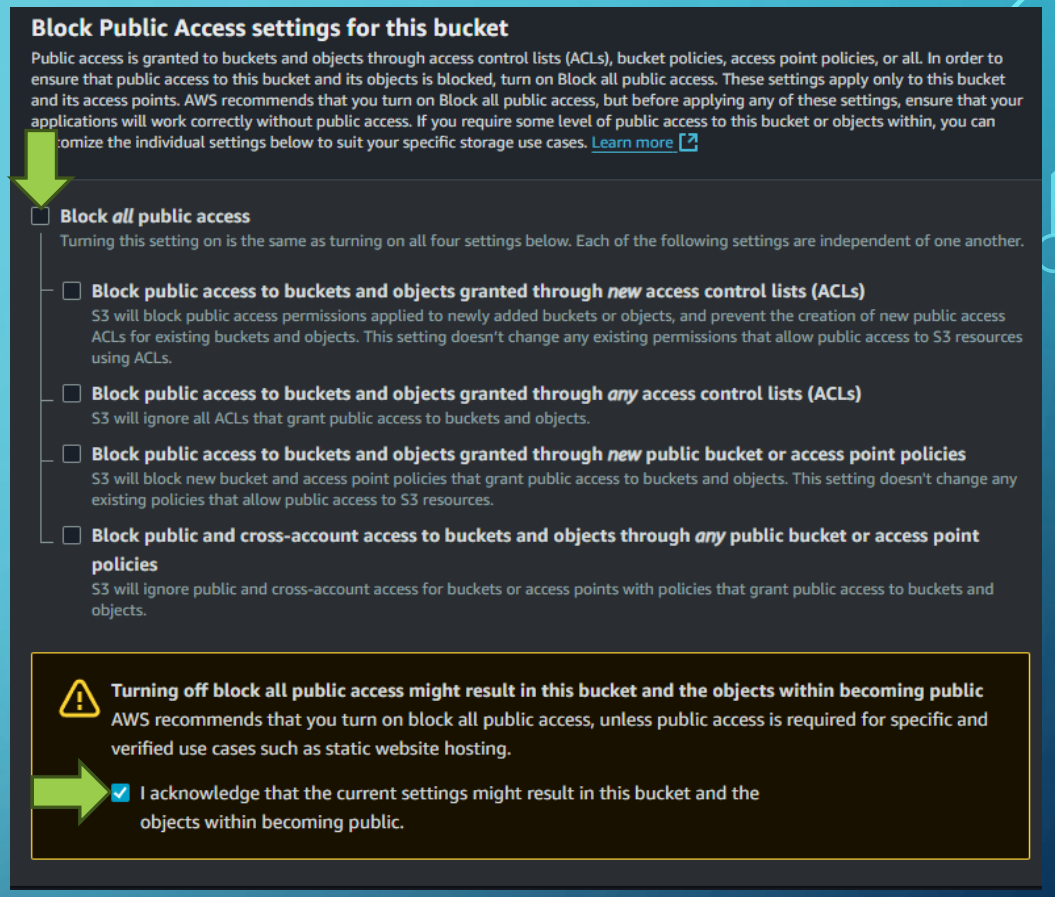
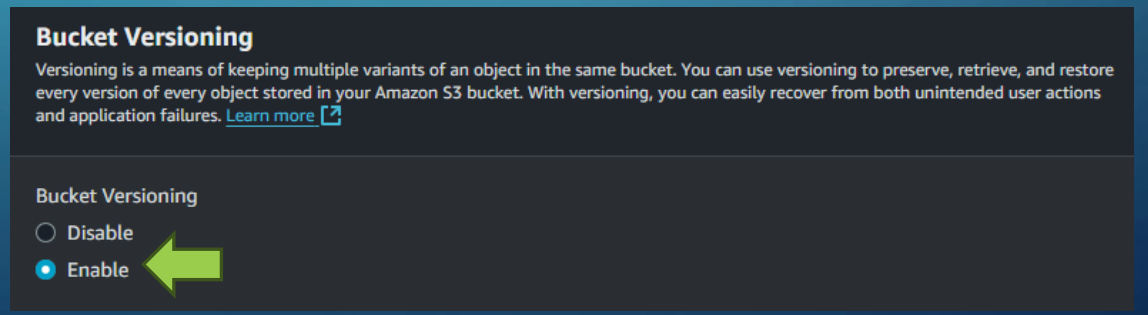
HOST A WEBSITE ON AWS S3

AMAZON S3 BUCKET

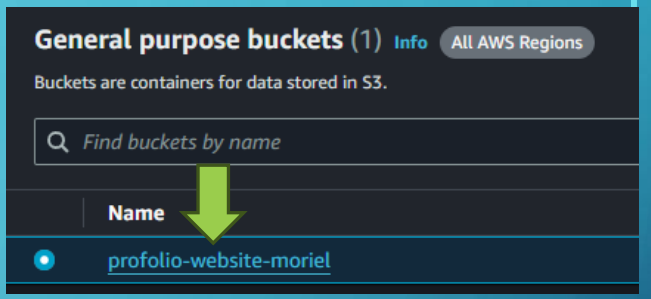
- Pick your region
- **Create** an Amazon s3 bucket
- Name the s3 bucket- names are globally unique (name is as the domain you want)
- Pick **ACLs enabled**: a set of rules that decides who can get access to resources
- Remove **Block *all* public access**: so everyone can get access
- Check the box **I acknowledge that the current settings might result in this bucket and the objects within becoming public.**
- Enable **Bucket Versioning**
- **Create The Bucket!**

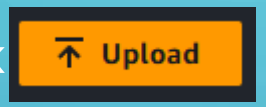




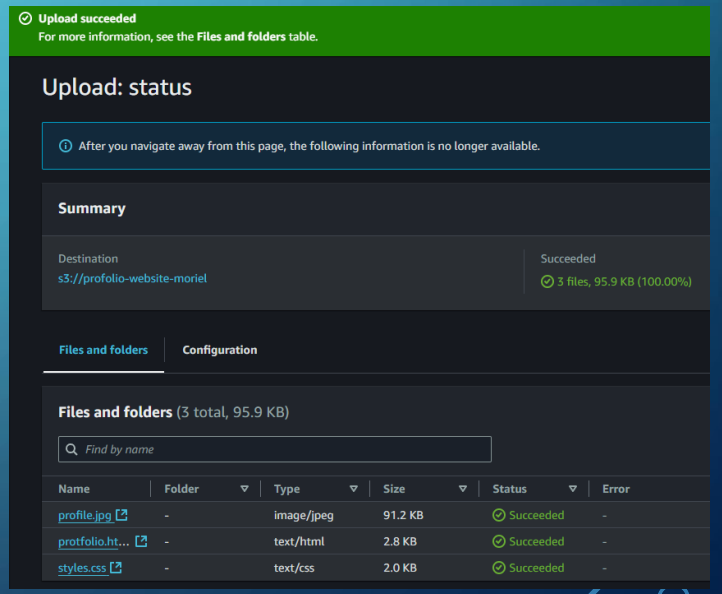


UPLOAD TO S3 BUCKET



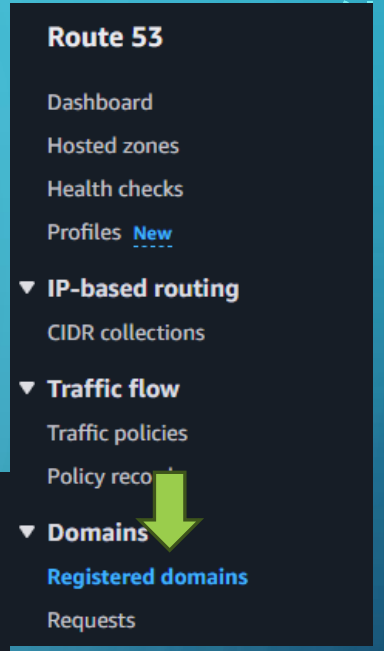
- After the bucket is created, we need to upload the HTML and CSS files
- Click on the bucket then click 

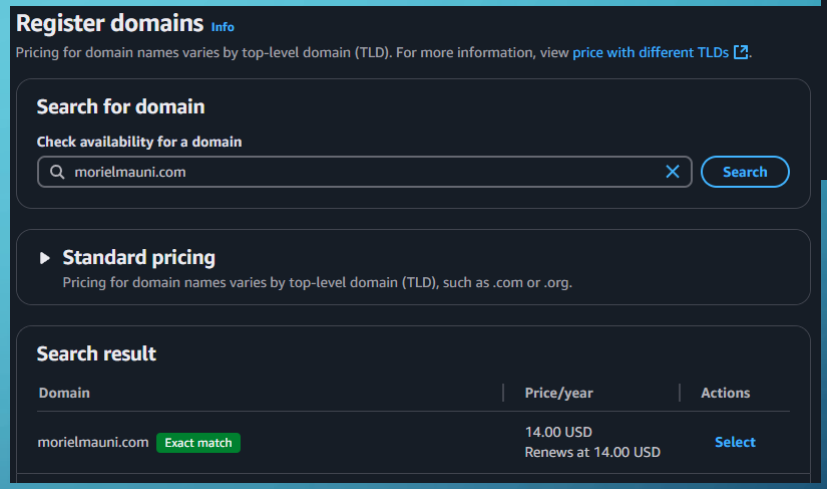
- Wait for it to finish

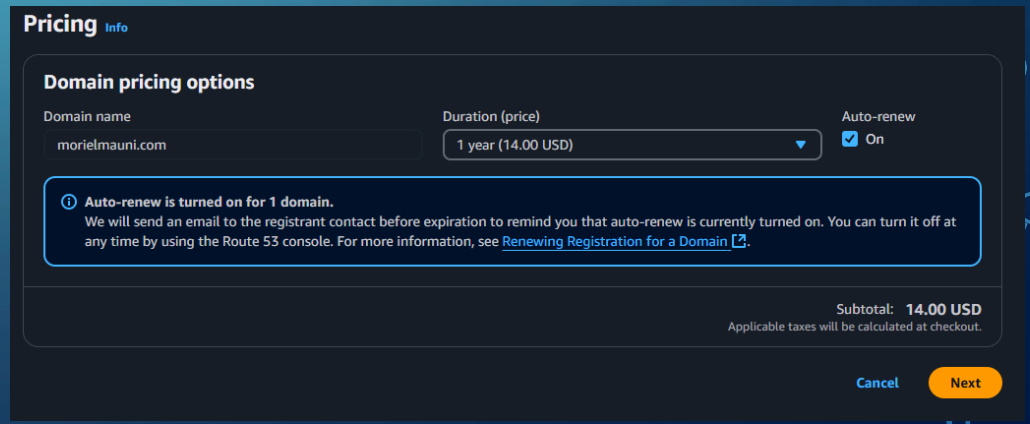


ROUTE 53:
HOSTING ON YOUR DOMAIN

- Enter **Rout 53**
- under **Domains** > **Registered Domain**
- Pick **Register domains**
- Check for availability and TLD
  - .click is the cheapest
- Click on **Select**
  - You have the option to auto renew
- Click on **next** and fill **Registrant contact**
- Wait until approval of the domain

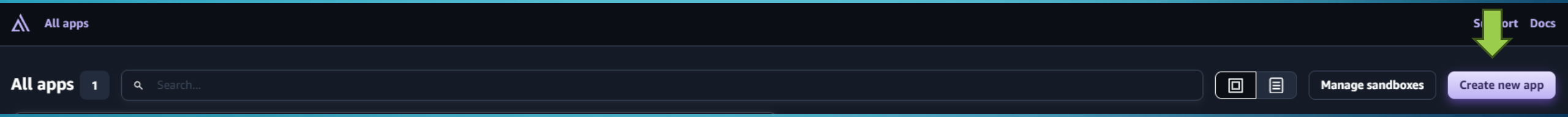




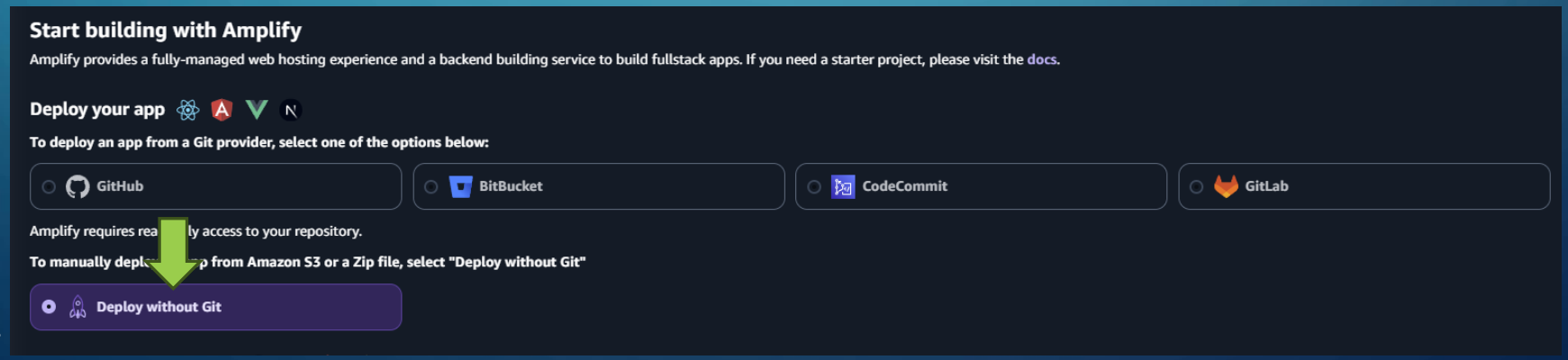


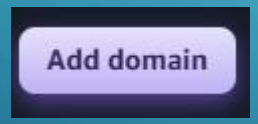
AMAZON AMPLIFY

- After we got our s3 bucket with all the files and the domain we want from Route 53, now we going to host out website online with HTTPS certification using Amazon Amplify.
- Also, Amazon Amplify secures the s3 bucket with the polices we need.

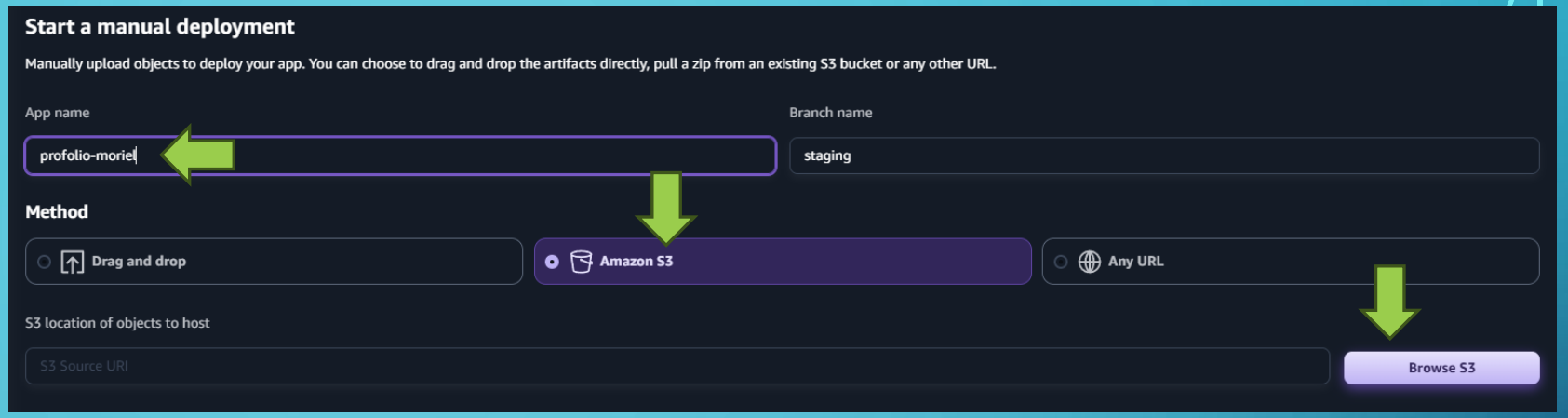


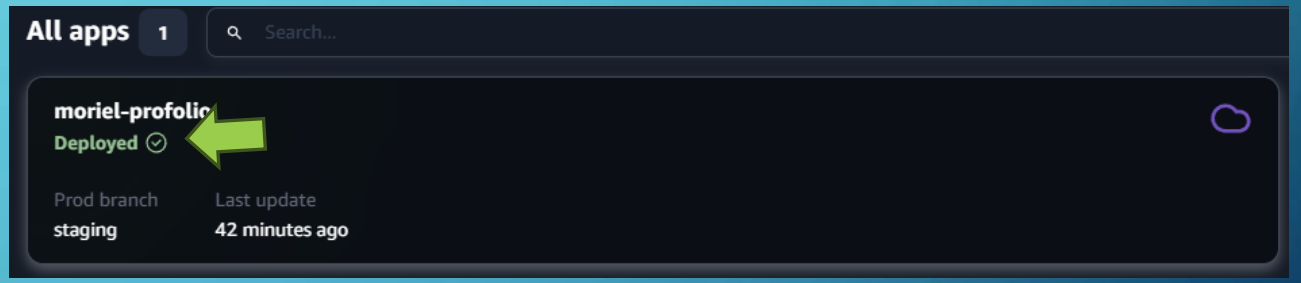
- After **Creating new app,** pick **Deploy with Git**

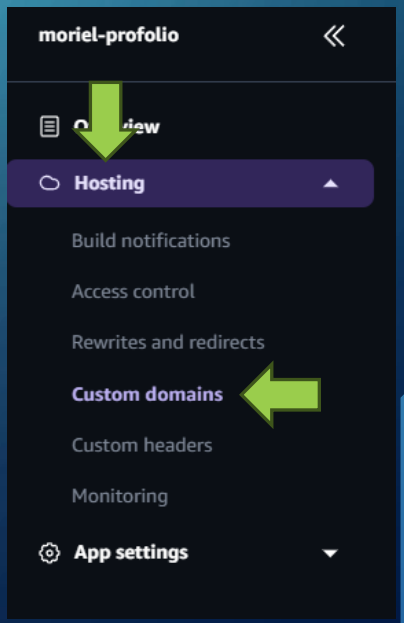


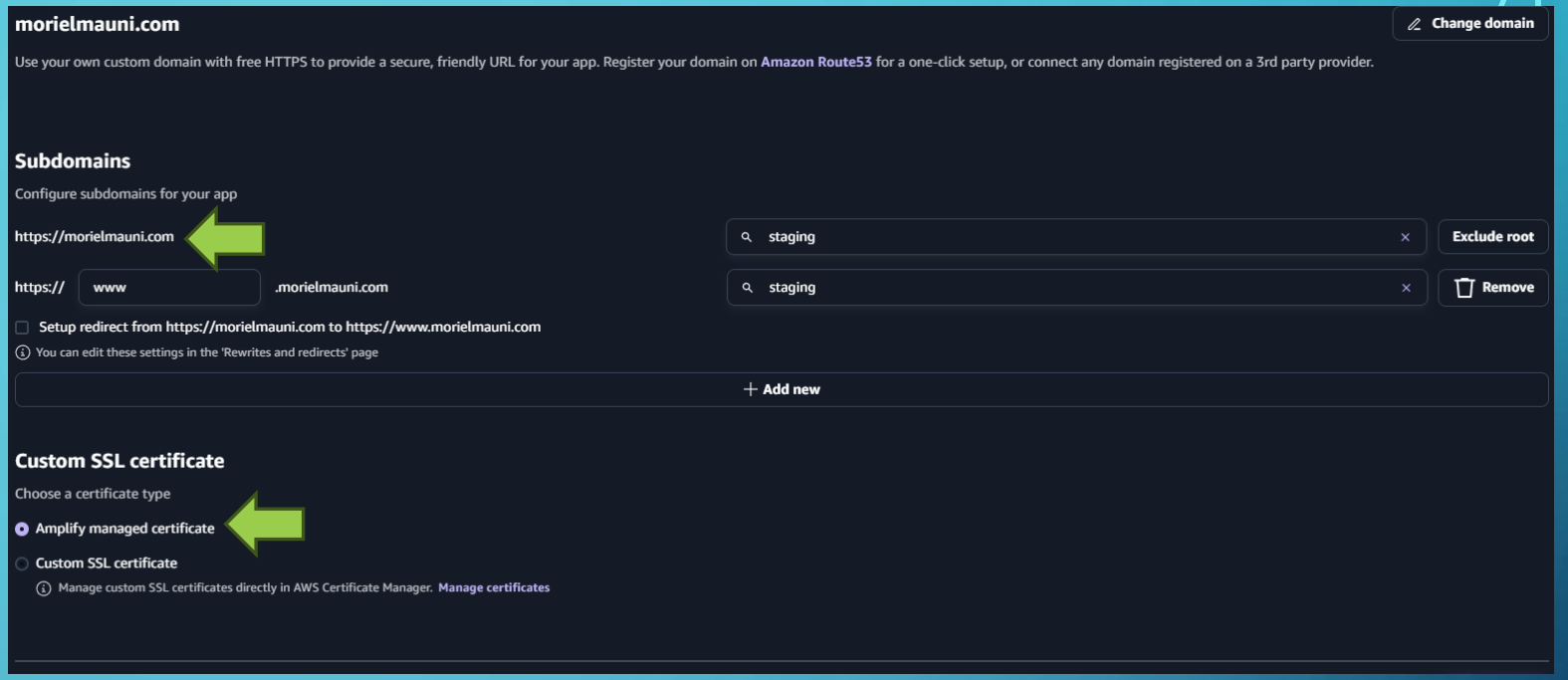
- Name the app
- Pick **Amazon s3**
- And then **Save and Deploy**
- After the app is live
- Let's add out custom domain
- Under **Hosting** > **Custom domains**
- Click 

- Pick your domain- if the domain was made with Route 53, you can pick it from it or just write the domain name.

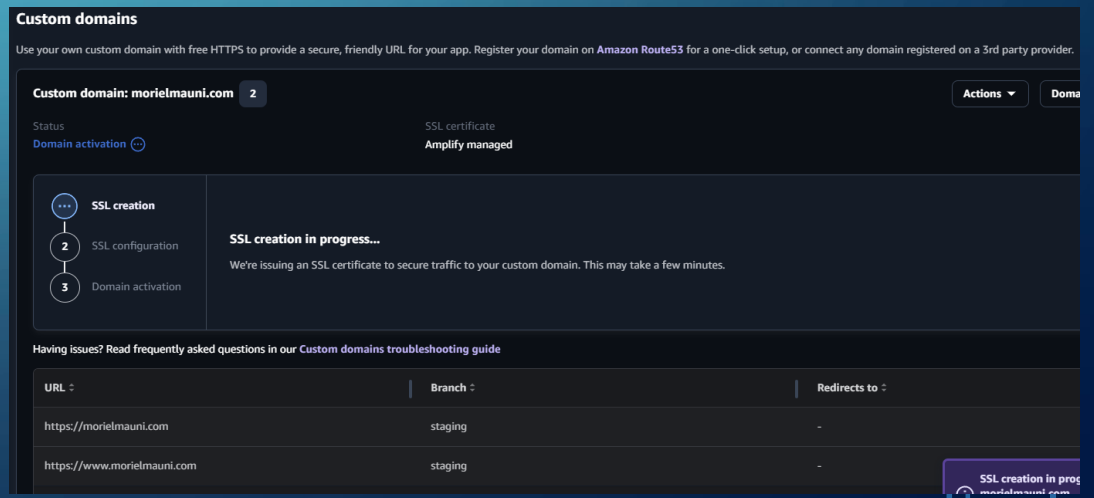








- The default settings are good most of the time unless you watt a custom SSL
- Let AWS Amplify work his charms and get you SSL Certificate
- There are 3 steps, after them you can visit the website with your custom domain.



CONGRATULATIONS!

- We did it! We have a full Website with SSL certification
- Note: if you want to update the website, update the files on s3 bucket then: