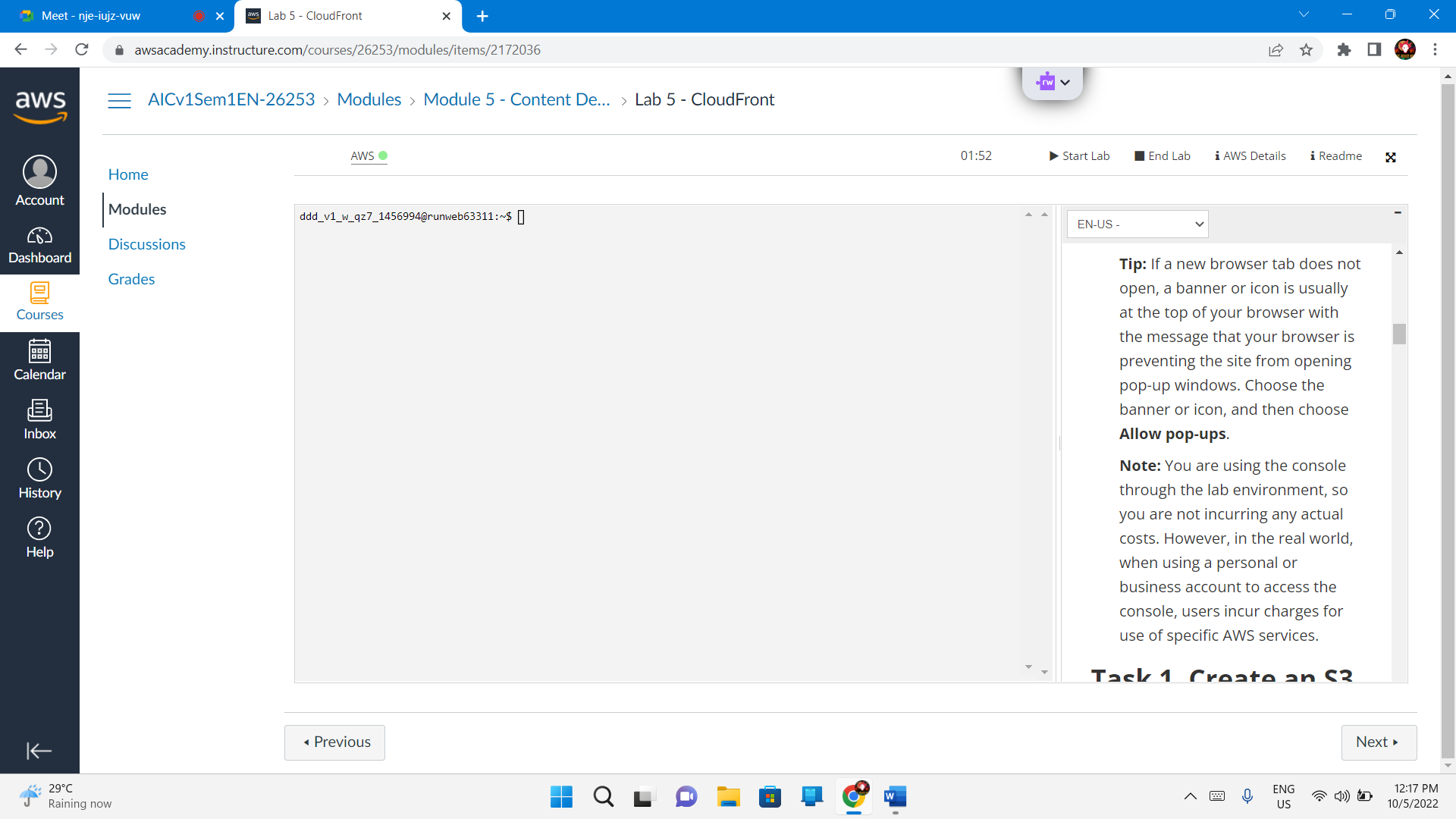
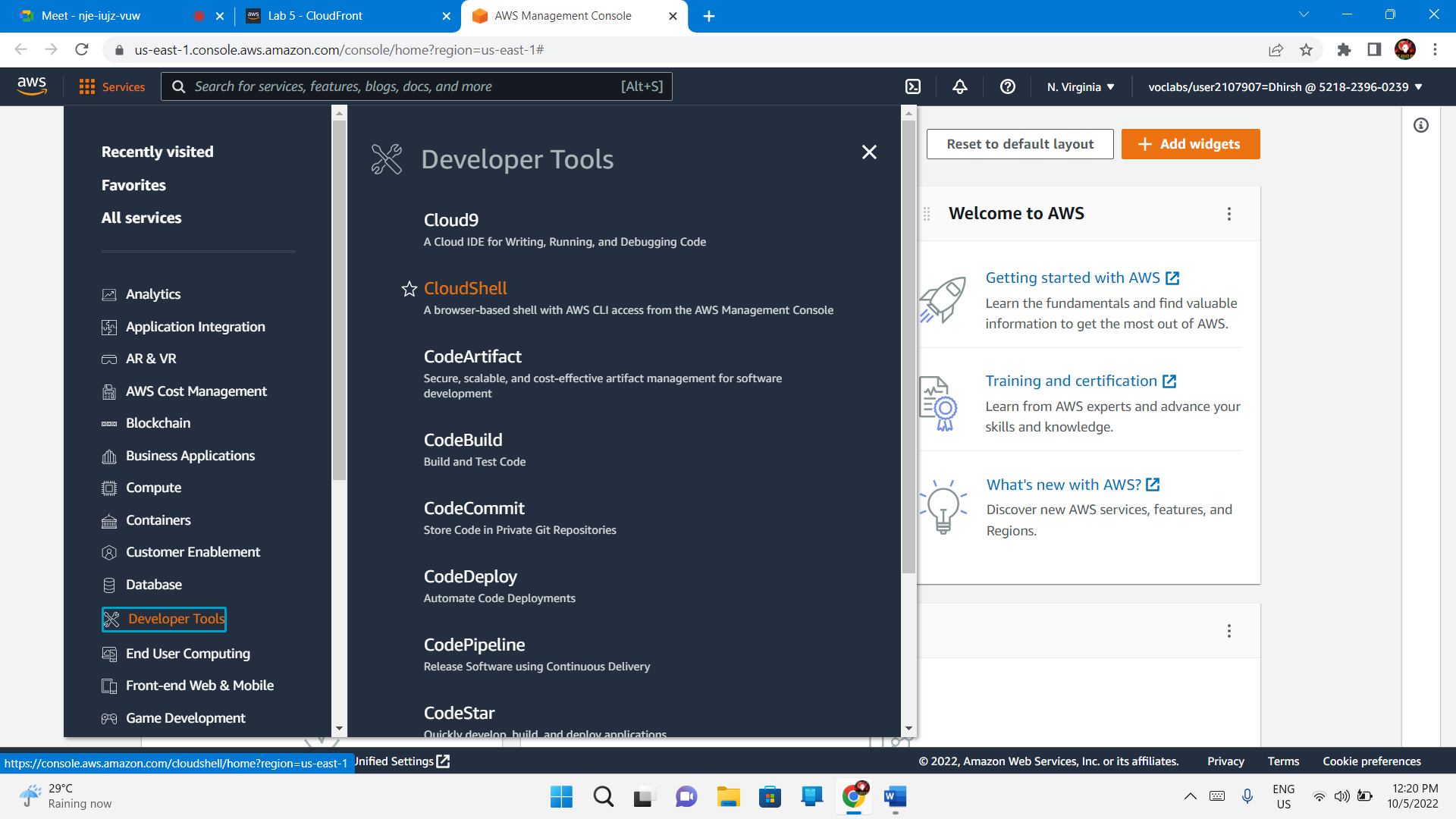
Start Lab – Aws icon ( yellow to green )

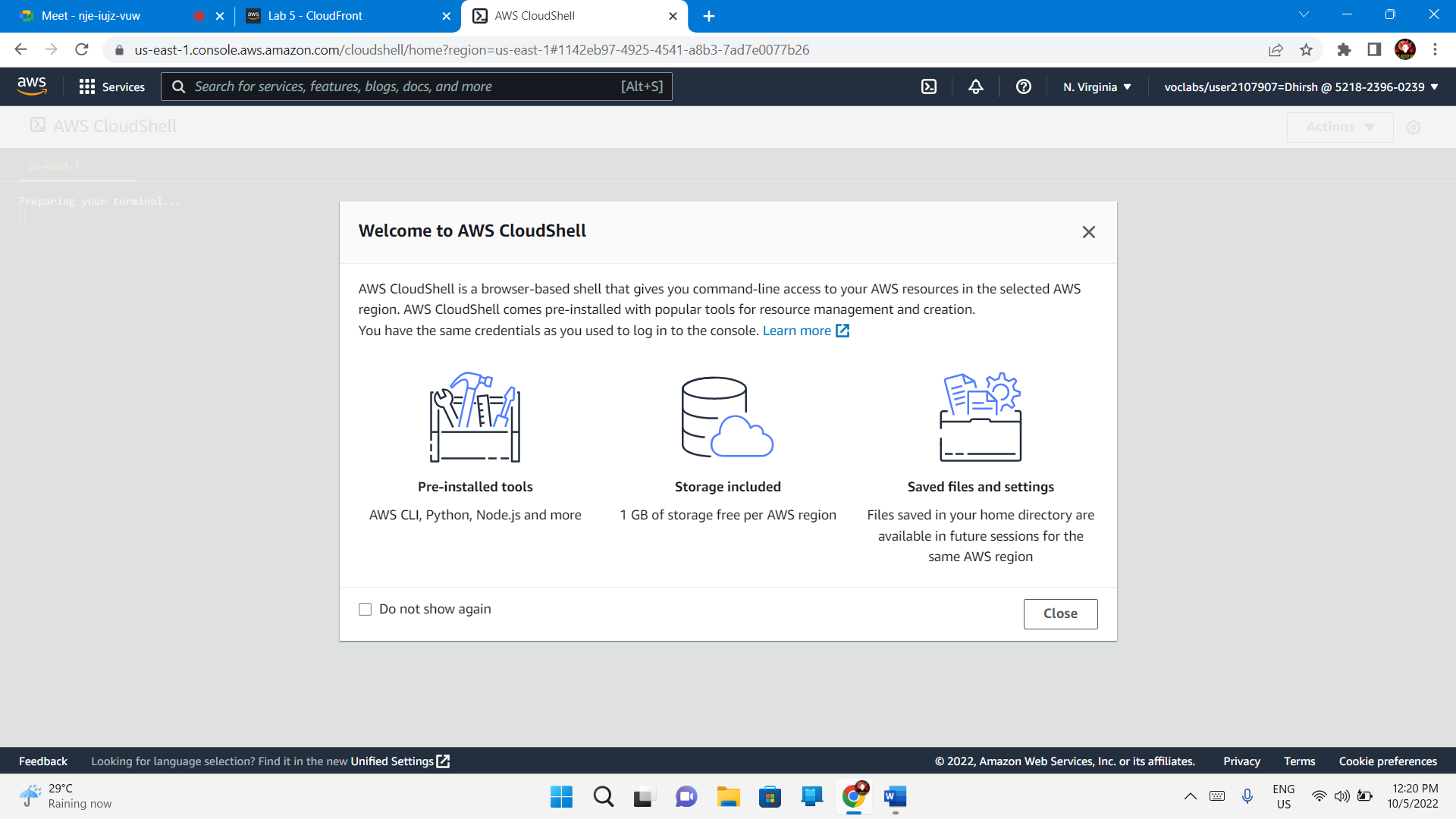
**Task 1. Create an S3 bucket using the AWS CLI**



Services – Developer tools – CloudFront



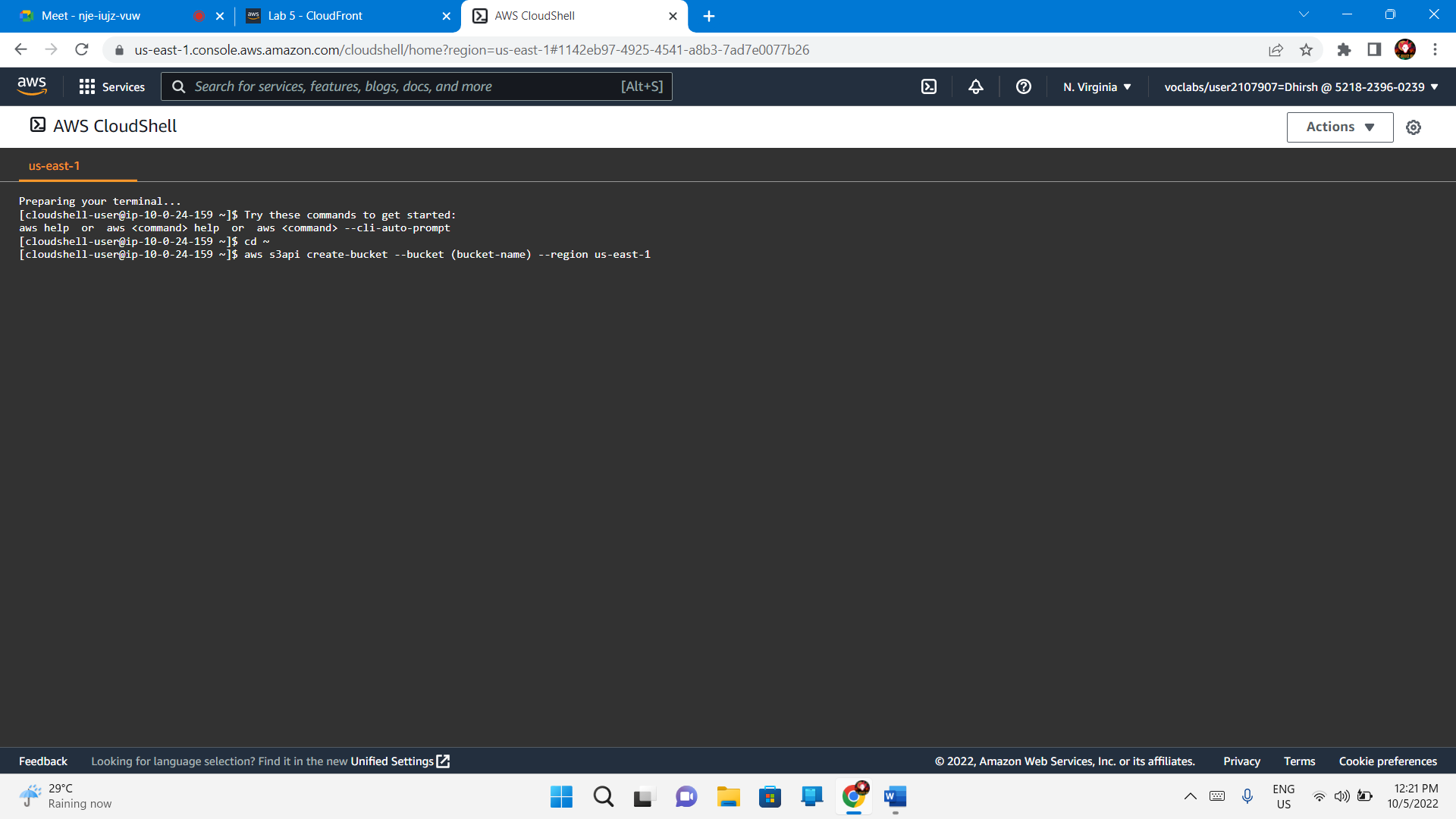
Close

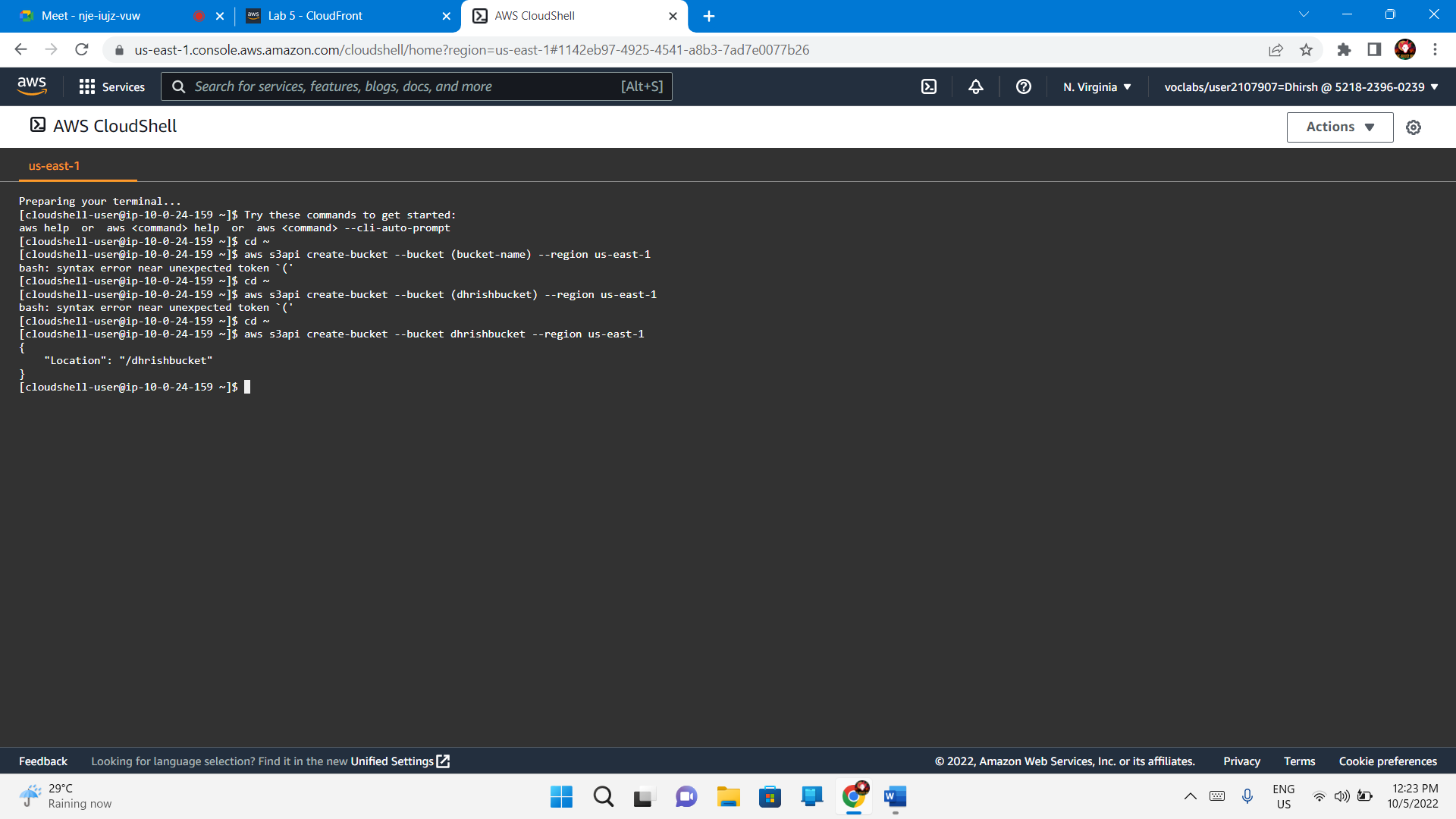


Copy paste the code in the editor

cd ~

aws s3api create-bucket --bucket (bucket-name) --region us-east-1





{

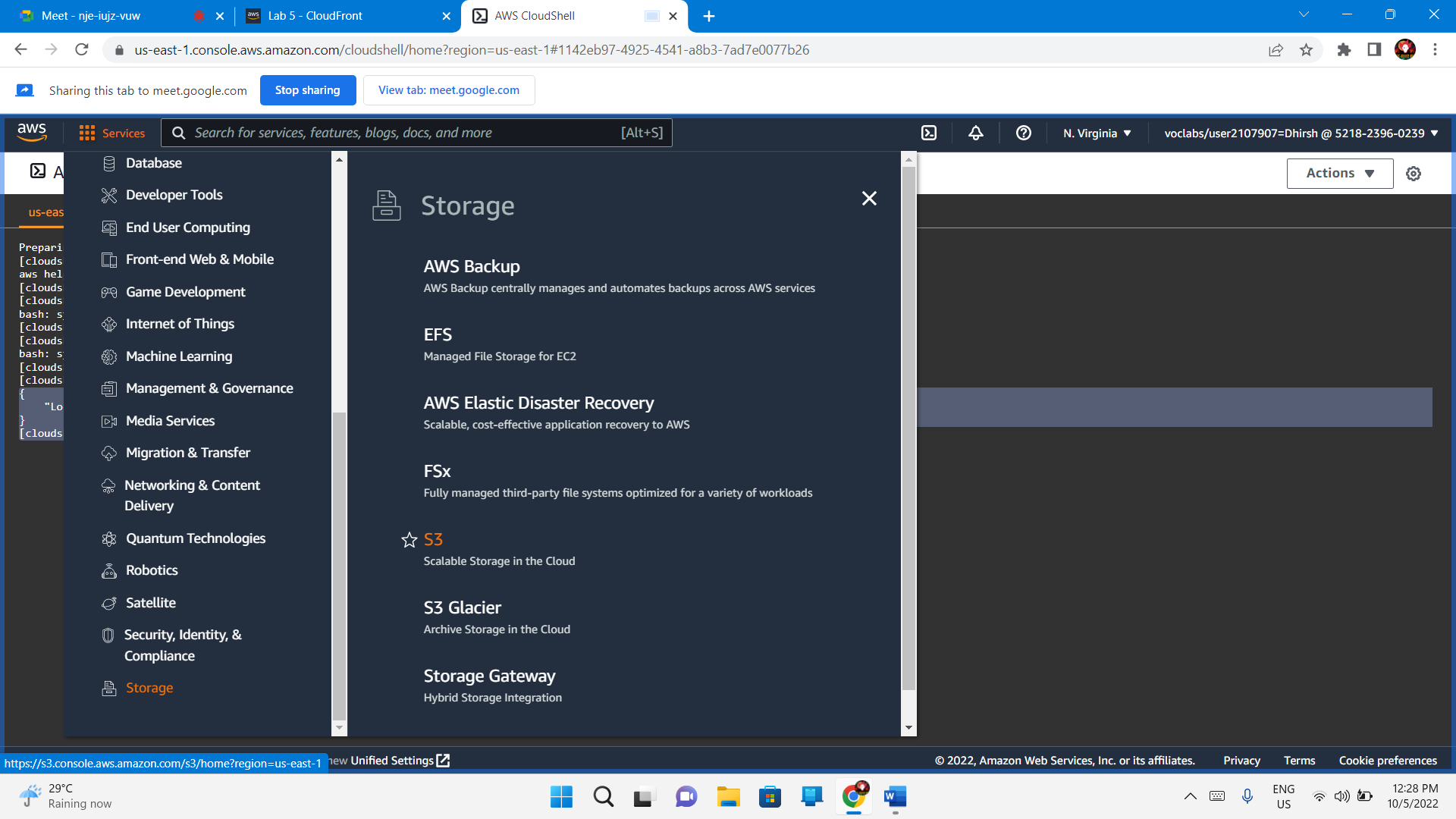
"Location": "/dhrishbucket"

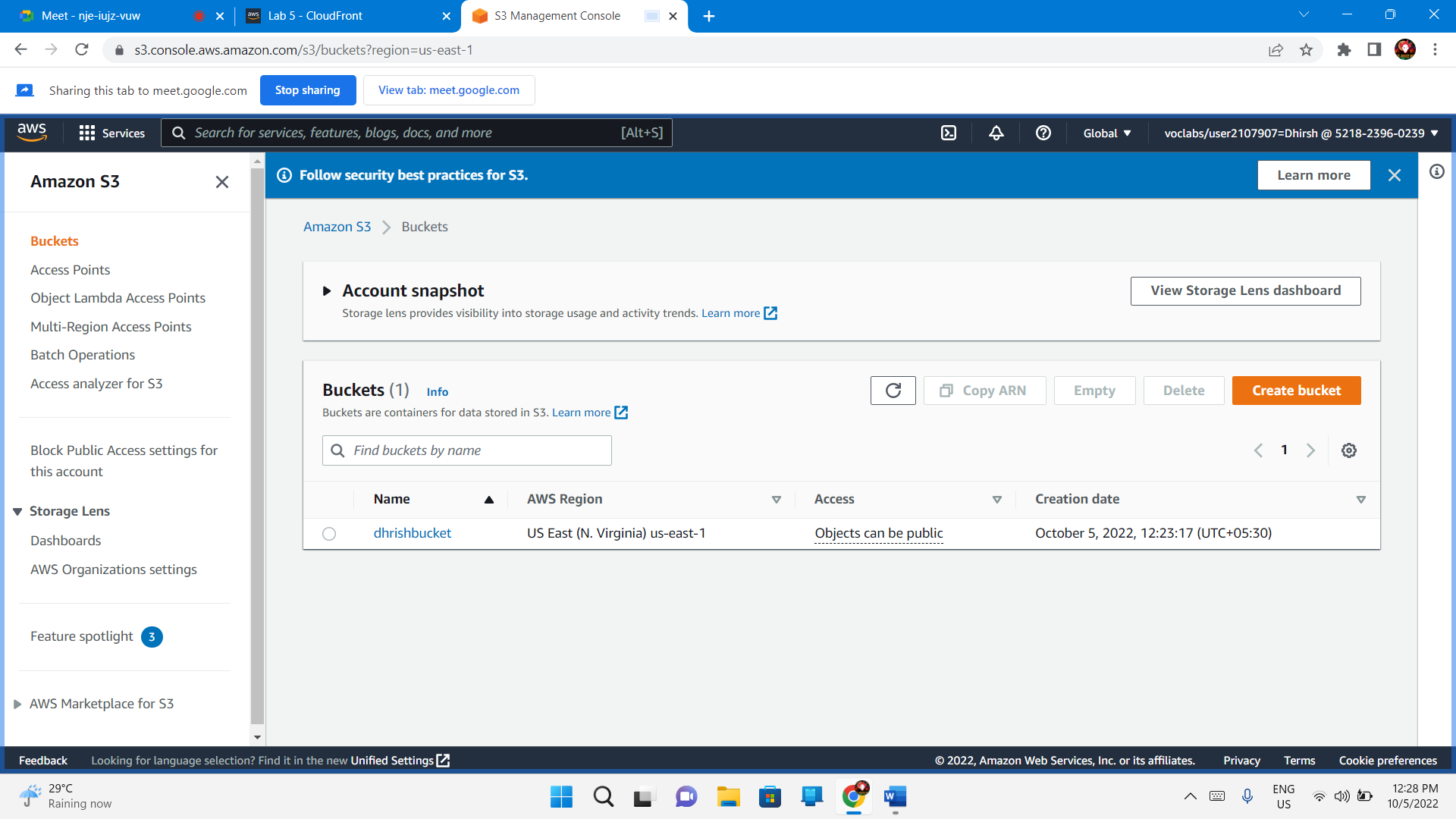
}

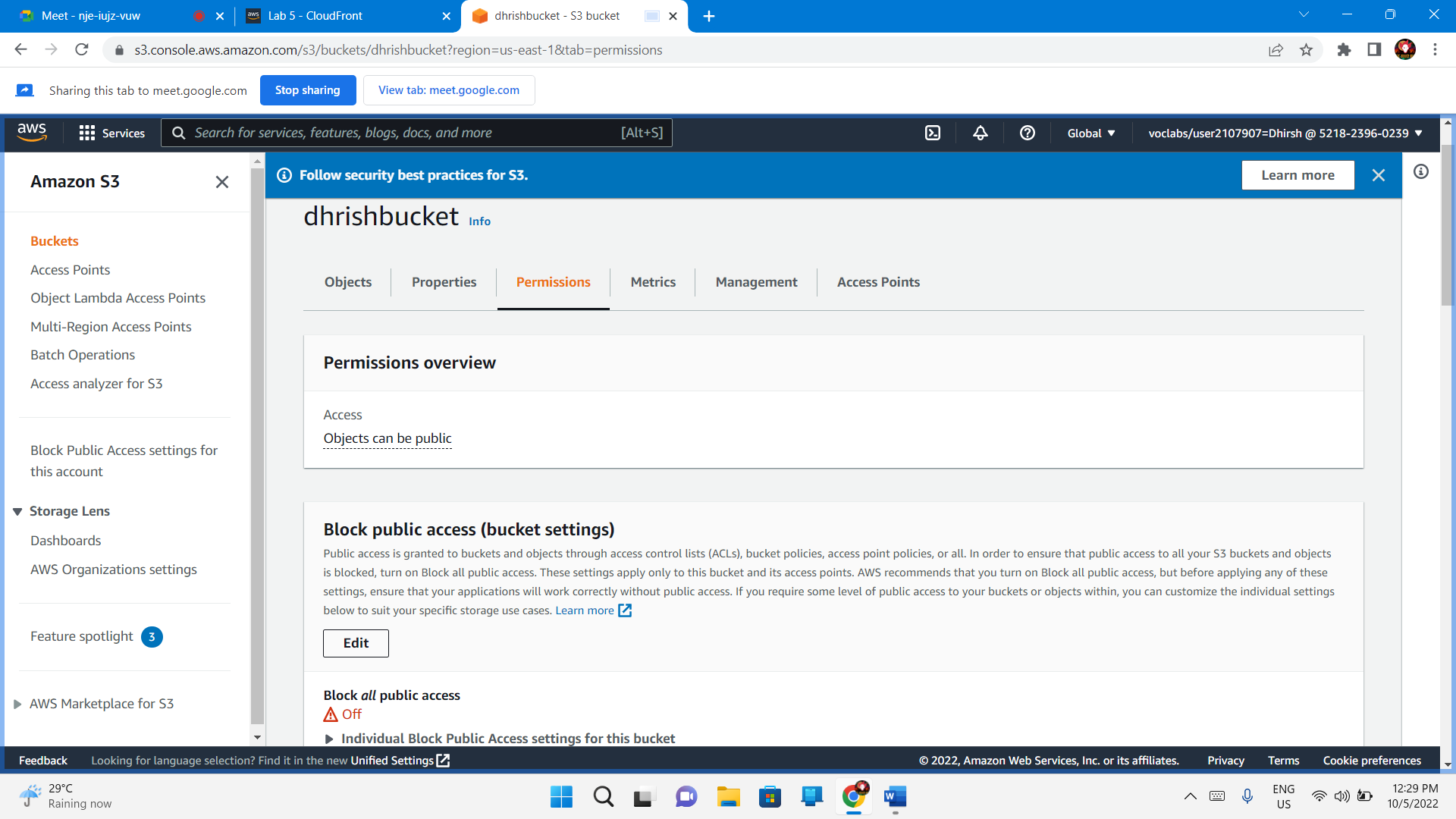
[cloudshell-user@ip-10-0-24-159 ~]$

## Task 2. Add a bucket policy

Service – Storage – S3



dhrishbucket – Permissions -Edit





{

  "Version":"2012-10-17",

  "Statement":[

    {

        "Sid":"PublicReadForGetBucketObjects",

        "Effect":"Allow",

        "Principal":"\*",

        "Action":[

           "s3:GetObject"

        ],

        "Resource":[

           "arn:aws:s3:::dhrishbucket/\*"

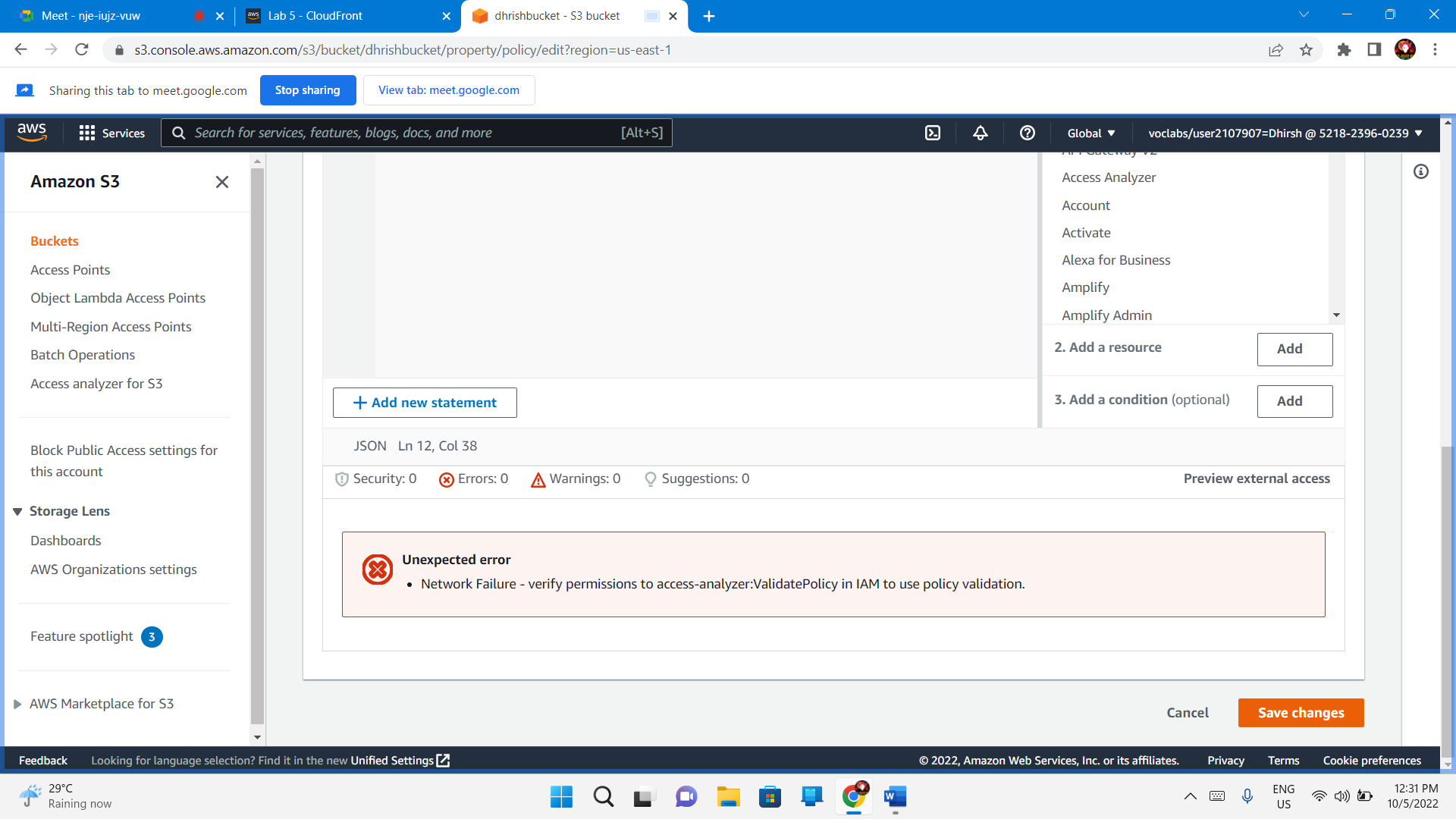
        ]

    }

  ]

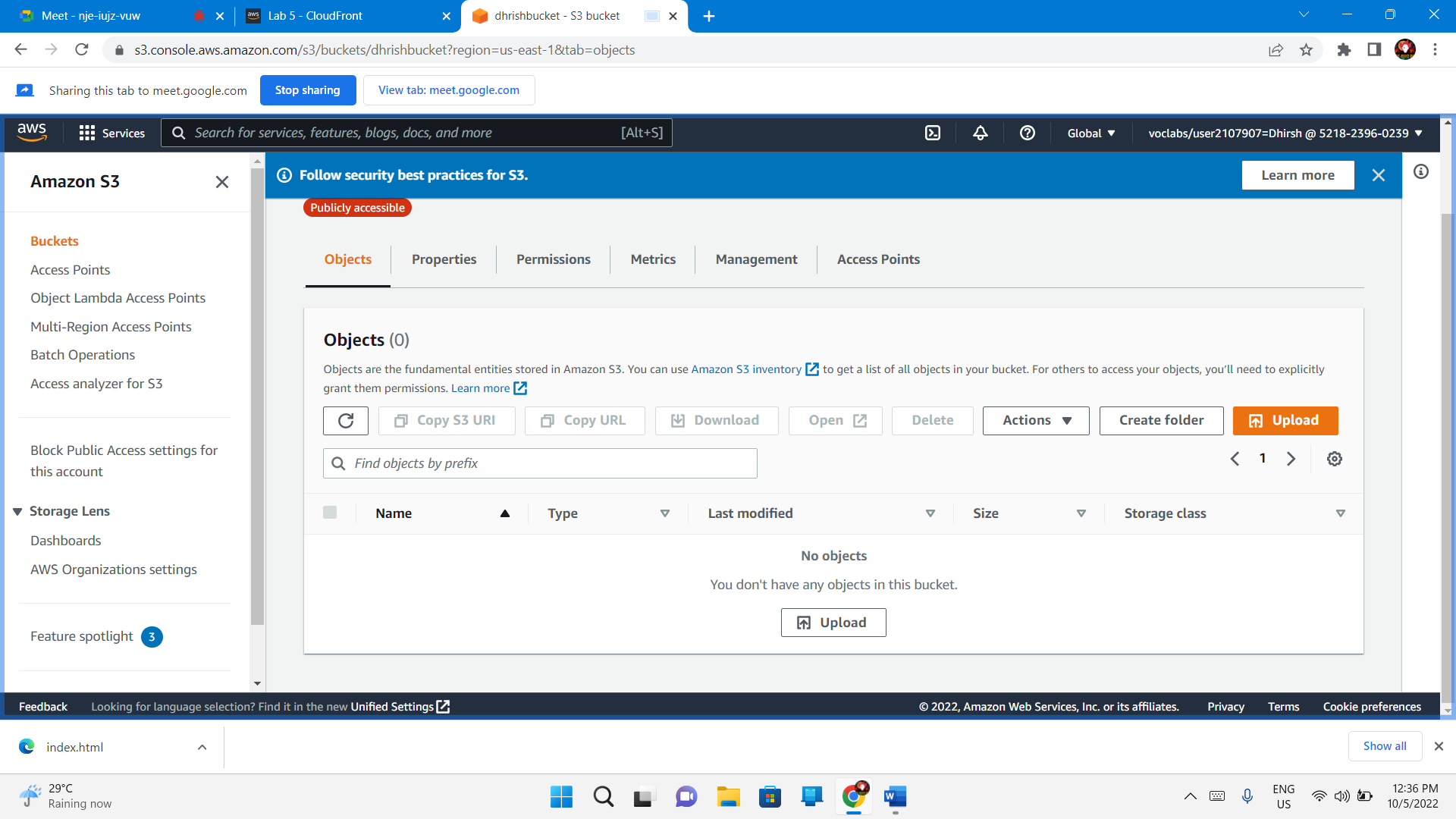
}

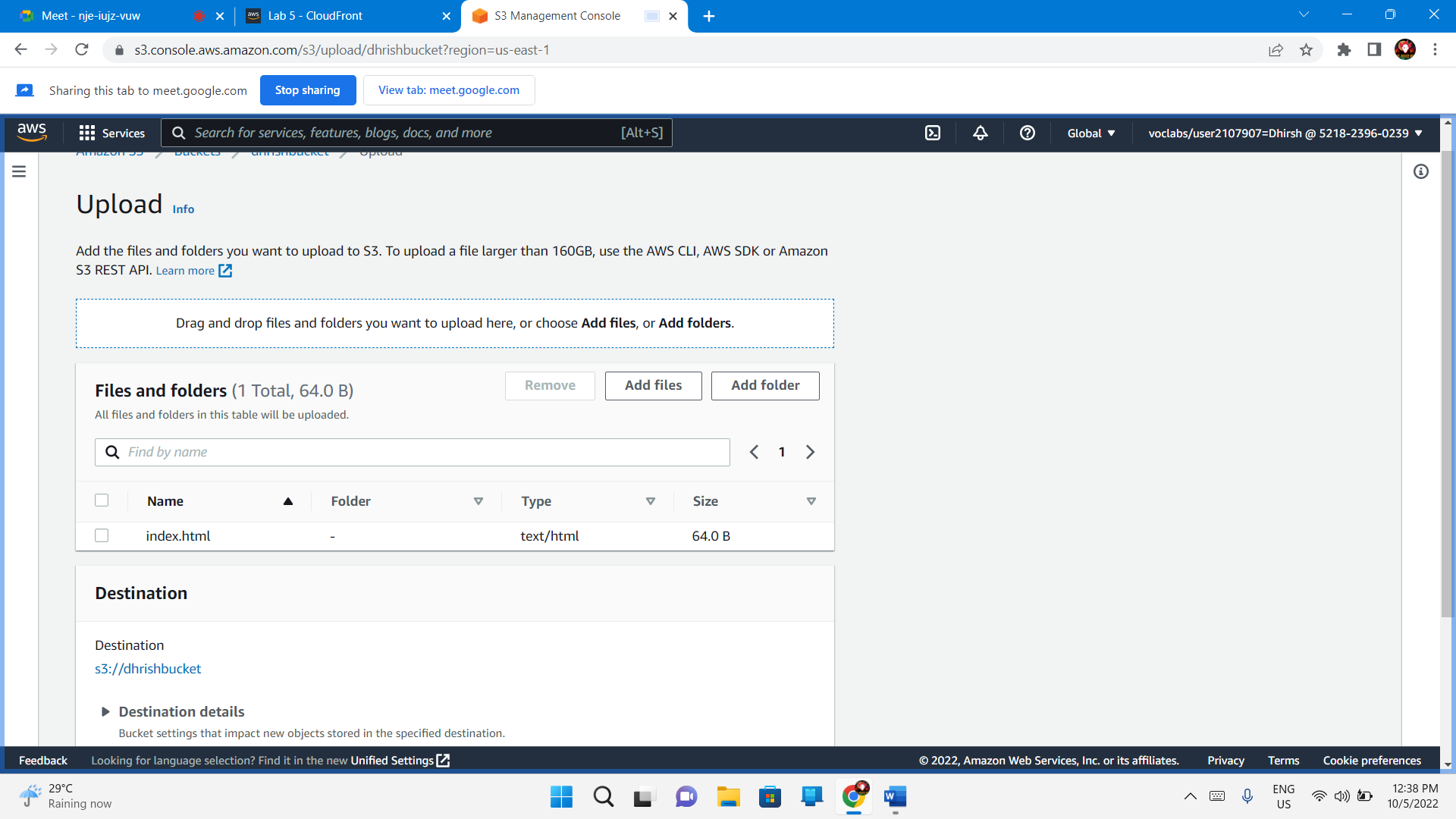
Save Changes



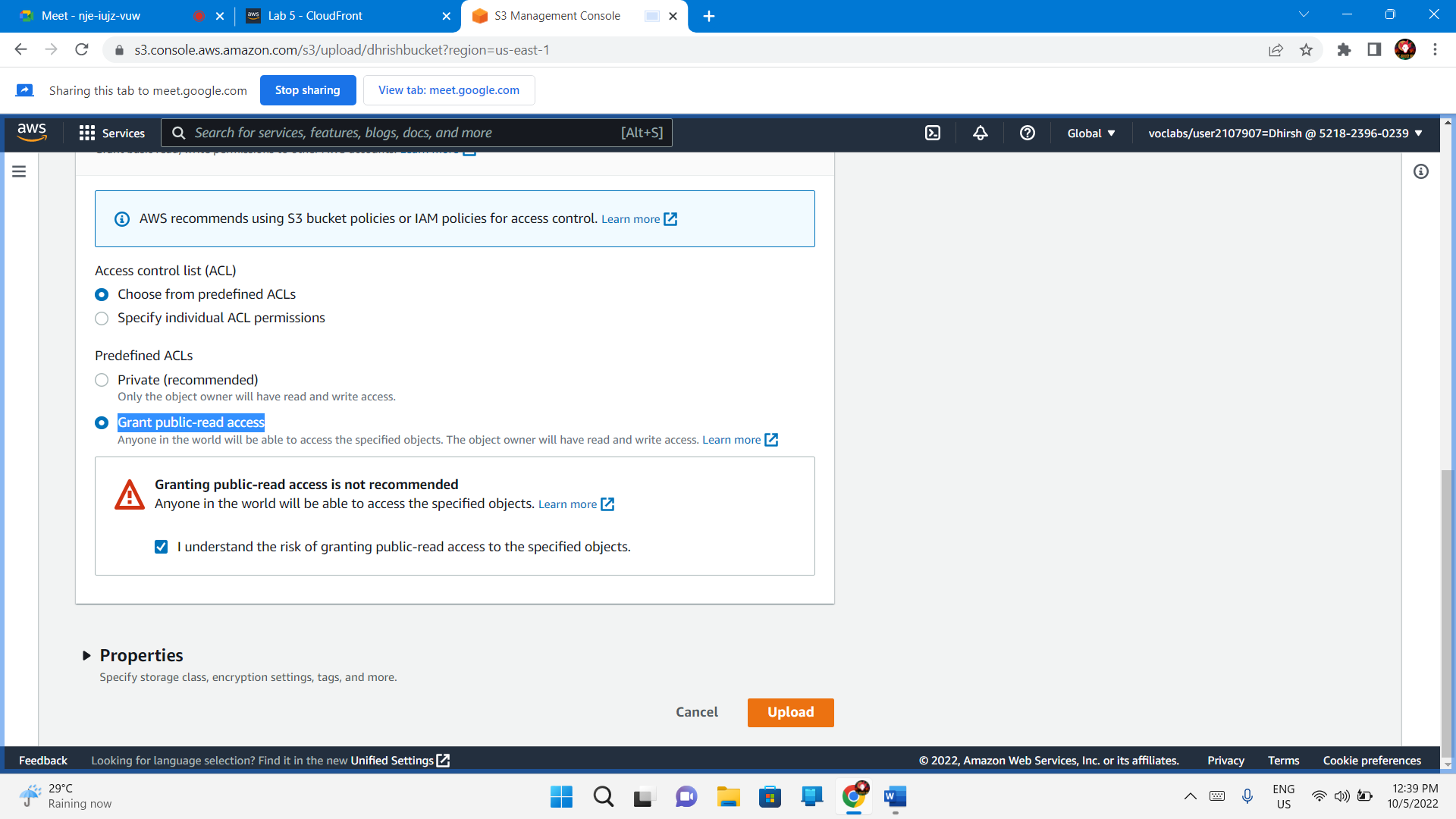
## Task 3. Upload an HTML document

Save the index.html file to your local computer.

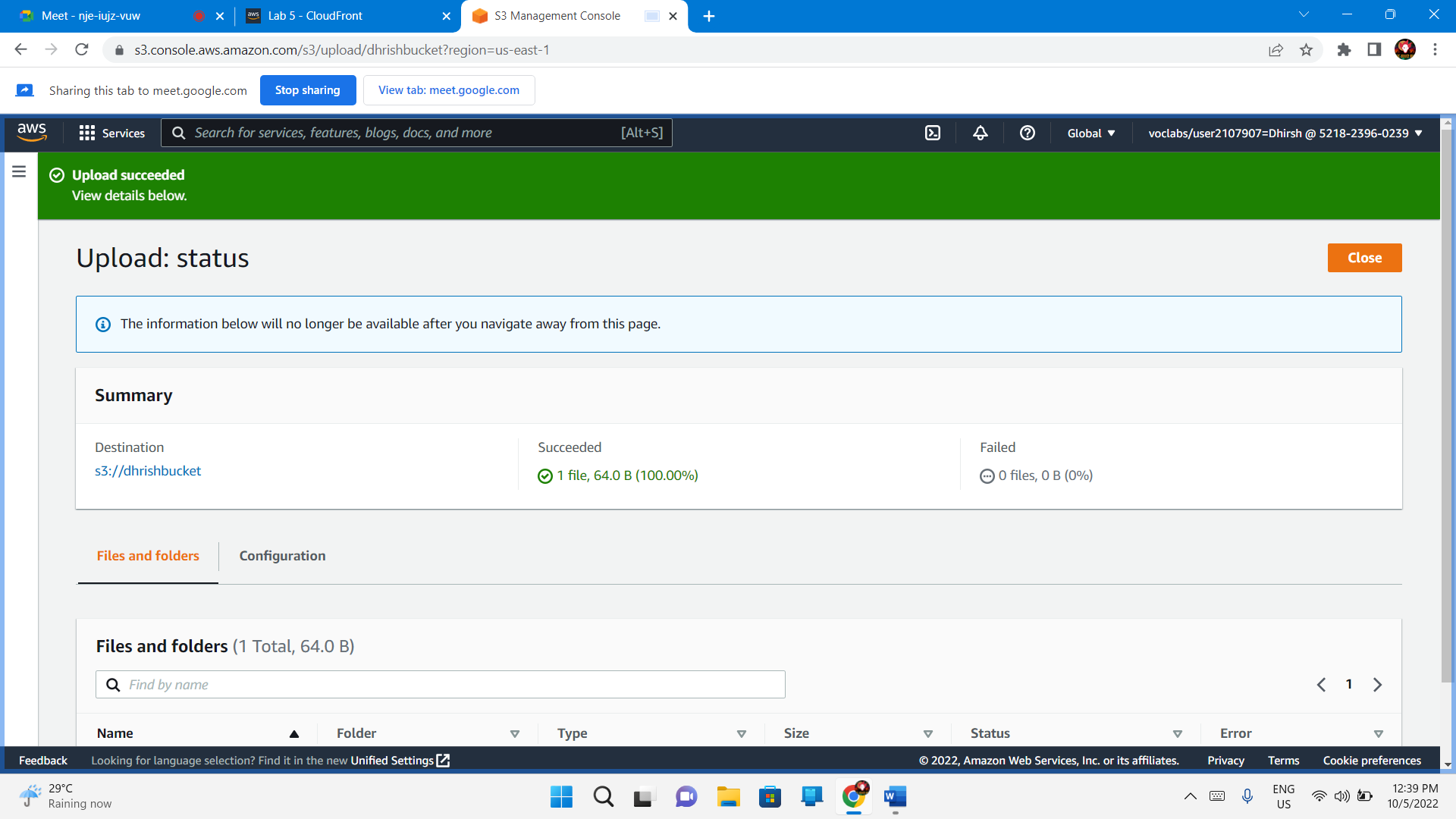
Objects – Upload



Permissions - Grant public-read access

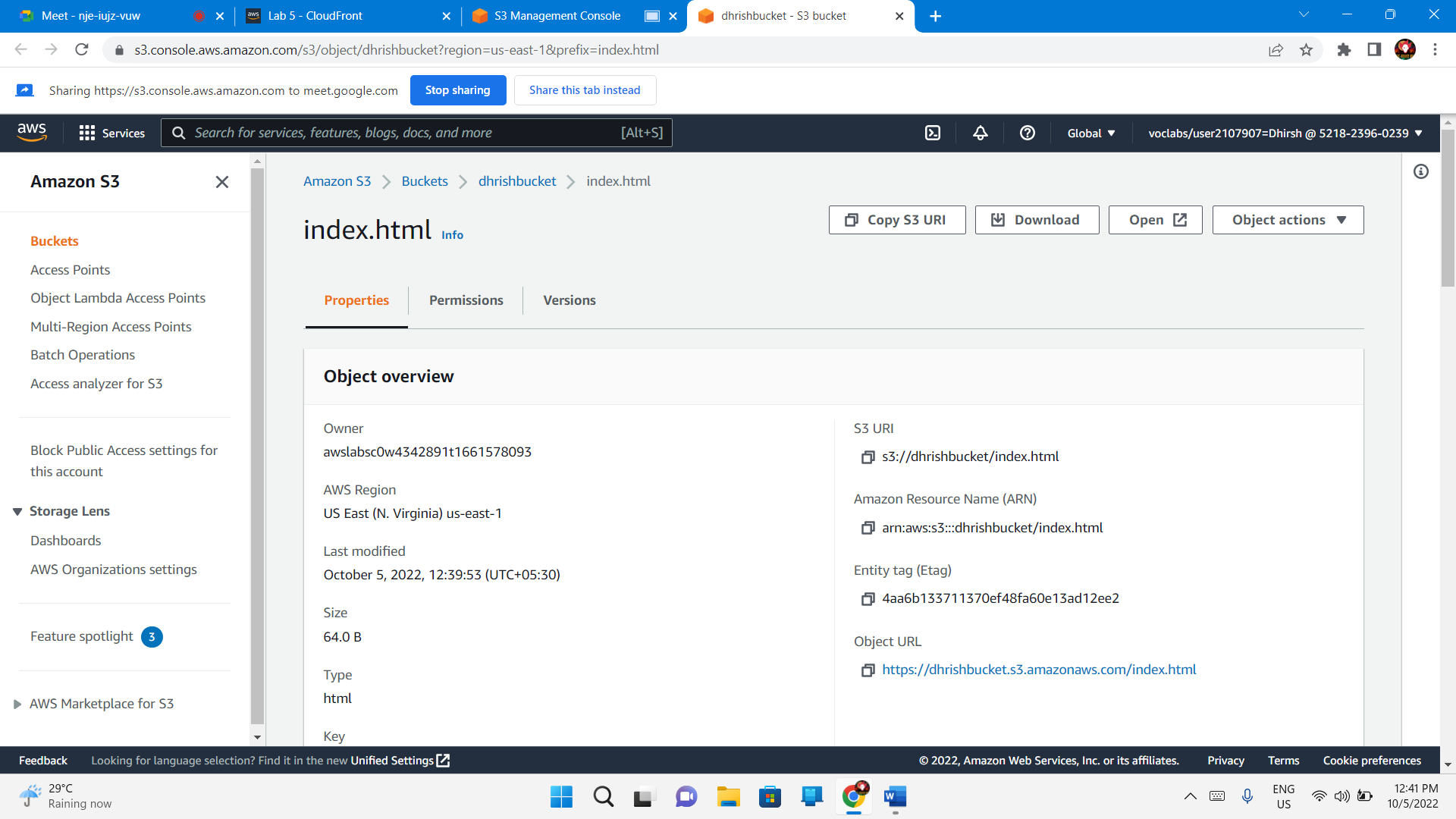


Upload

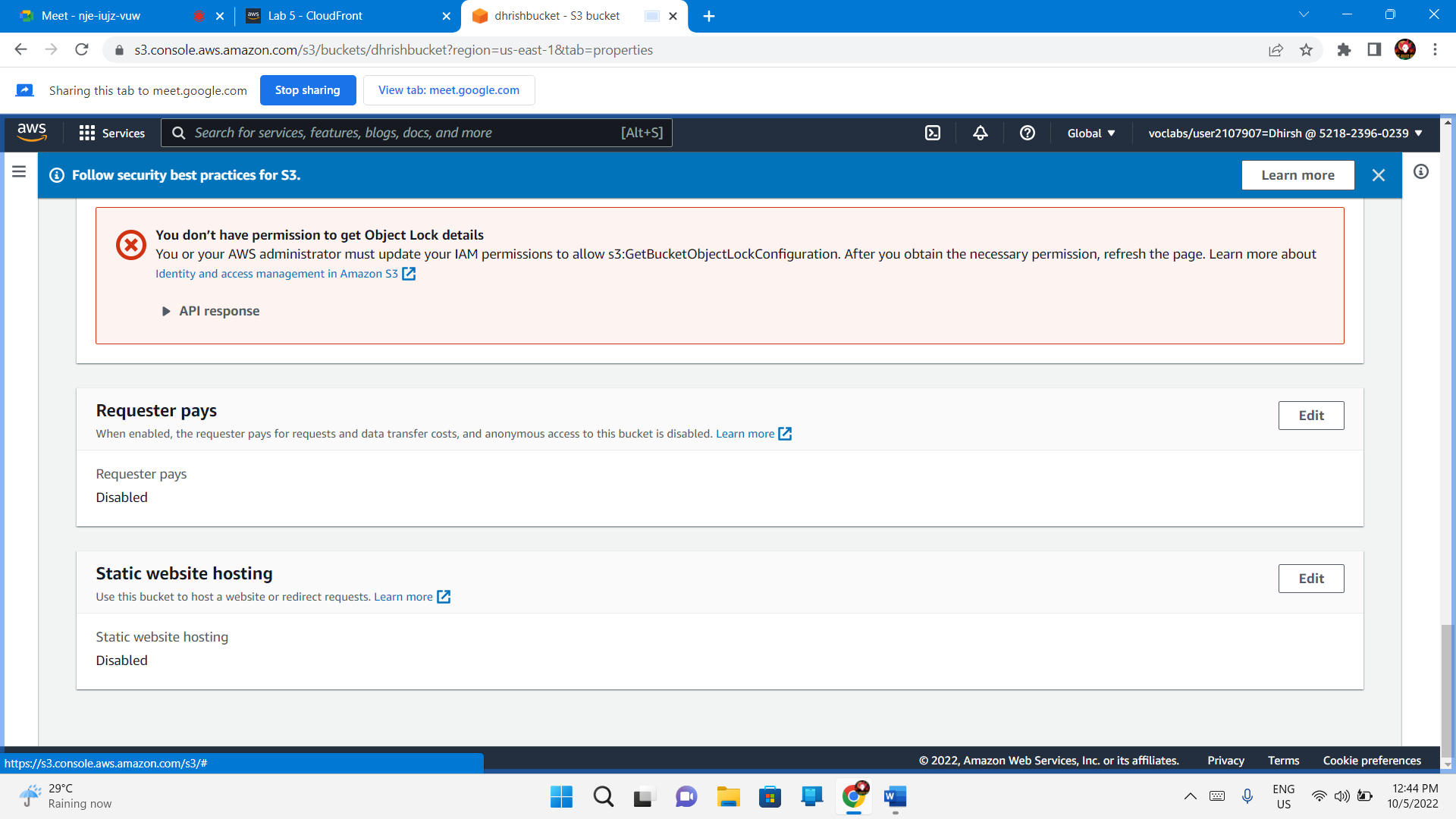


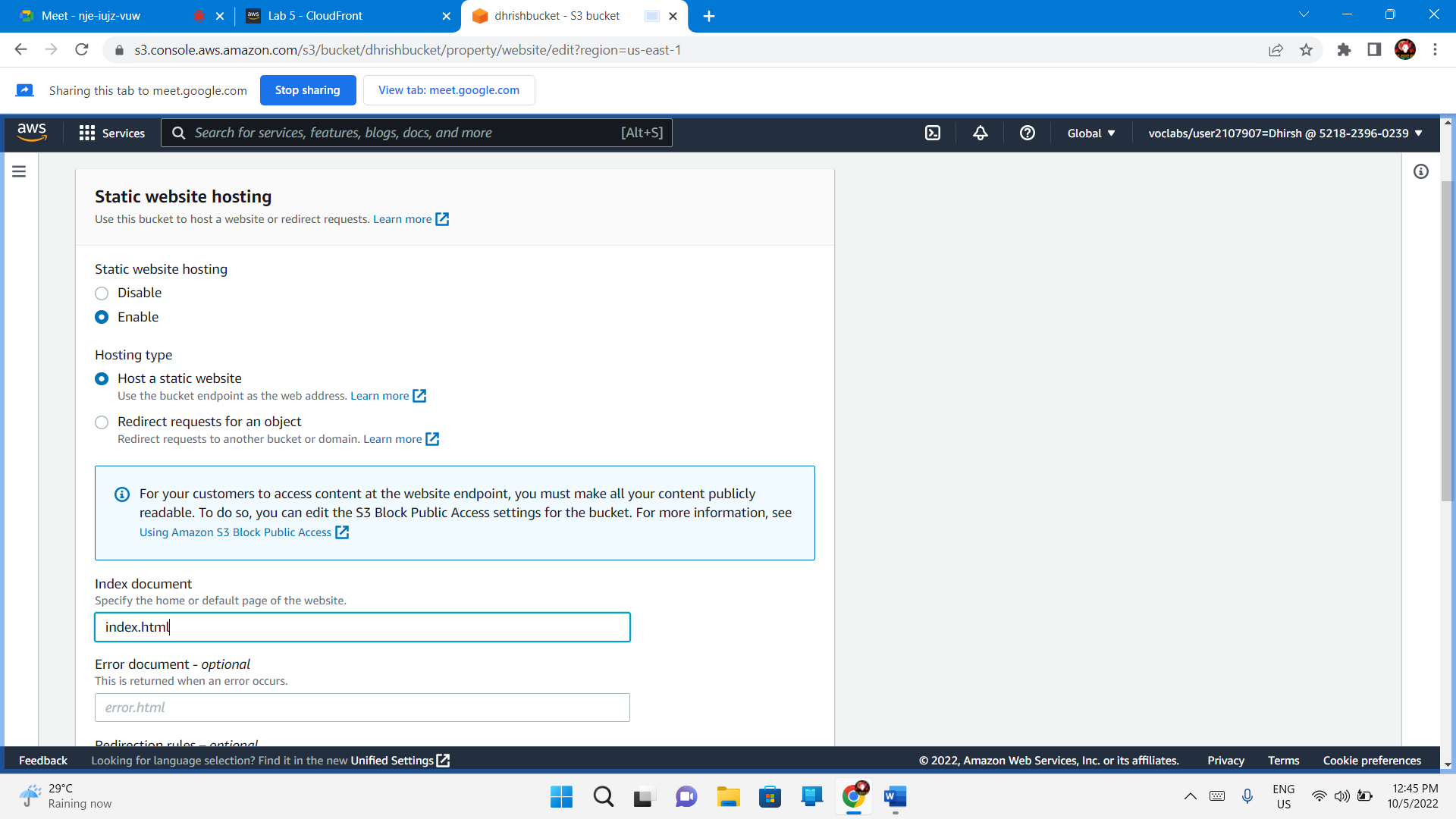
## Task 4. Test your website

Index.html – Properties

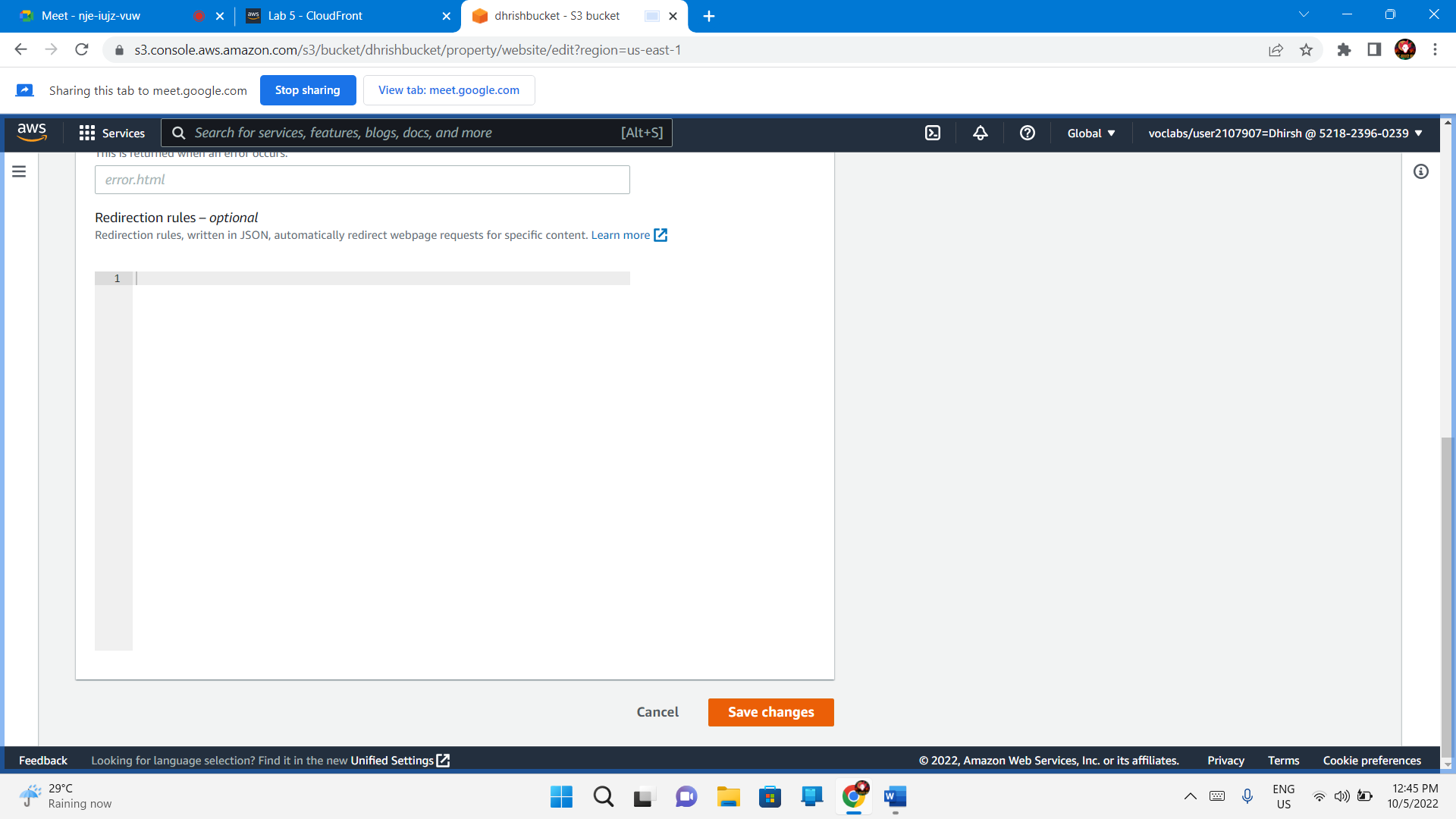


Properties – Enable – Static Web Hosting

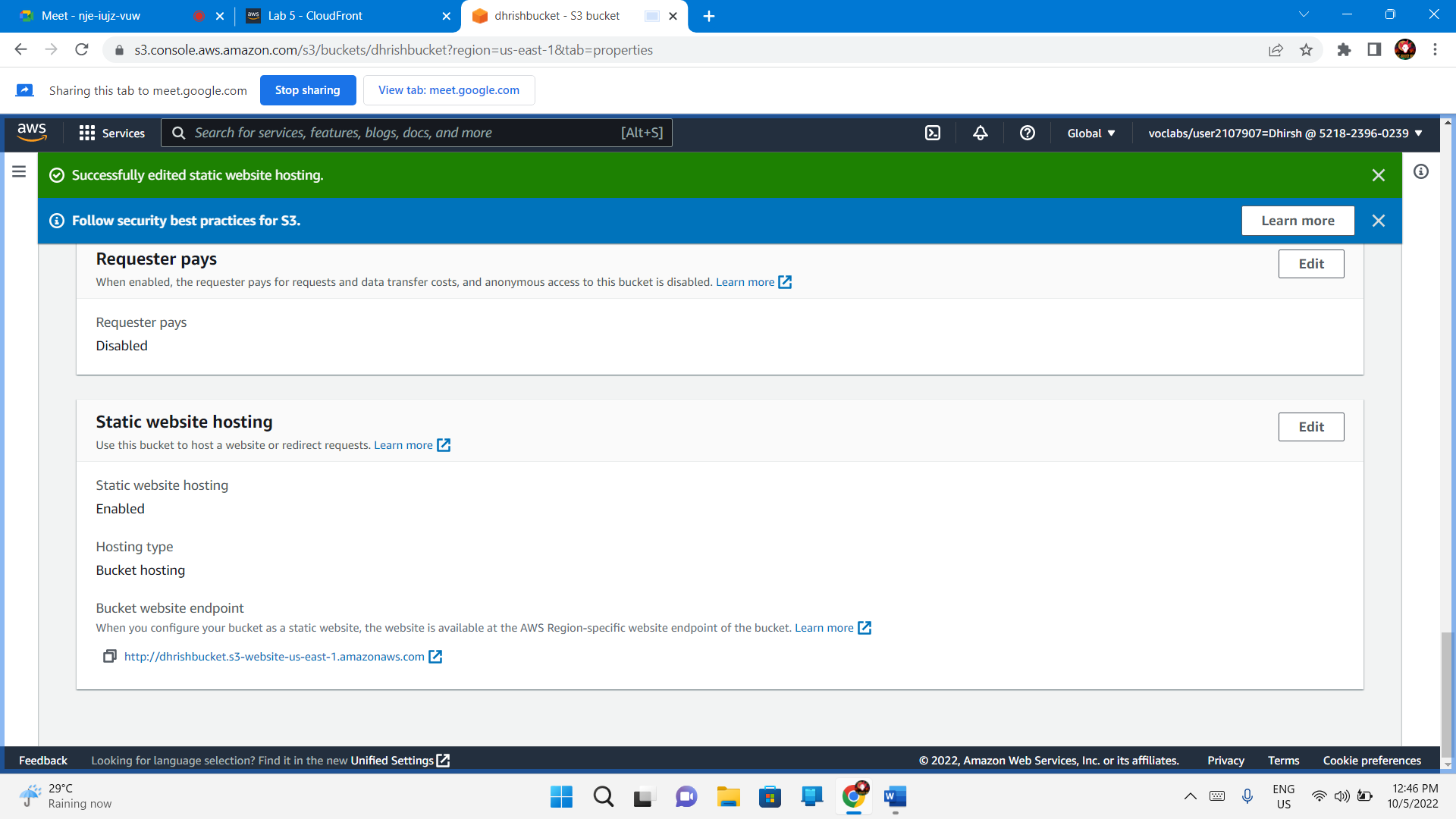




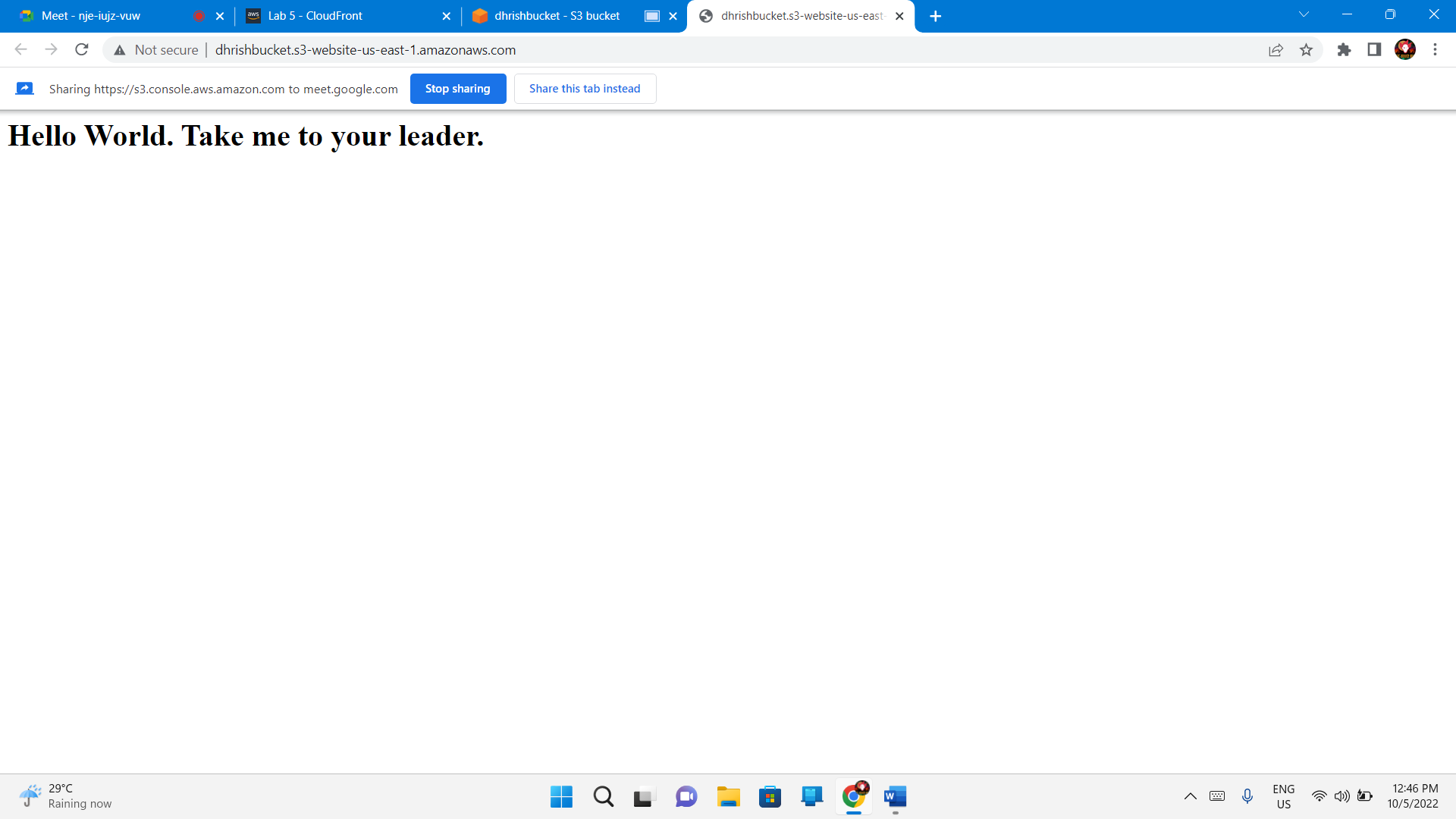
Save changes



Copy the endpoints

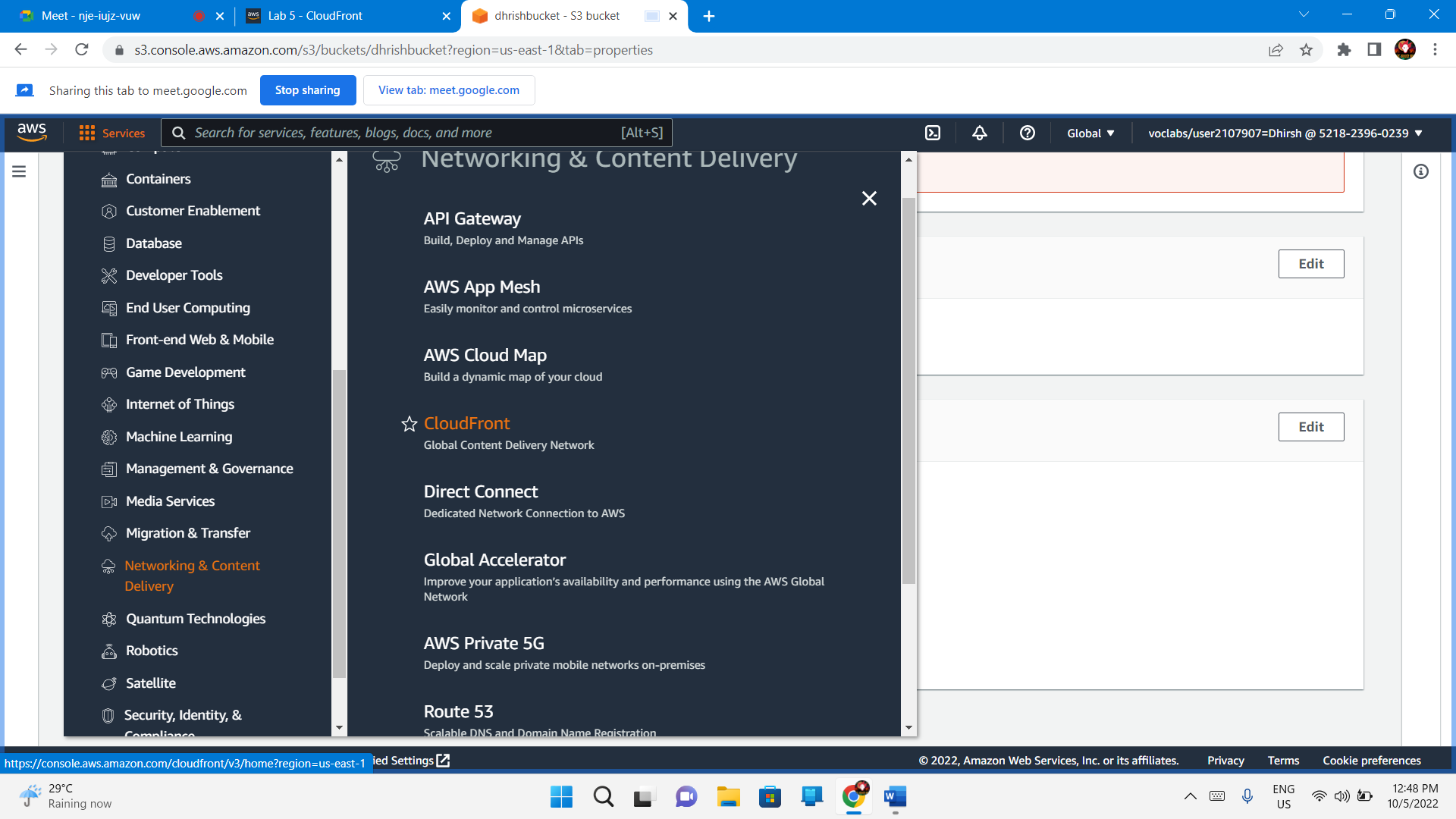


<http://dhrishbucket.s3-website-us-east-1.amazonaws.com>

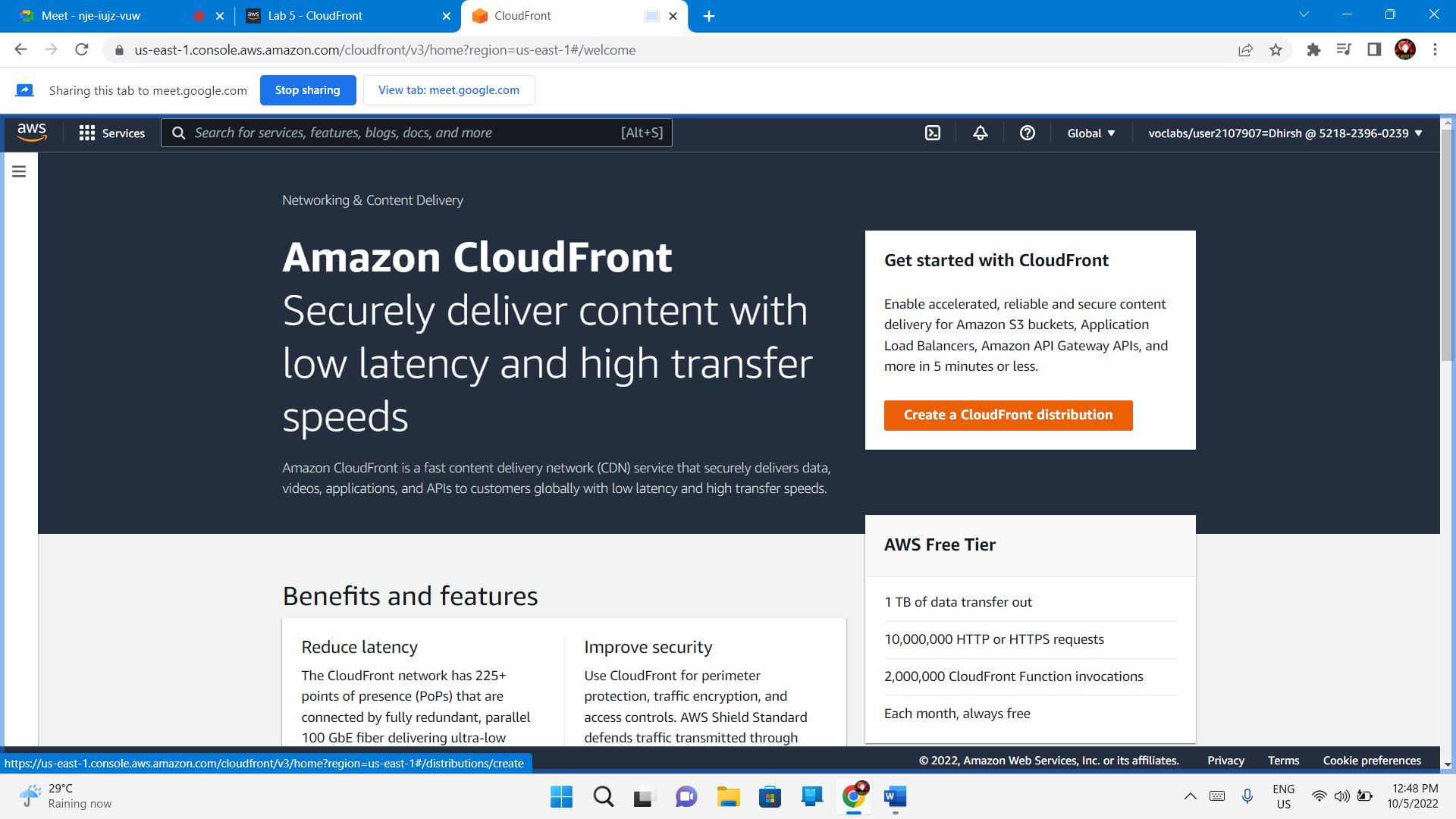


## Task 5. Create a CloudFront distribution to serve your website

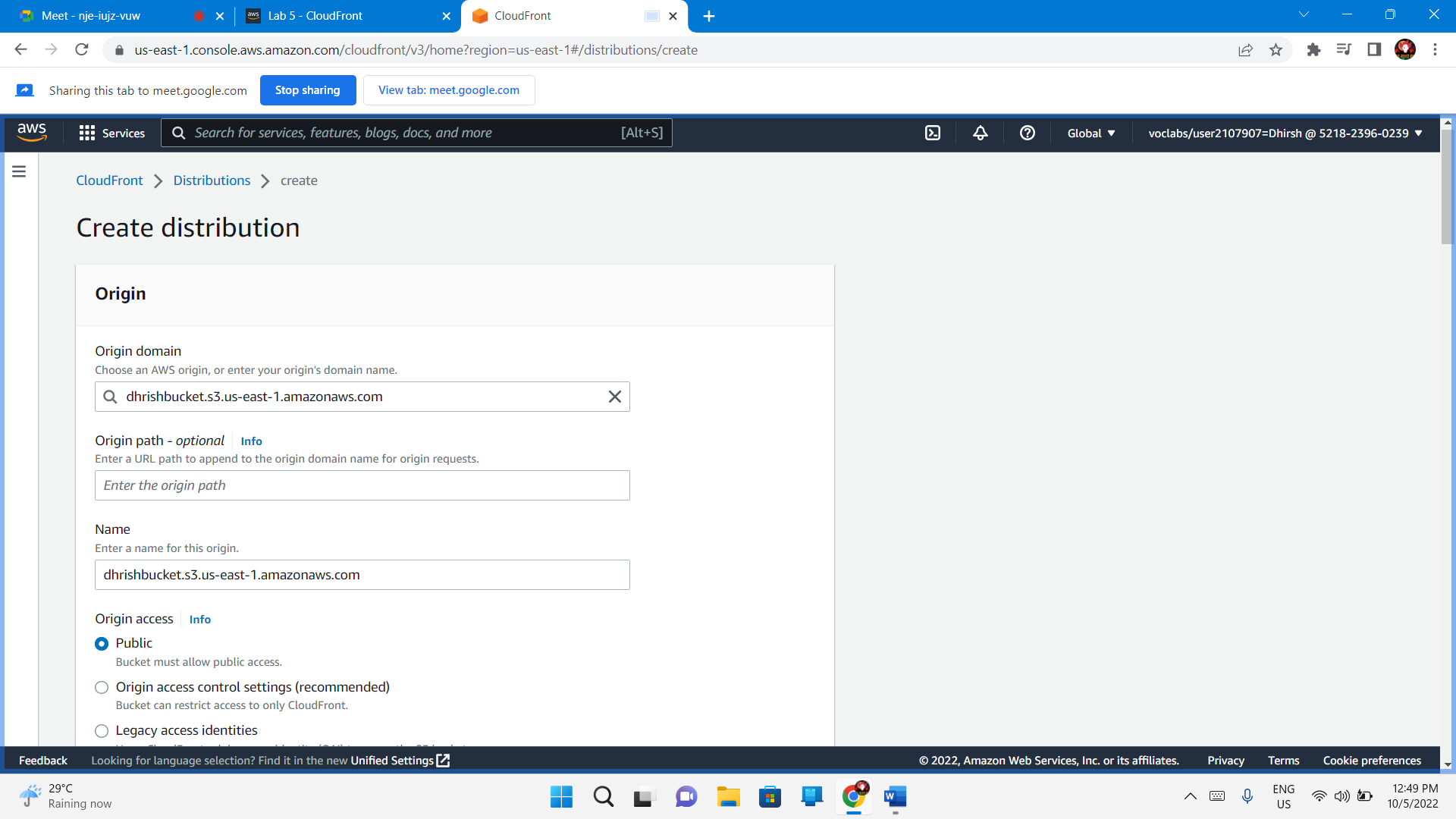
**Services** menu -**Networking & Content Delivery** section, and choose **CloudFront**.



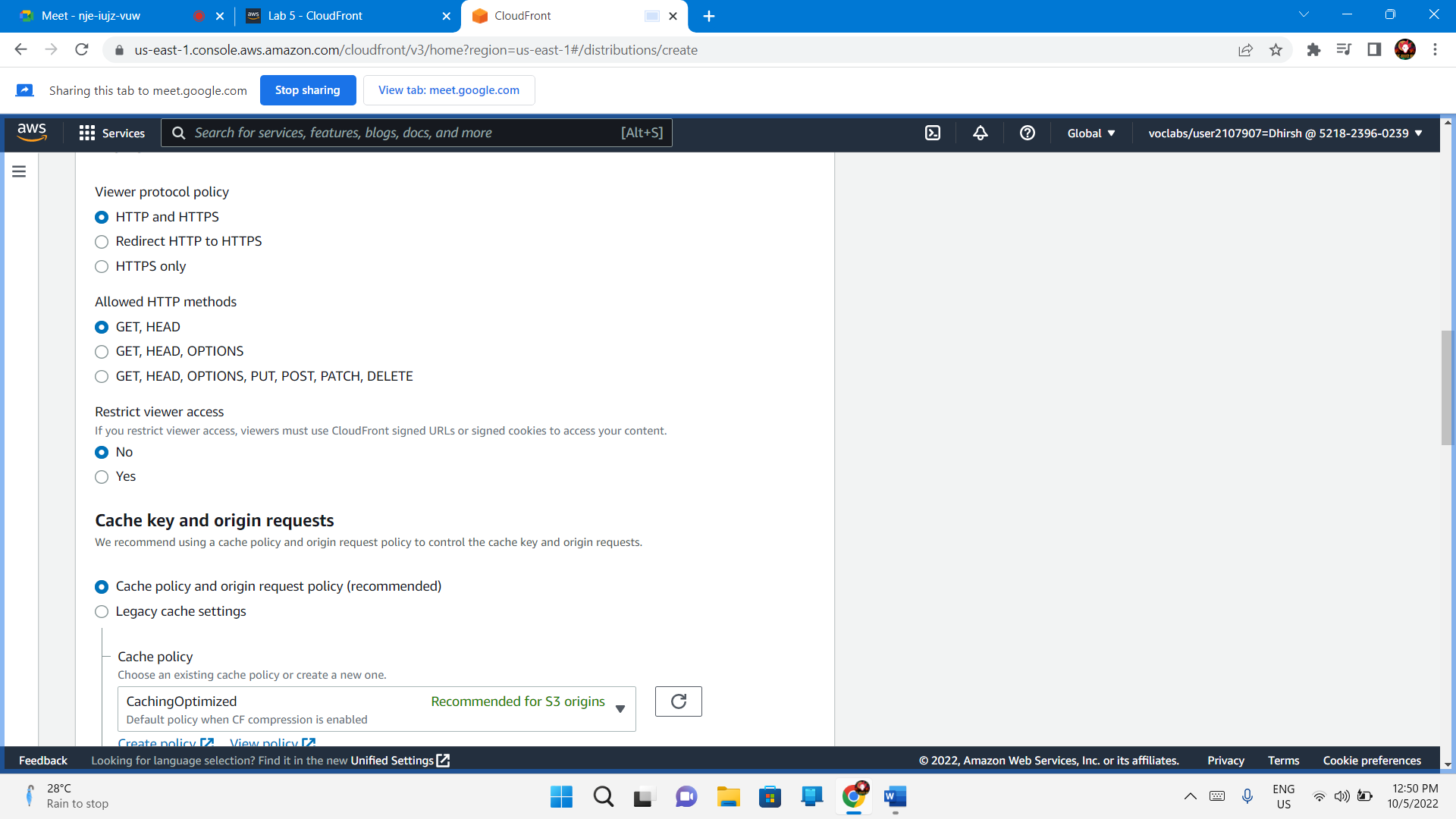
Create Cloud Front



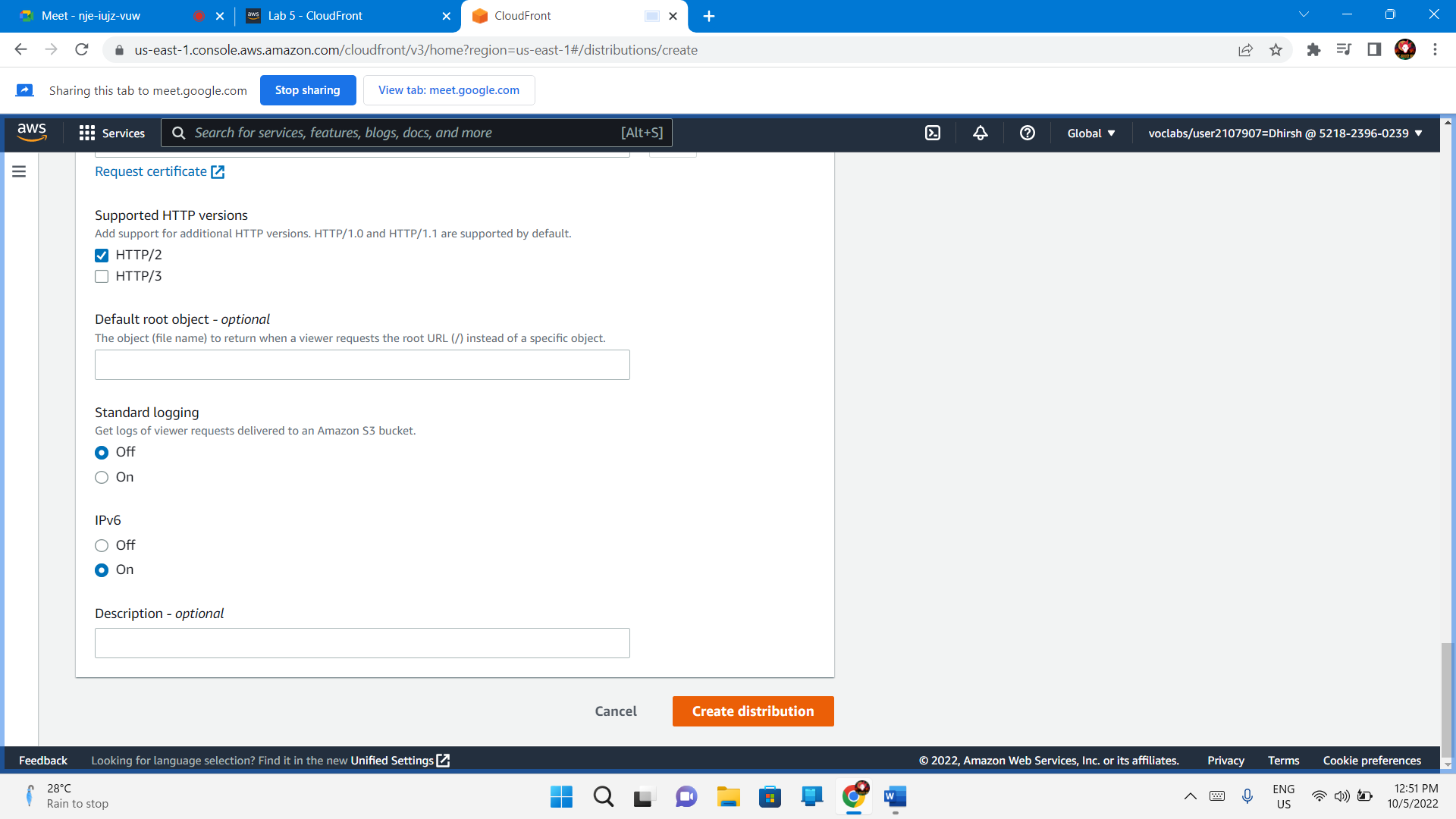
Choose origin domain as dhrishbucket – name is default

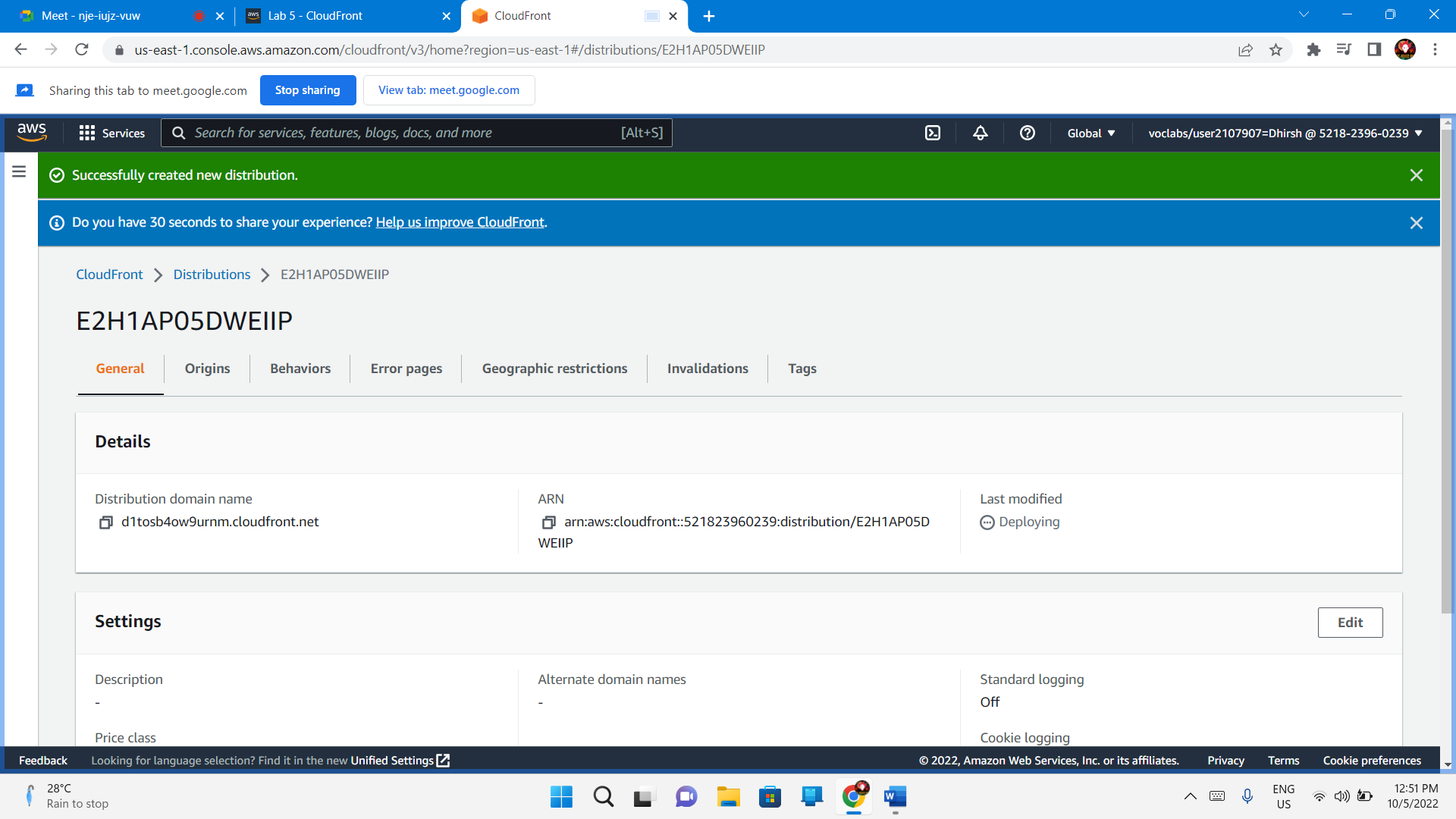


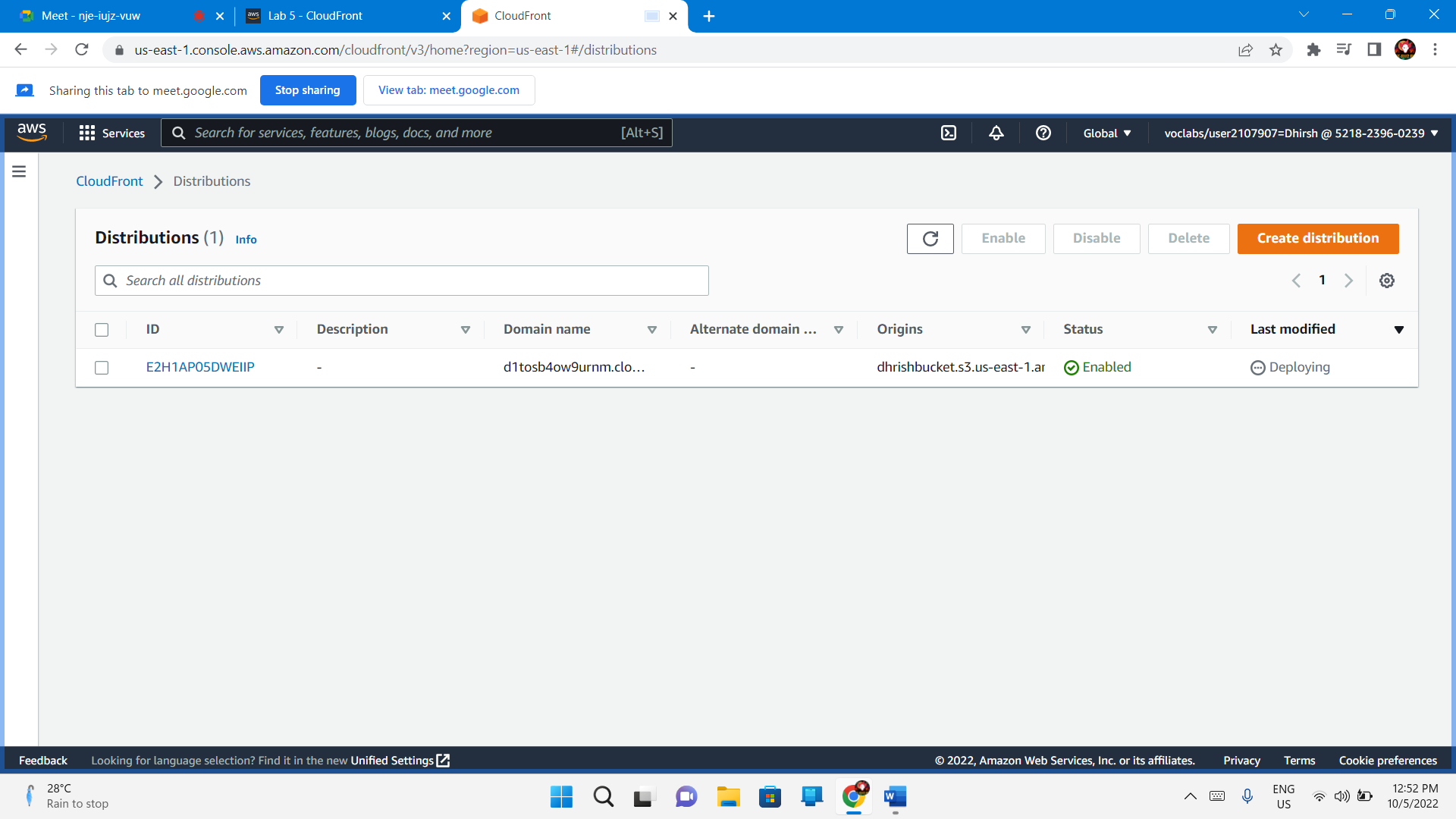
View protocol policy - Http and https



Create distribution



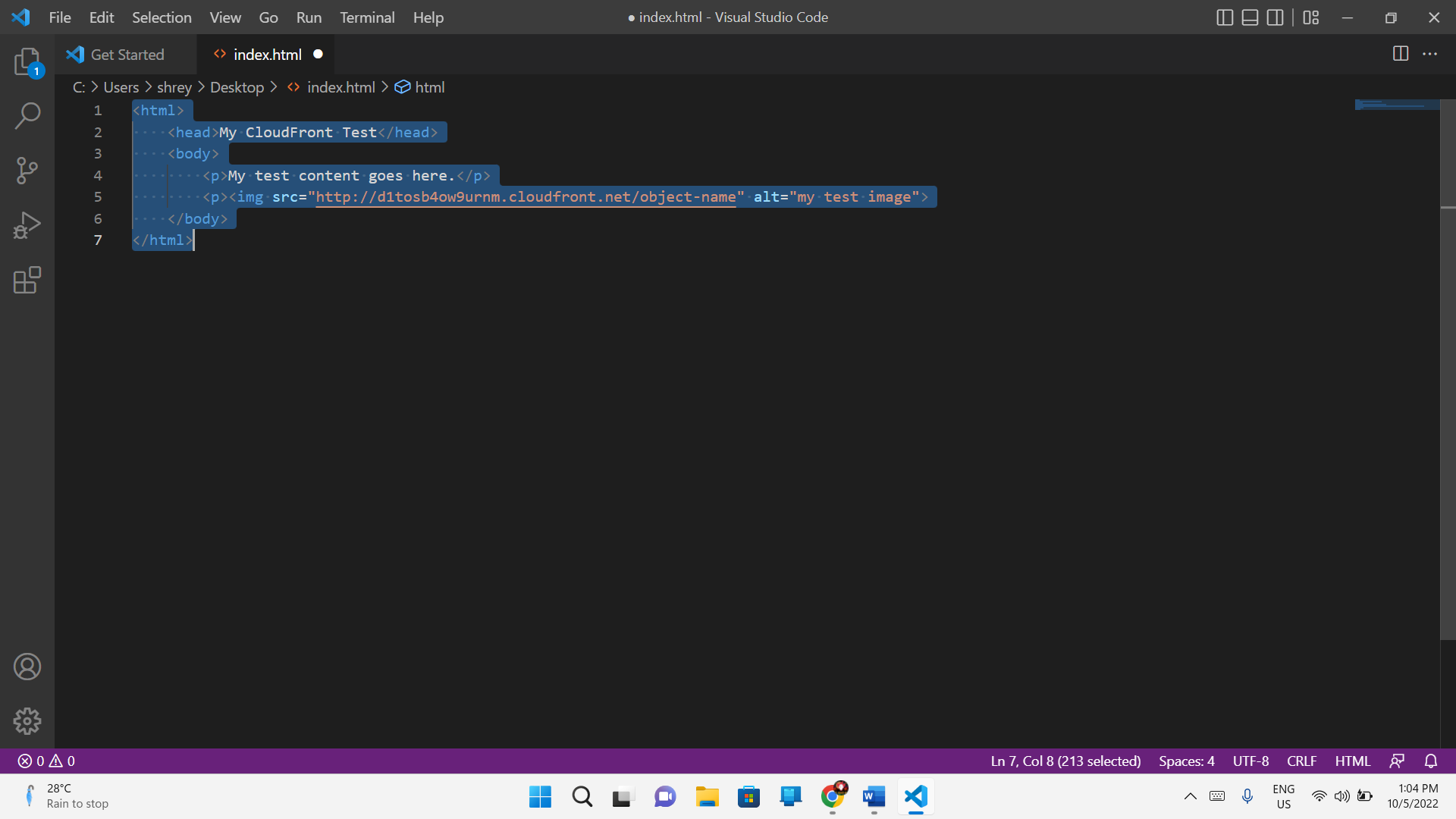


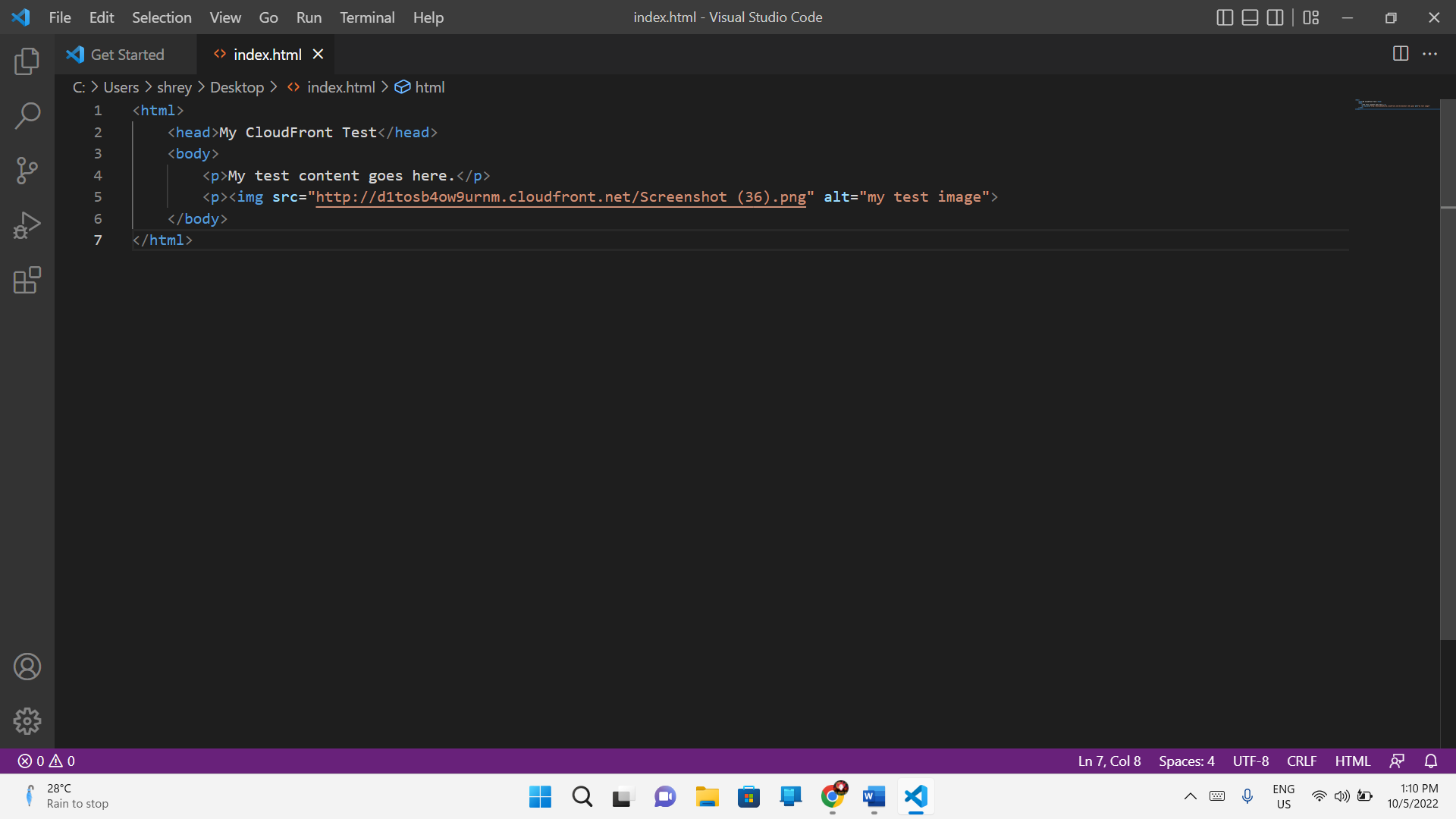


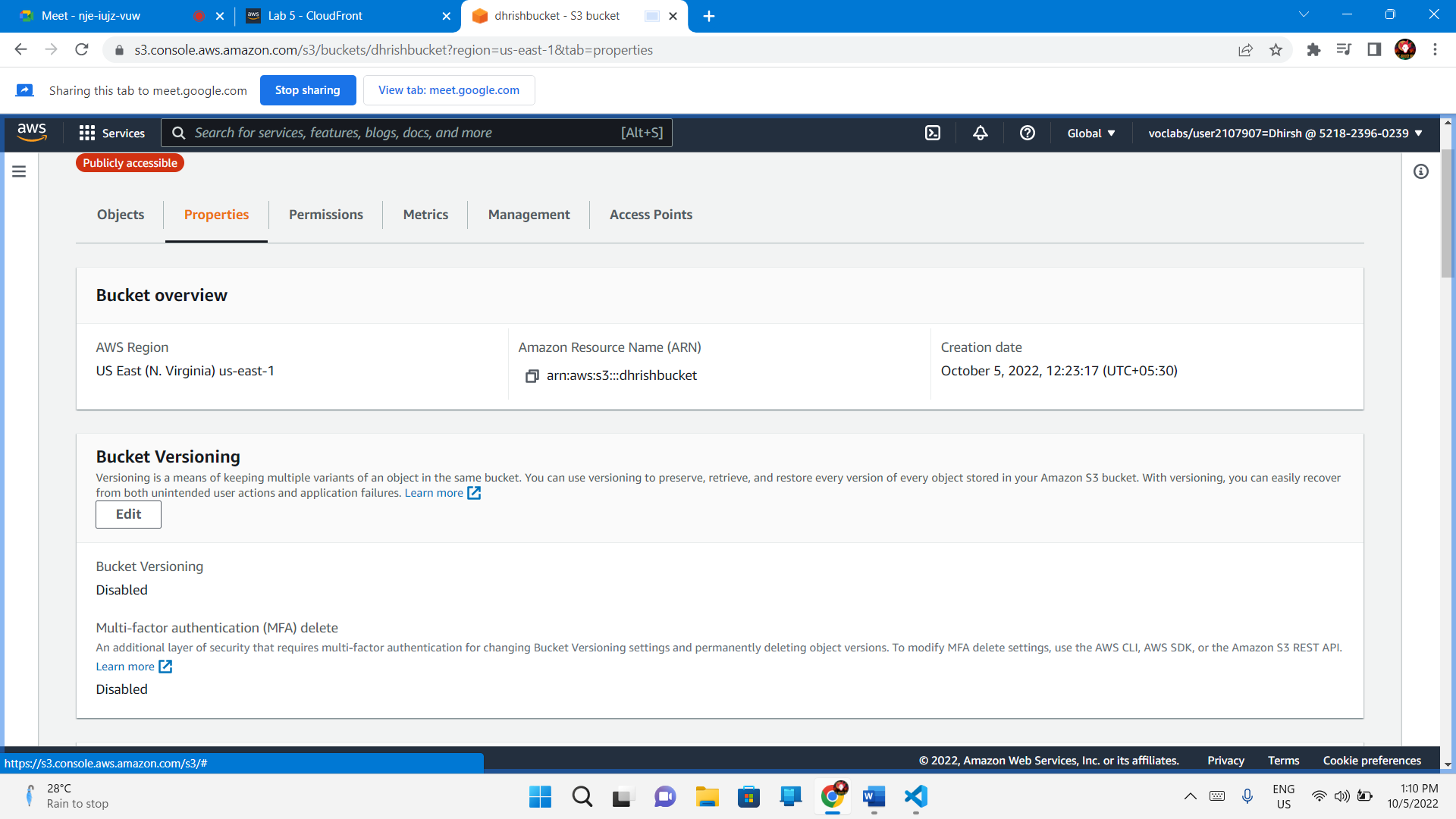
* Copy the **Domain Name** value

d1tosb4ow9urnm.cloudfront.net

* Create a html file
* <html>
* <head>My CloudFront Test</head>
* <body>
* <p>My test content goes here.</p>
* <p><img src="http://d1tosb4ow9urnm.cloudfront.net/object-name" alt="my test image">
* </body>
* </html>

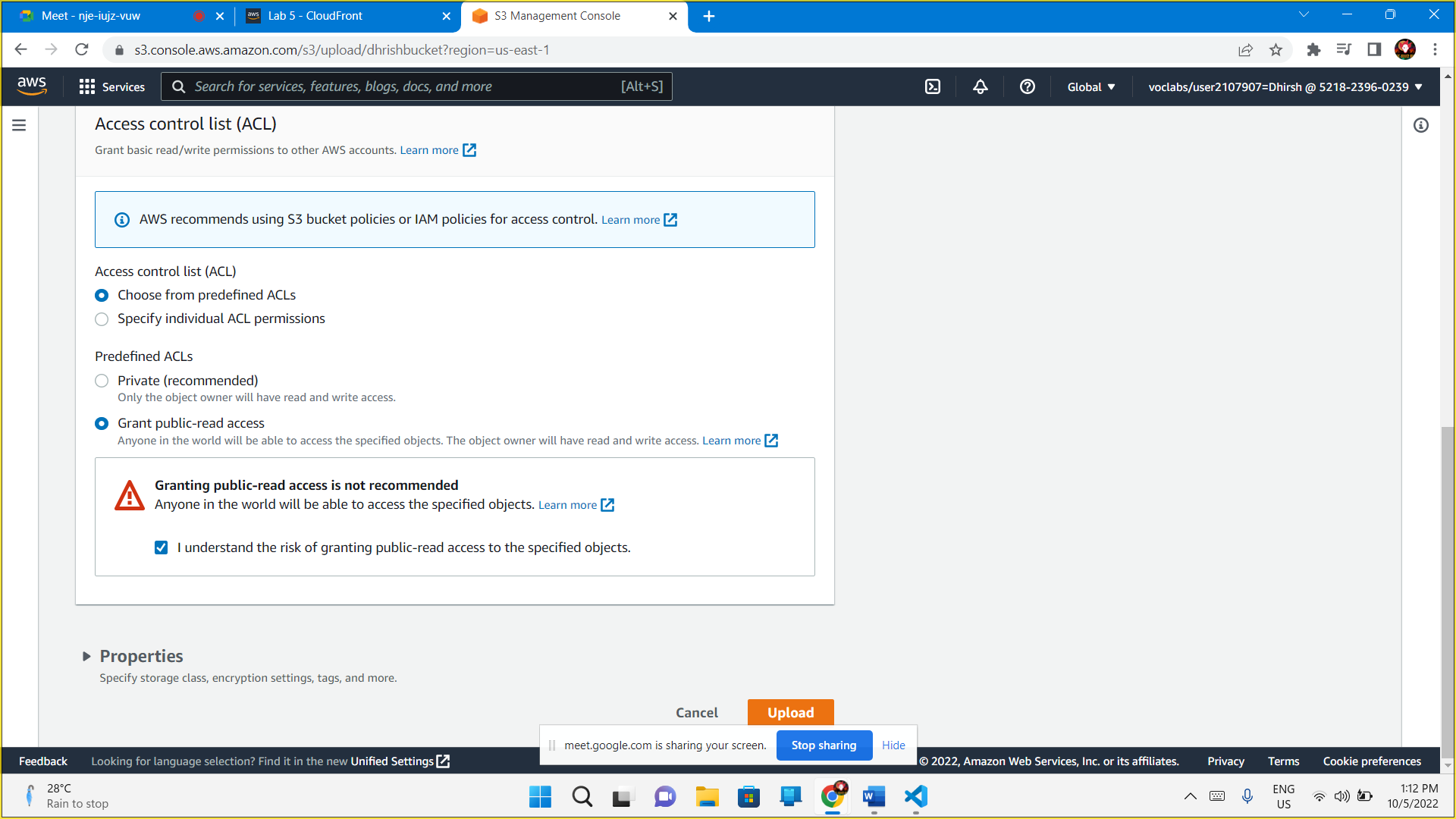


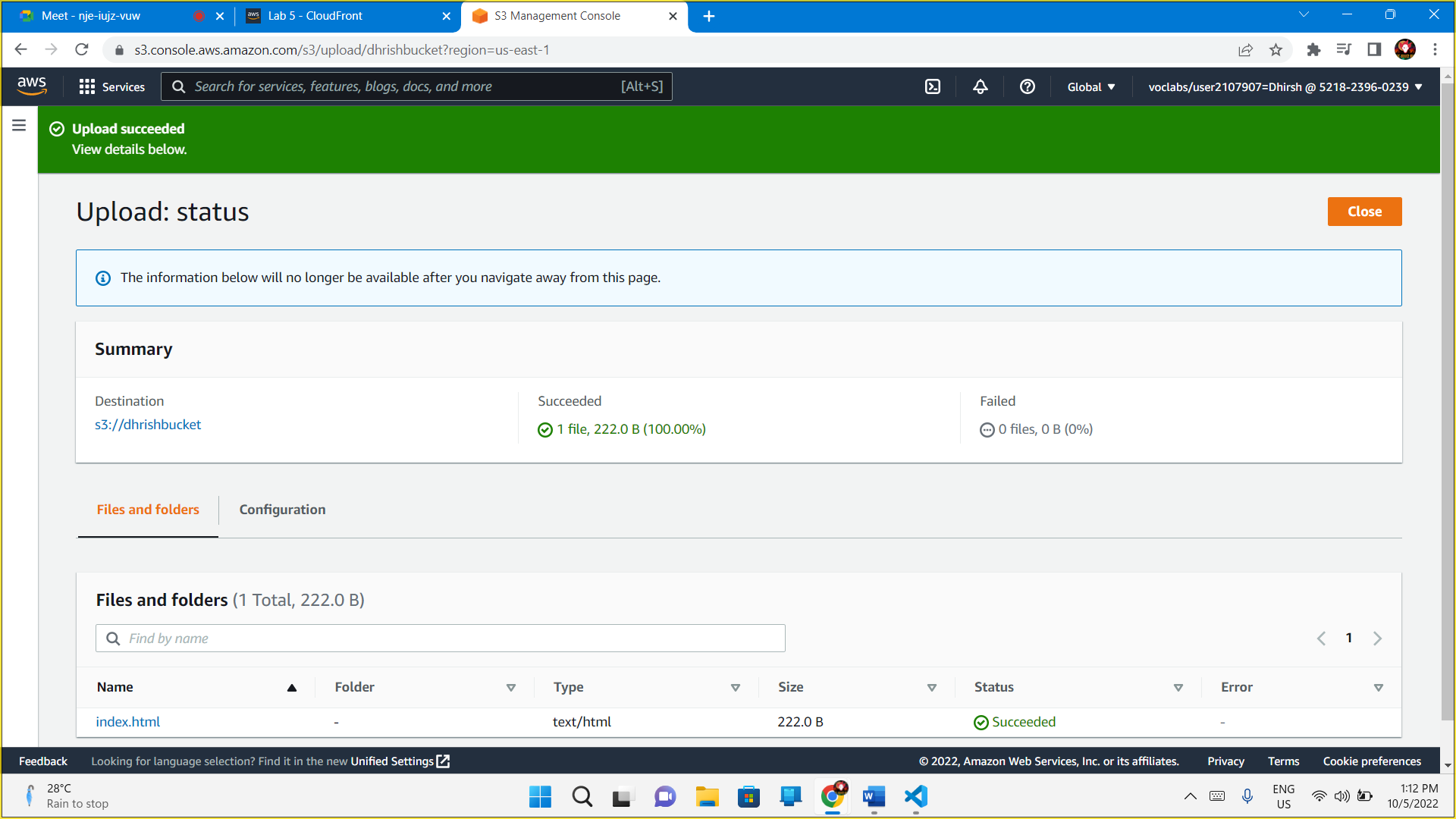




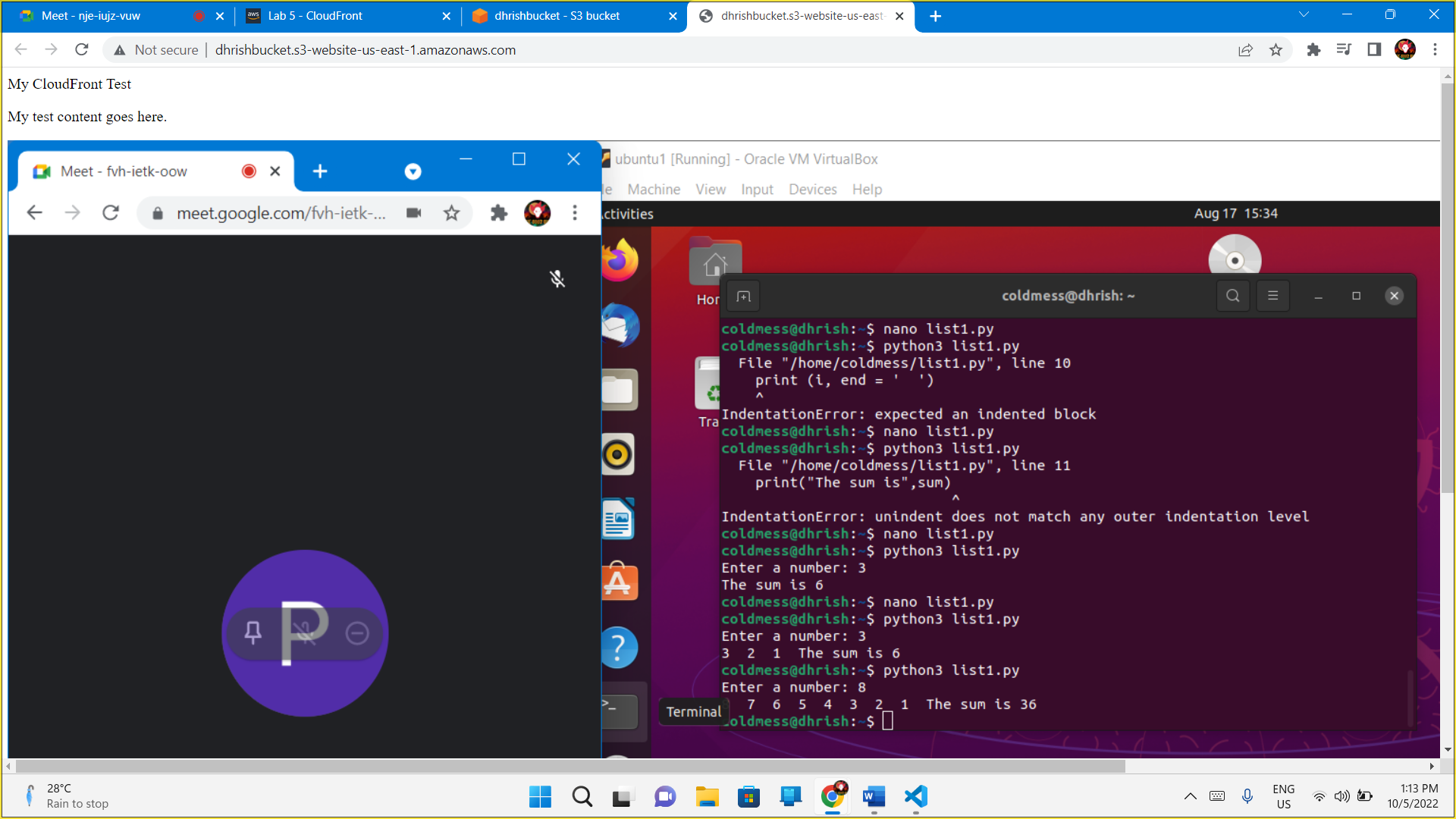
Upload the image Accordingly ( similar to index.html )







[http://dhrishbucket.s3-website-us-east-1.amazonaws.com](http://dhrishbucket.s3-website-us-east-1.amazonaws.com/)



End Lab

