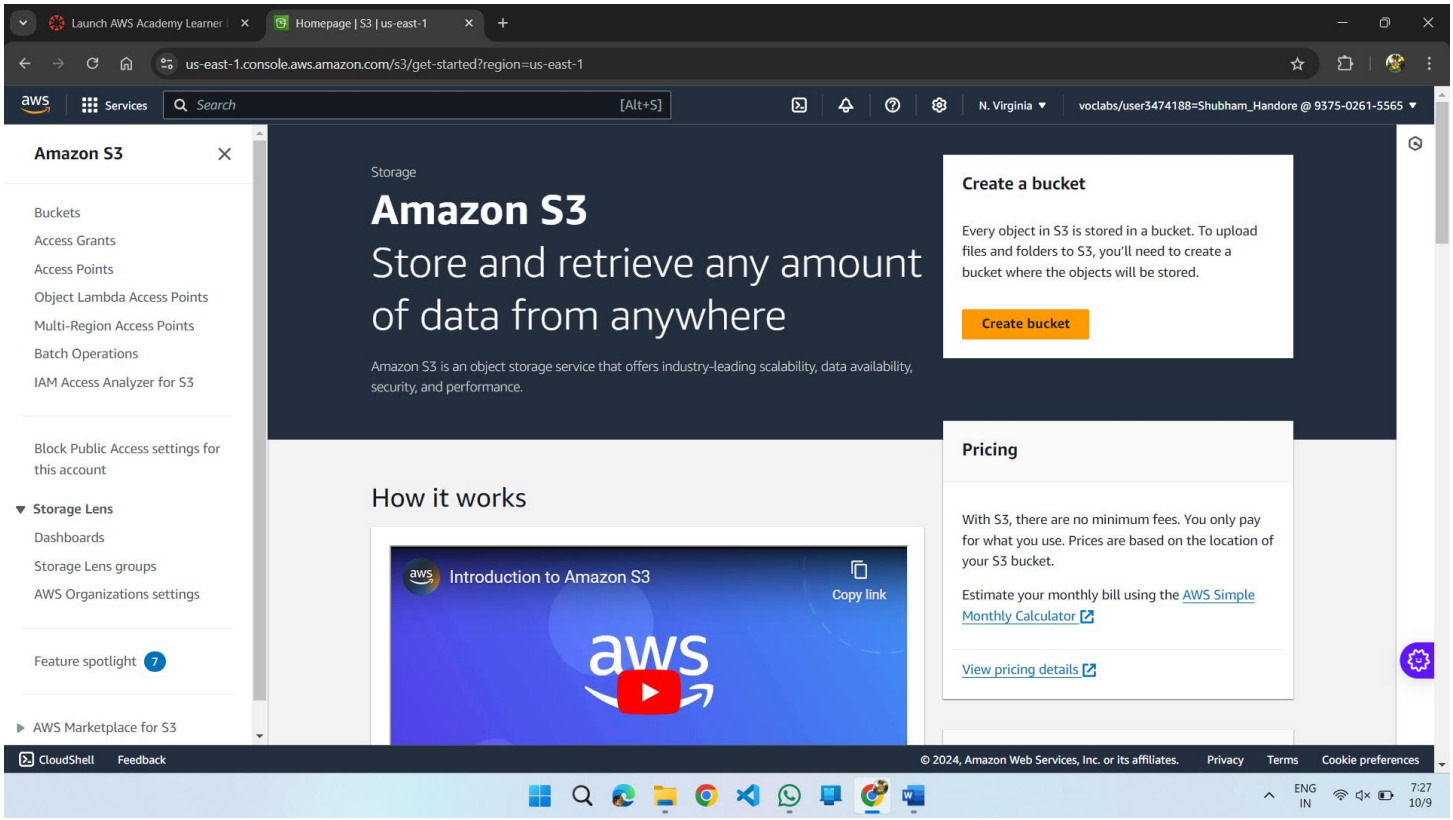
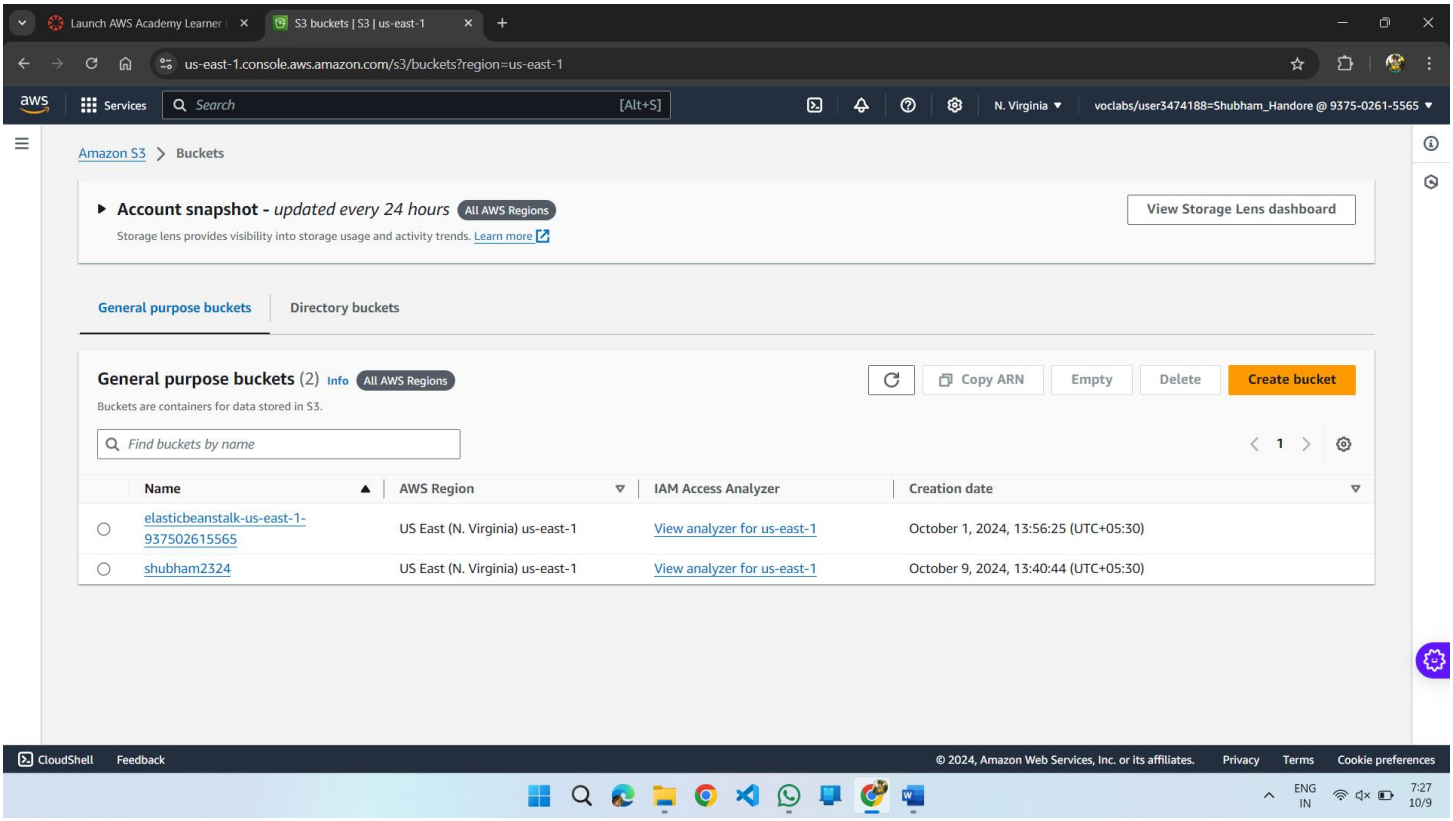
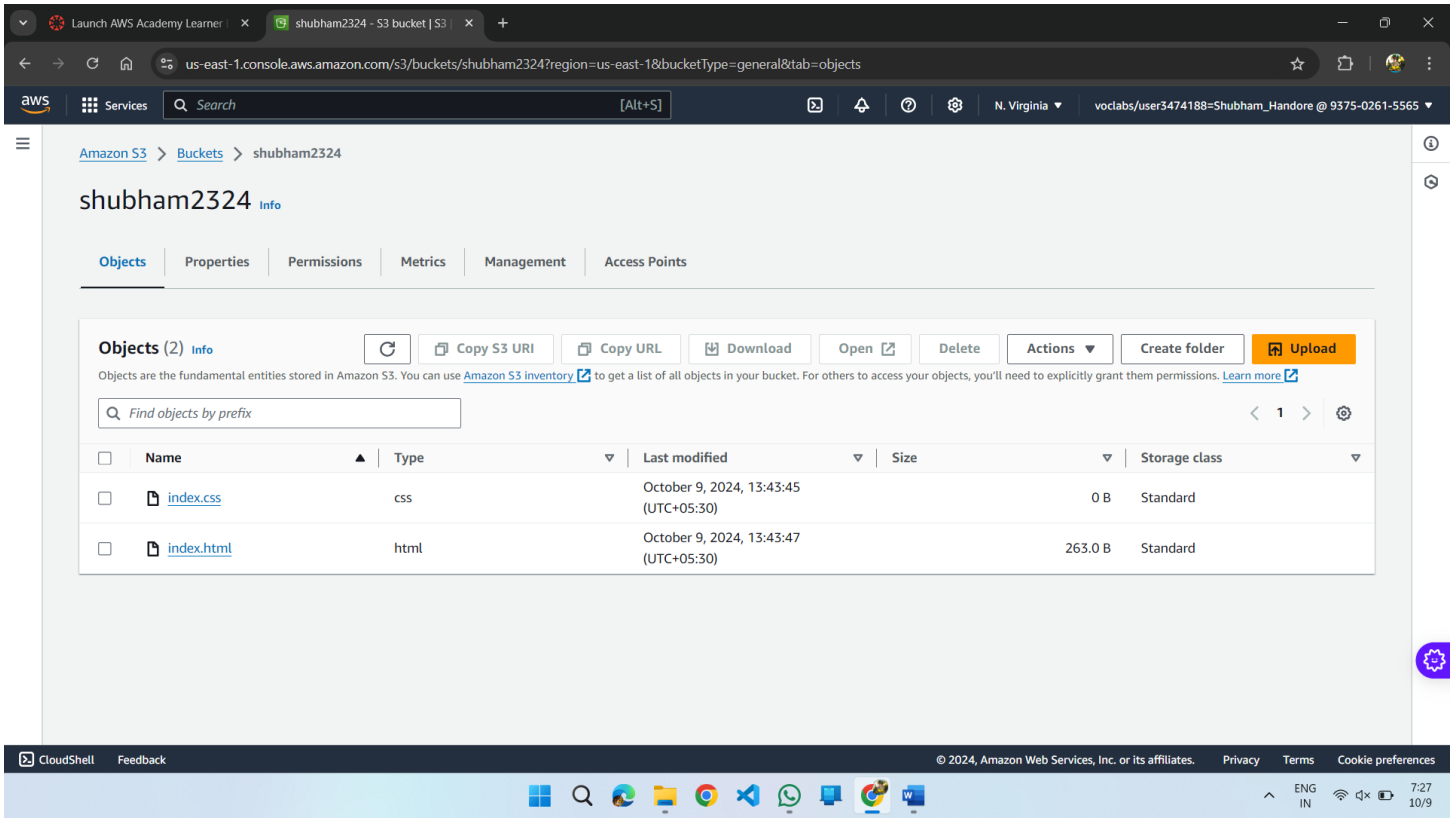
Cloud Computing Assignment 8

Practical Implementation of Storage as a Service Hosting a Static website in AWS using S3






Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=objects
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Amazon S3 > Buckets > shubham2324
shubham2324 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (2) Info
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Find objects by prefix
Name
Type
Last modified
Size
Storage class
index.css
css
October 9, 2024, 13:43:45 (UTC+05:30)
0 B
Standard
index.html
html
October 9, 2024, 13:43:47 (UTC+05:30)
263.0 B
Standard
CloudShell
Feedback
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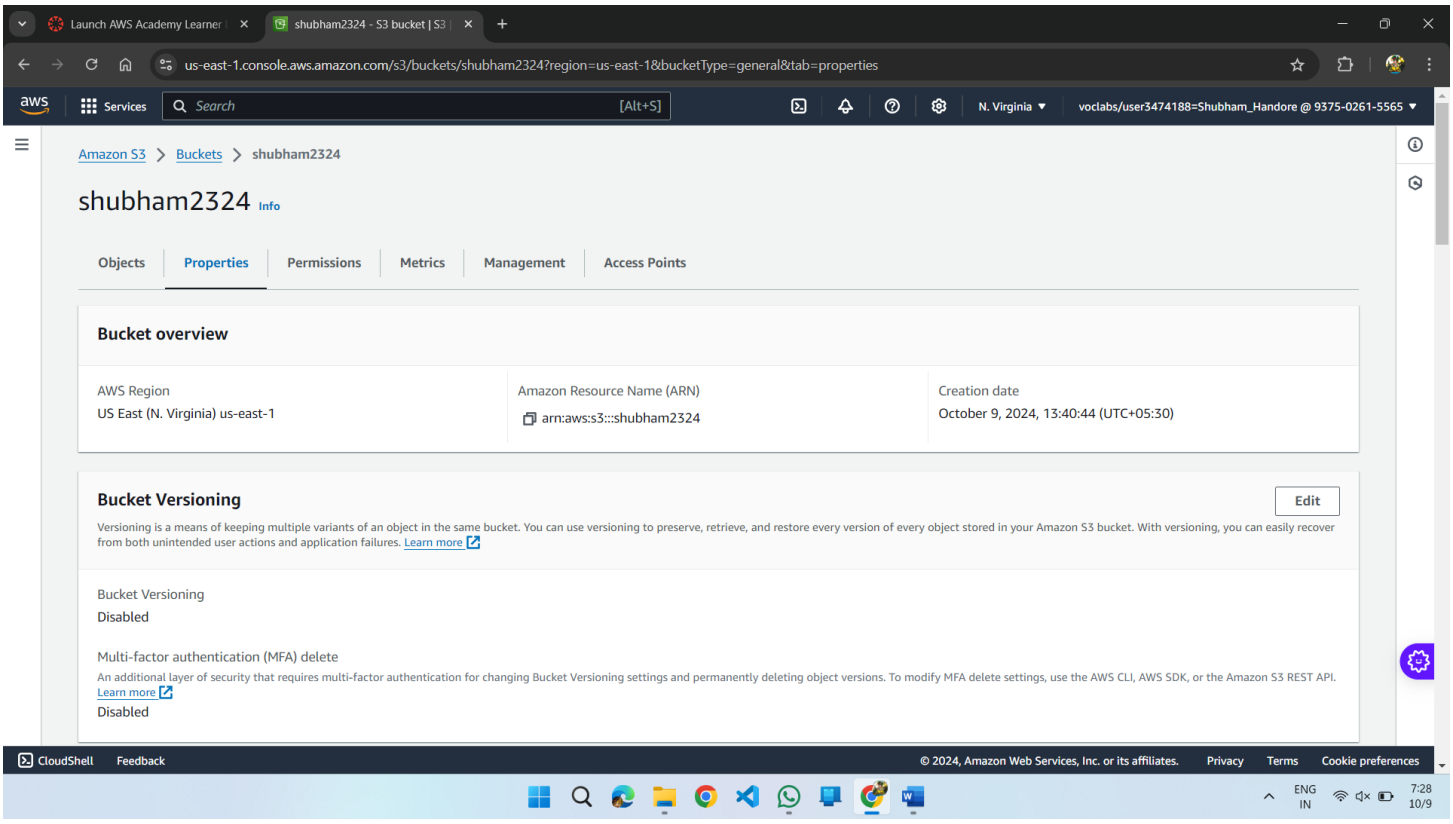
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=properties
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Amazon S3 > Buckets > shubham2324
shubham2324 Info
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:::shubham2324
Creation date
October 9, 2024, 13:40:44 (UTC+05:30)
Bucket Versioning
Edit
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
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. Learn more
Disabled
CloudShell
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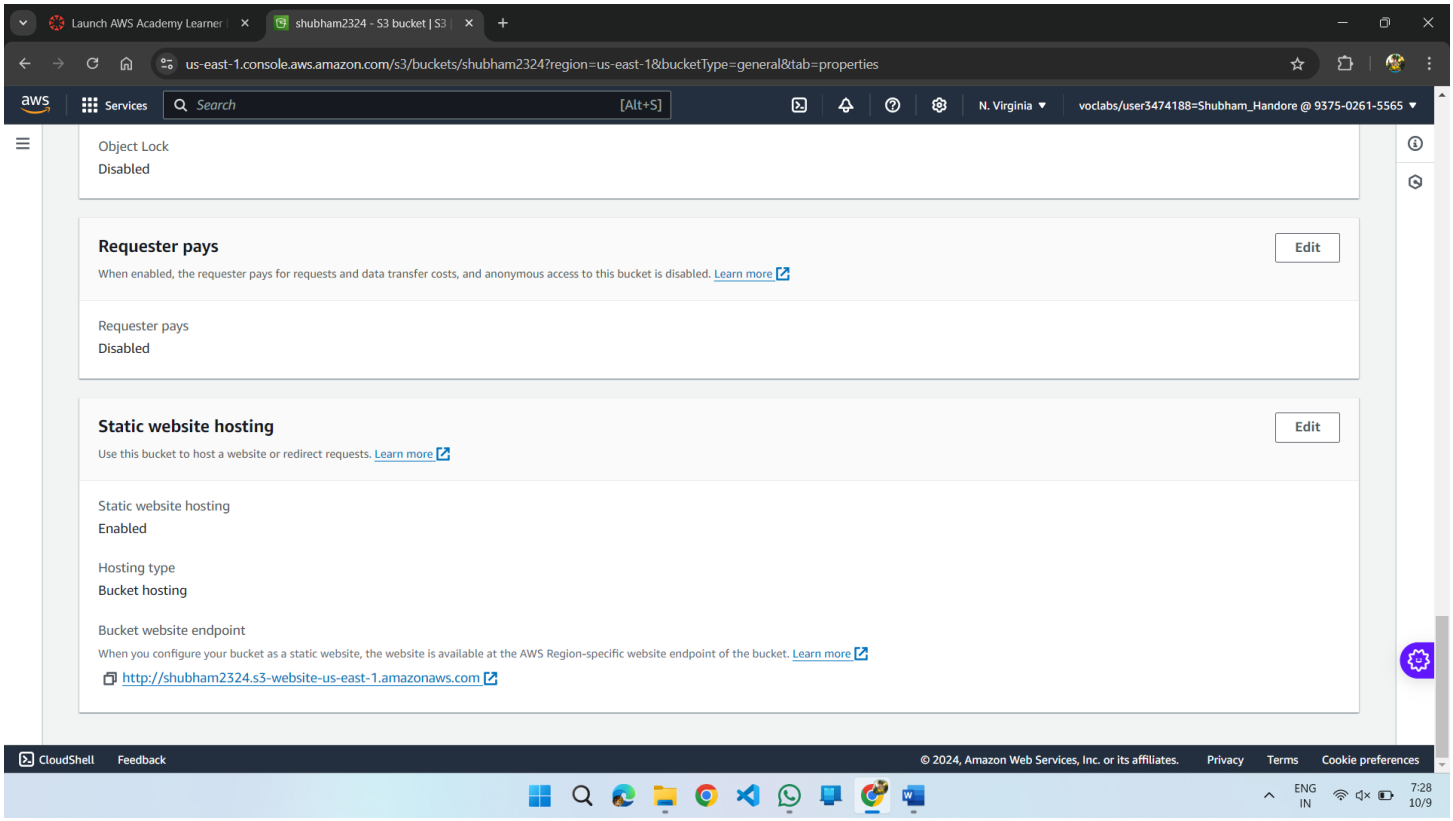
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=properties
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Object Lock
Disabled
Requester pays
When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. Learn more
Edit
Requester pays
Disabled
Static website hosting
Use this bucket to host a website or redirect requests. Learn more
Edit
Static website hosting
Enabled
Hosting type
Bucket hosting
Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. Learn more
http://shubham2324.s3-website-us-east-1.amazonaws.com
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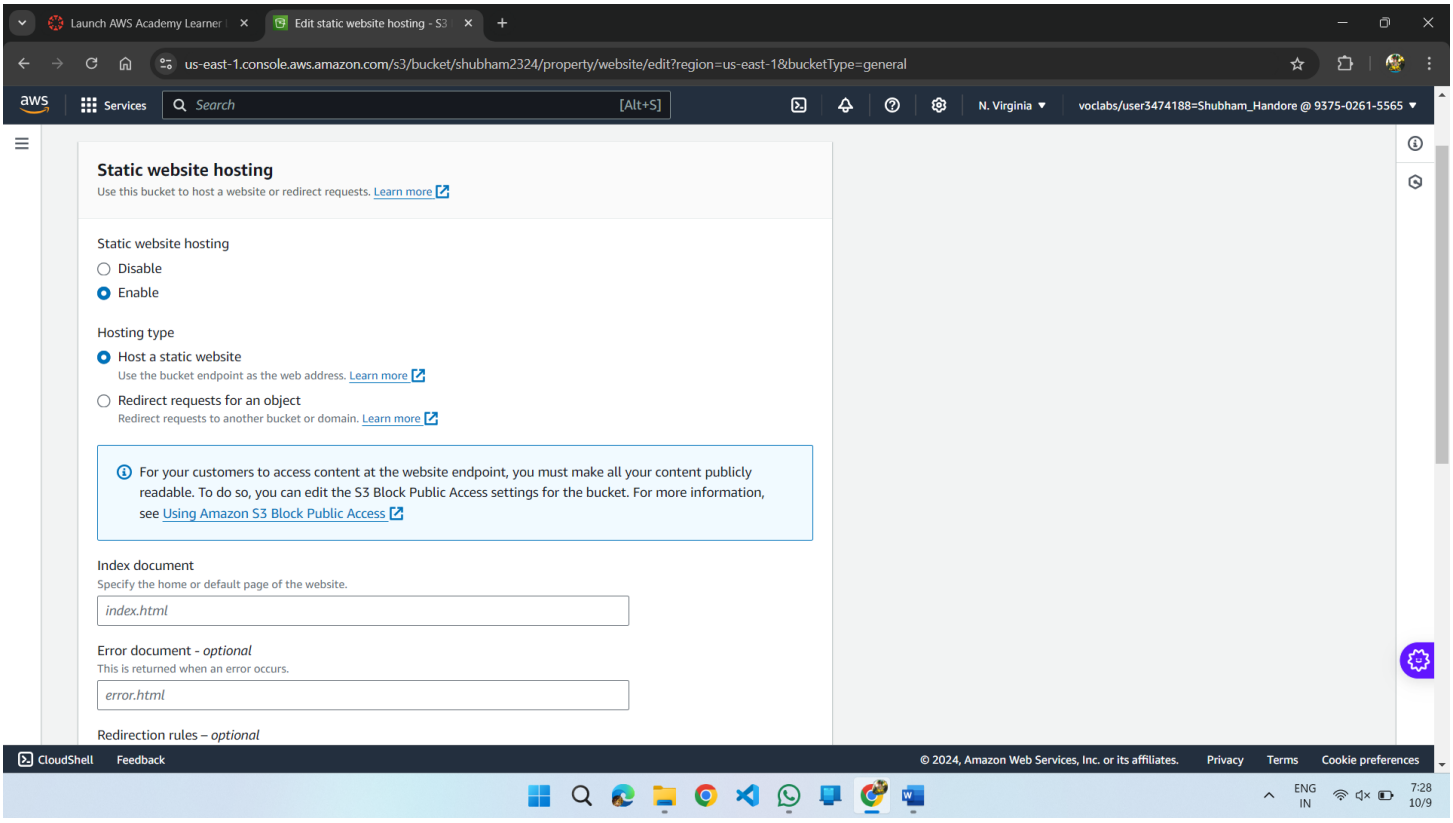
Launch AWS Academy Learner
Edit static website hosting - S3
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/property/website/edit?region=us-east-1&bucketType=general
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Static website hosting
Use this bucket 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.
index.html
Error document - optional
This is returned when an error occurs.
error.html
Redirection rules – optional
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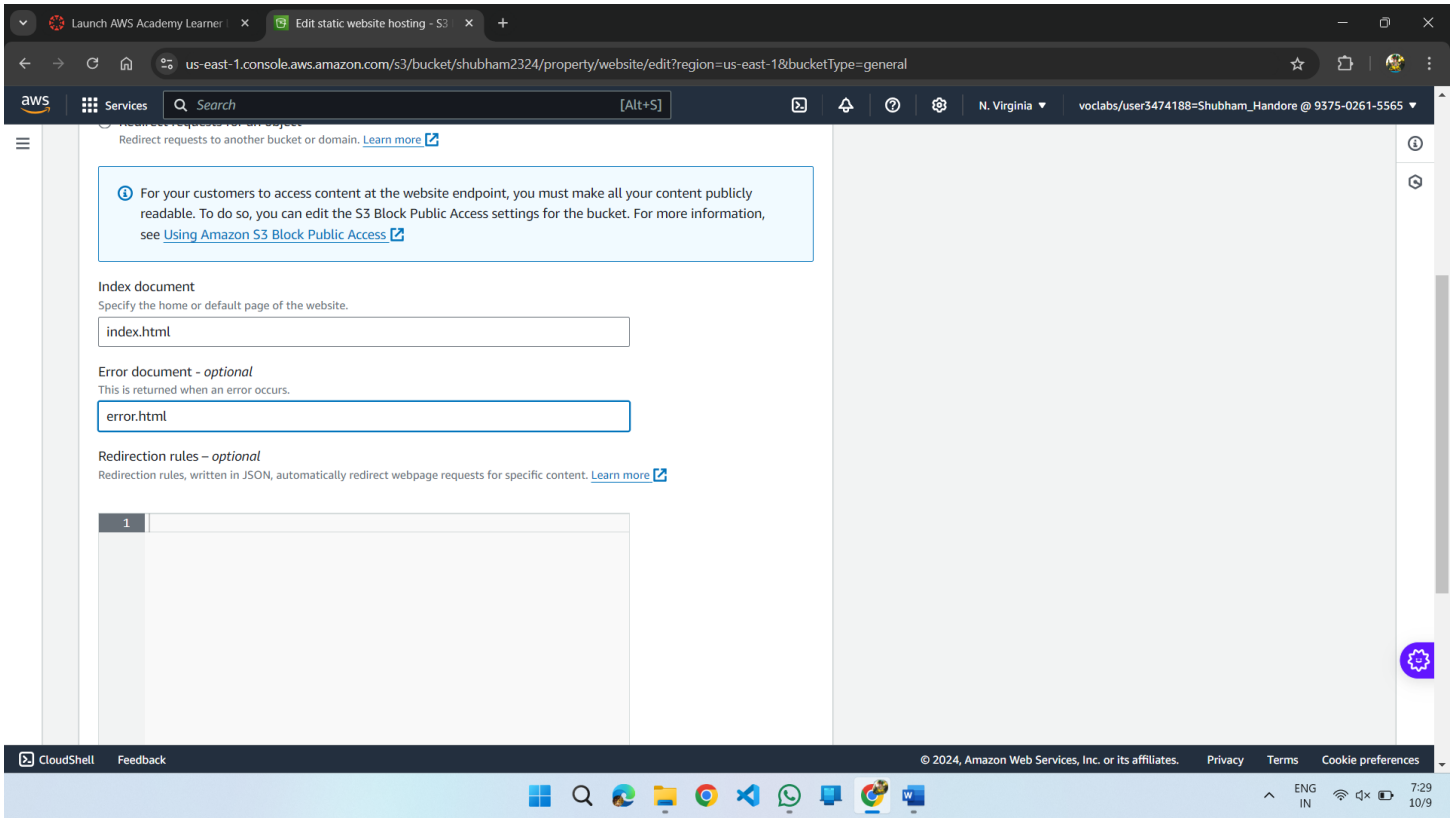
Launch AWS Academy Learner
Edit static website hosting - S3
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/property/website/edit?region=us-east-1&bucketType=general
Services
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N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
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Index document
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index.html
Error document - optional
This is returned when an error occurs.
error.html
Redirection rules – optional
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. Learn more
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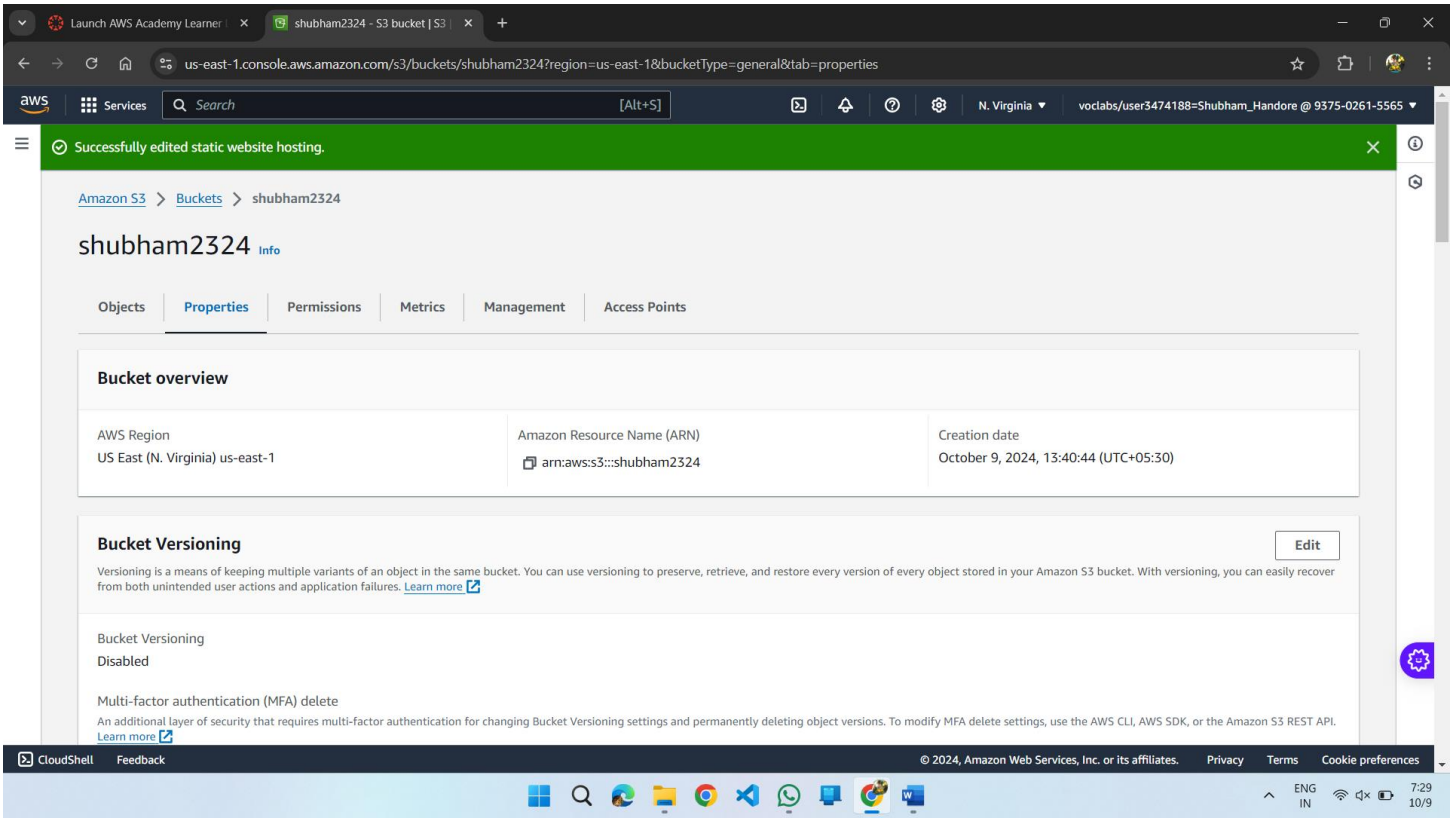
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=properties
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Successfully edited static website hosting.
Amazon S3 > Buckets > shubham2324
shubham2324 Info
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:::shubham2324
Creation date
October 9, 2024, 13:40:44 (UTC+05:30)
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Learn more
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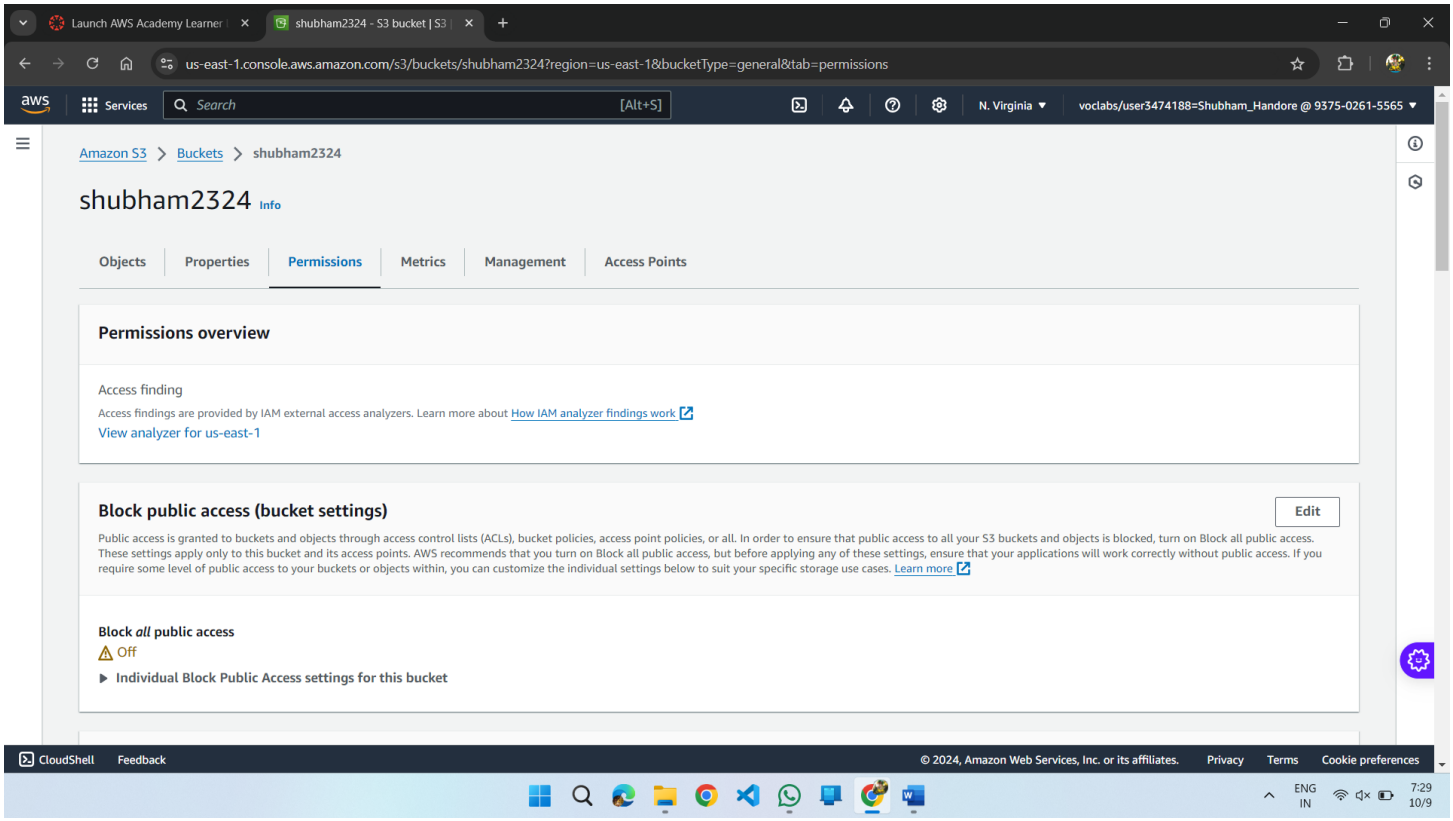
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=permissions
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Amazon S3 > Buckets > shubham2324
shubham2324 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Permissions overview
Access finding
Access findings are provided by IAM external access analyzers. Learn more about How IAM analyzer findings work
View analyzer for us-east-1
Block public access (bucket settings)
Edit
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. Learn more
Block all public access
Off
Individual Block Public Access settings for this bucket
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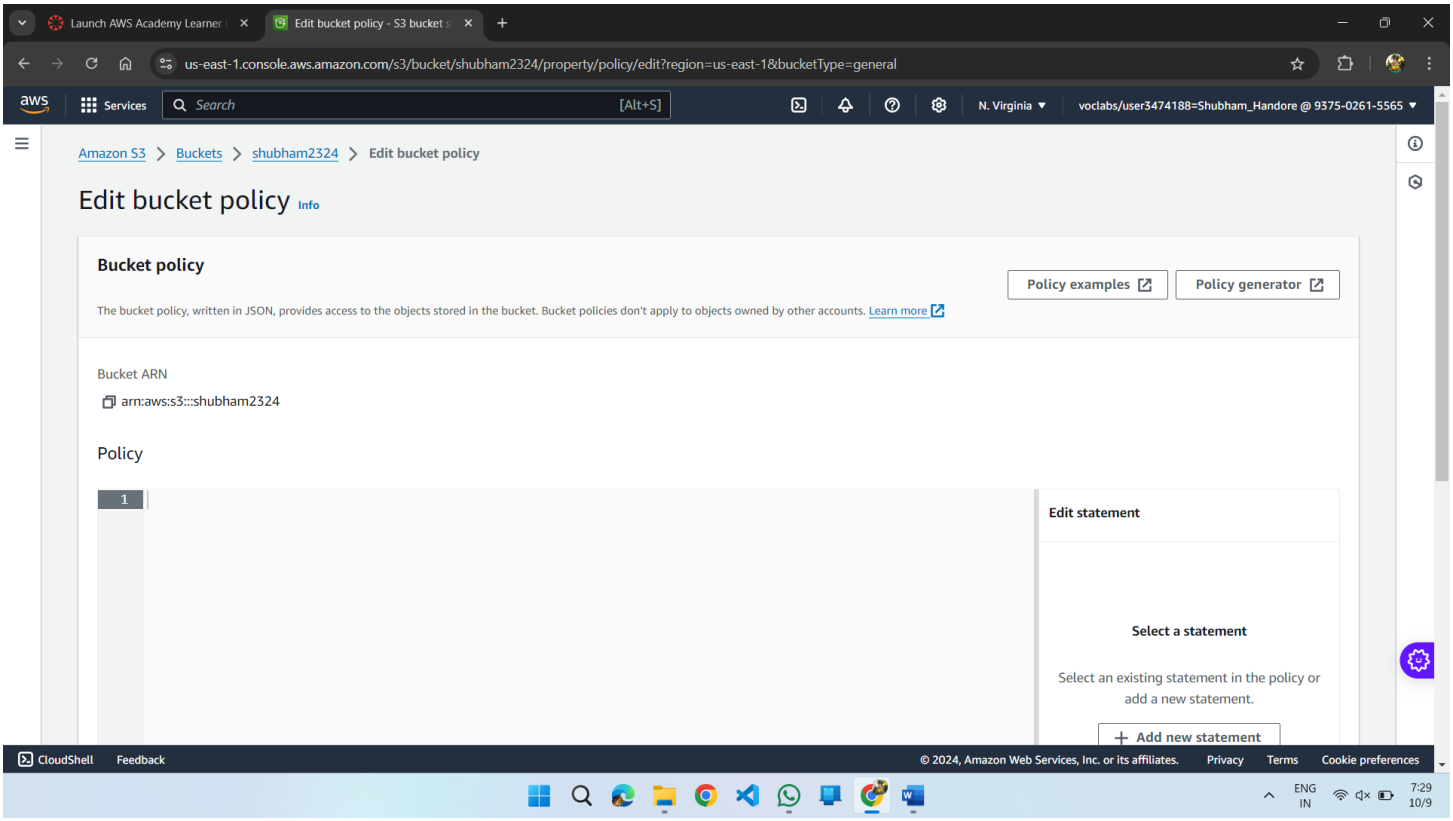
Launch AWS Academy Learner
Edit bucket policy - S3 bucket
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/property/policy/edit?region=us-east-1&bucketType=general
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Amazon S3 > Buckets > shubham2324 > Edit bucket policy
Edit bucket policy Info
Bucket policy
Policy examples
Policy generator
The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more
Bucket ARN
arn:aws:s3:::shubham2324
Policy
1
Edit statement
Select a statement
Select an existing statement in the policy or add a new statement.
Add new statement
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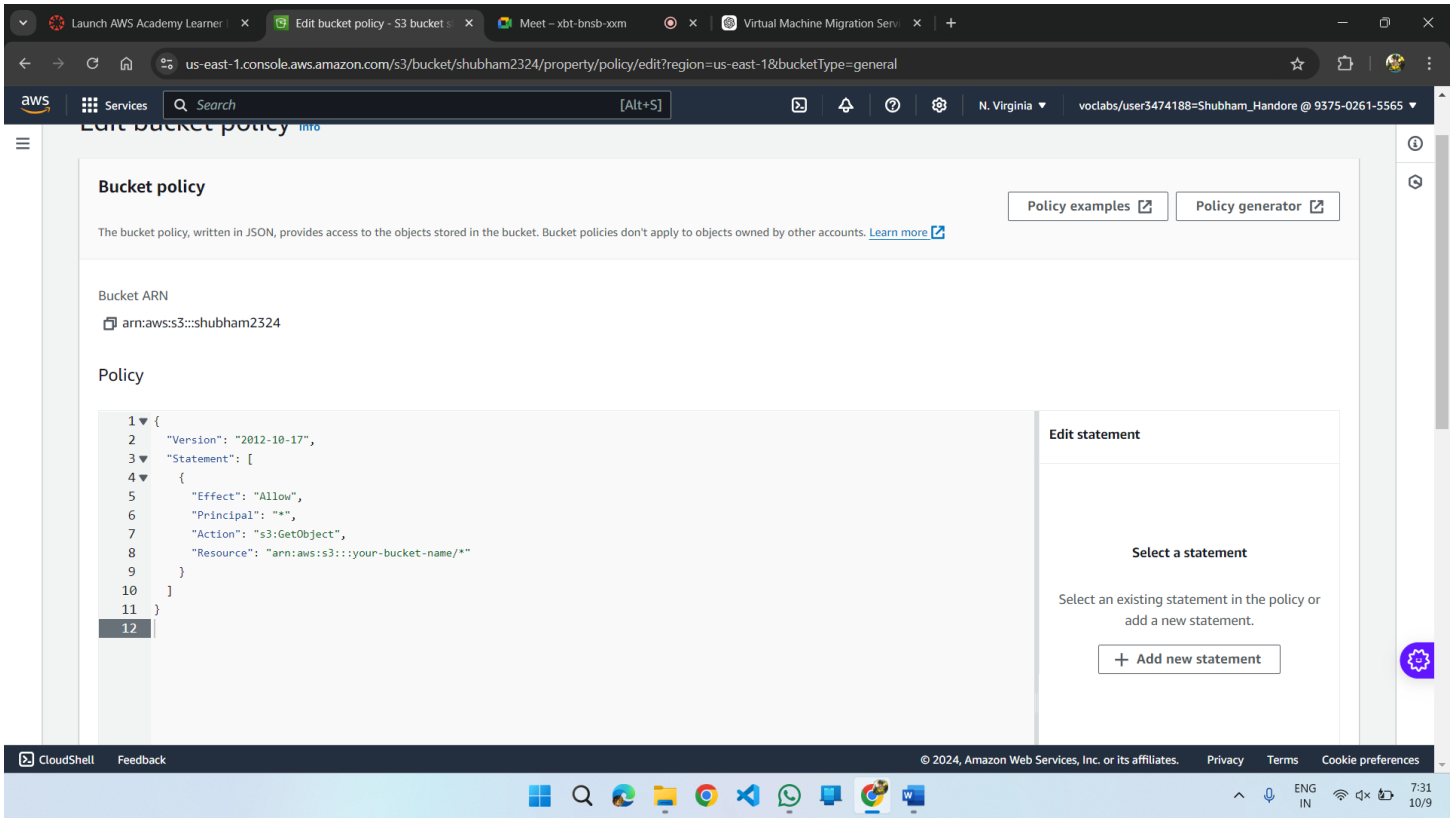
Launch AWS Academy Learner
Edit bucket policy - S3 bucket
Meet – xbt-bnsb-xxm
Virtual Machine Migration Serv
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/property/policy/edit?region=us-east-1&bucketType=general
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Bucket policy
Policy examples
Policy generator
The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more
Bucket ARN
arn:aws:s3:::shubham2324
Policy
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Principal": "*",
"Action": "s3:GetObject",
"Resource": "arn:aws:s3:::your-bucket-name/*"
}
]
}
Edit statement
Select a statement
Select an existing statement in the policy or add a new statement.
Add new statement
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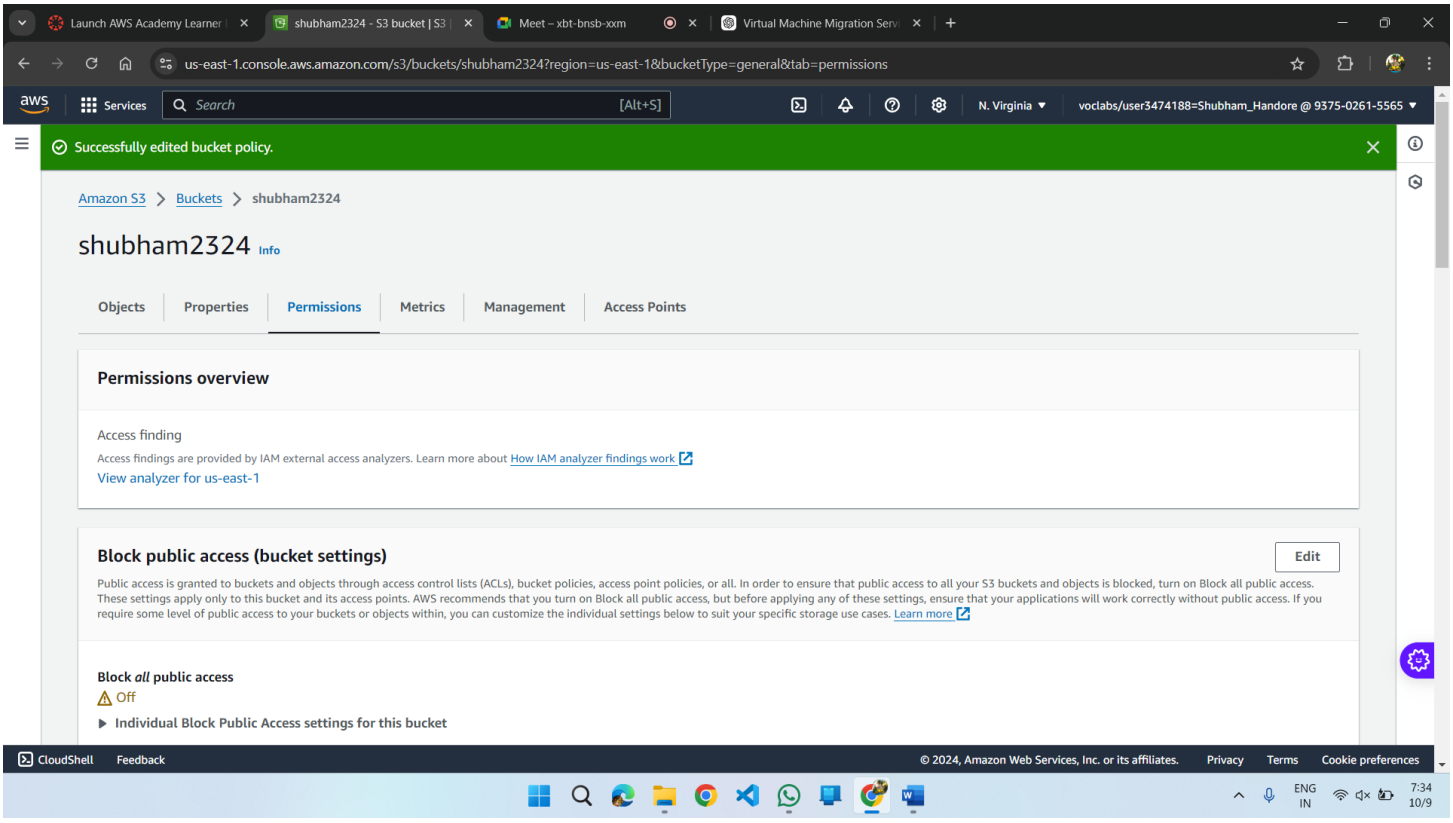
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
Meet – xbt-bnsb-xxm
Virtual Machine Migration Serv
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=permissions
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Successfully edited bucket policy.
Amazon S3
Buckets
shubham2324
shubham2324 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Permissions overview
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Block all public access
Off
Individual Block Public Access settings for this bucket
CloudShell
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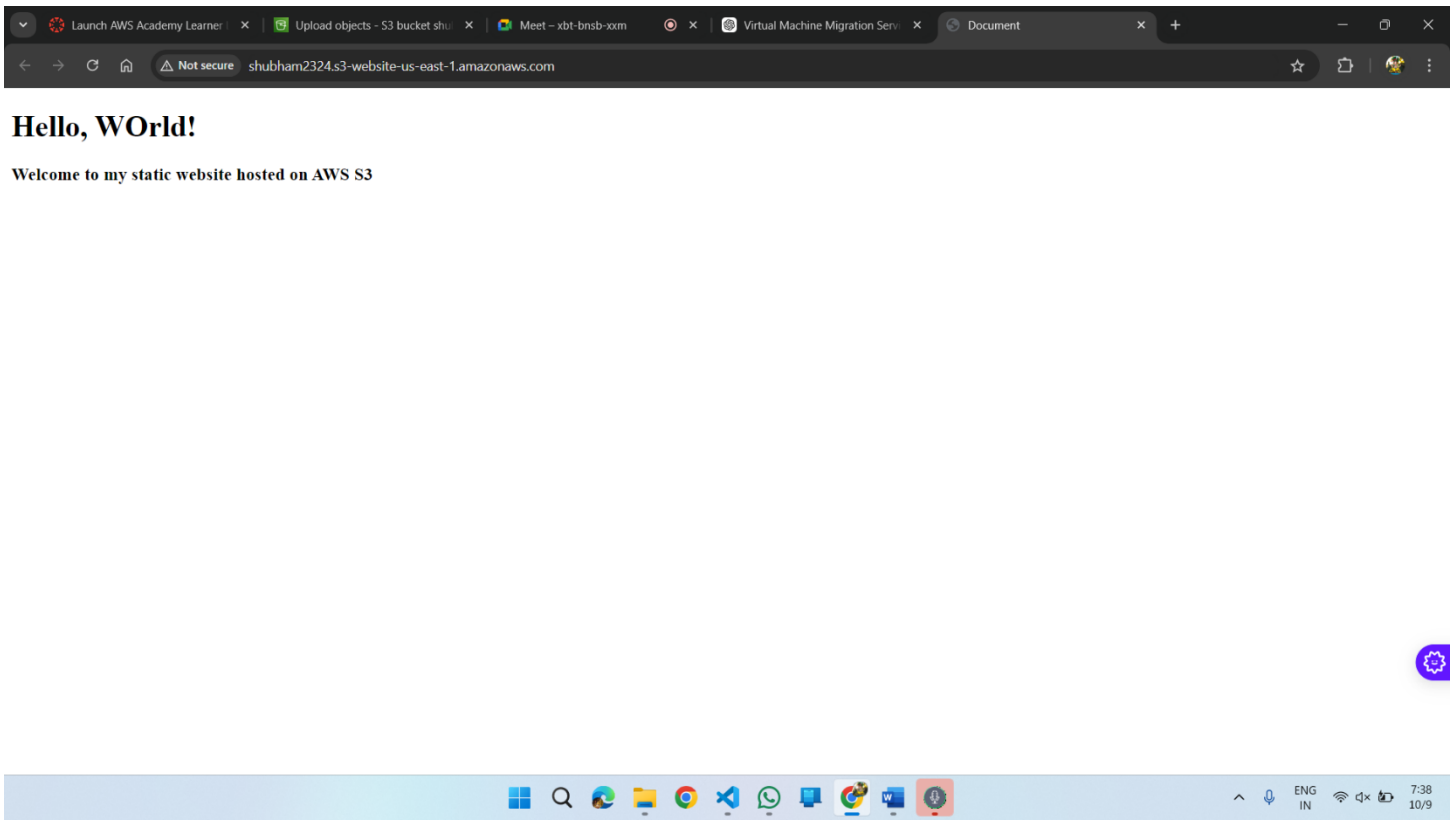
Launch AWS Academy Learner
Upload objects - S3 bucket shu
Meet – xbt-bnsb-xxm
Virtual Machine Migration Serv
Document
Not secure
shubham2324.s3-website-us-east-1.amazonaws.com
Hello, WOrld!
Welcome to my static website hosted on AWS S3
ENG
IN
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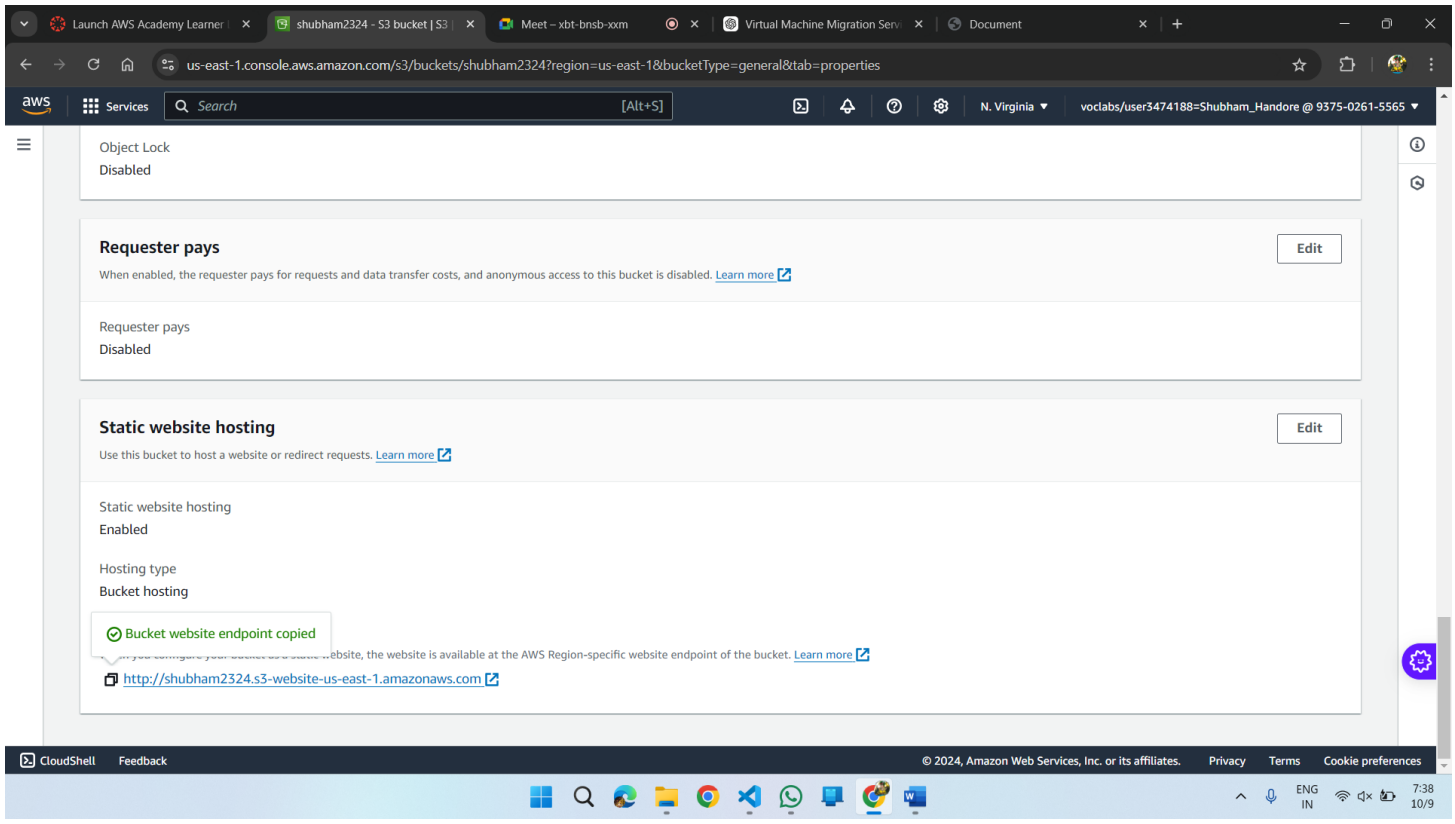
Launch AWS Academy Learner
shubham2324 - S3 bucket | S3
Meet – xbt-bnsb-xxm
Virtual Machine Migration Serv
Document
us-east-1.console.aws.amazon.com/s3/buckets/shubham2324?region=us-east-1&bucketType=general&tab=properties
aws
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Object Lock
Disabled
Requester pays
Edit
When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. Learn more
Requester pays
Disabled
Static website hosting
Edit
Use this bucket to host a website or redirect requests. Learn more
Static website hosting
Enabled
Hosting type
Bucket hosting
Bucket website endpoint copied
website, the website is available at the AWS Region-specific website endpoint of the bucket. Learn more
http://shubham2324.s3-website-us-east-1.amazonaws.com
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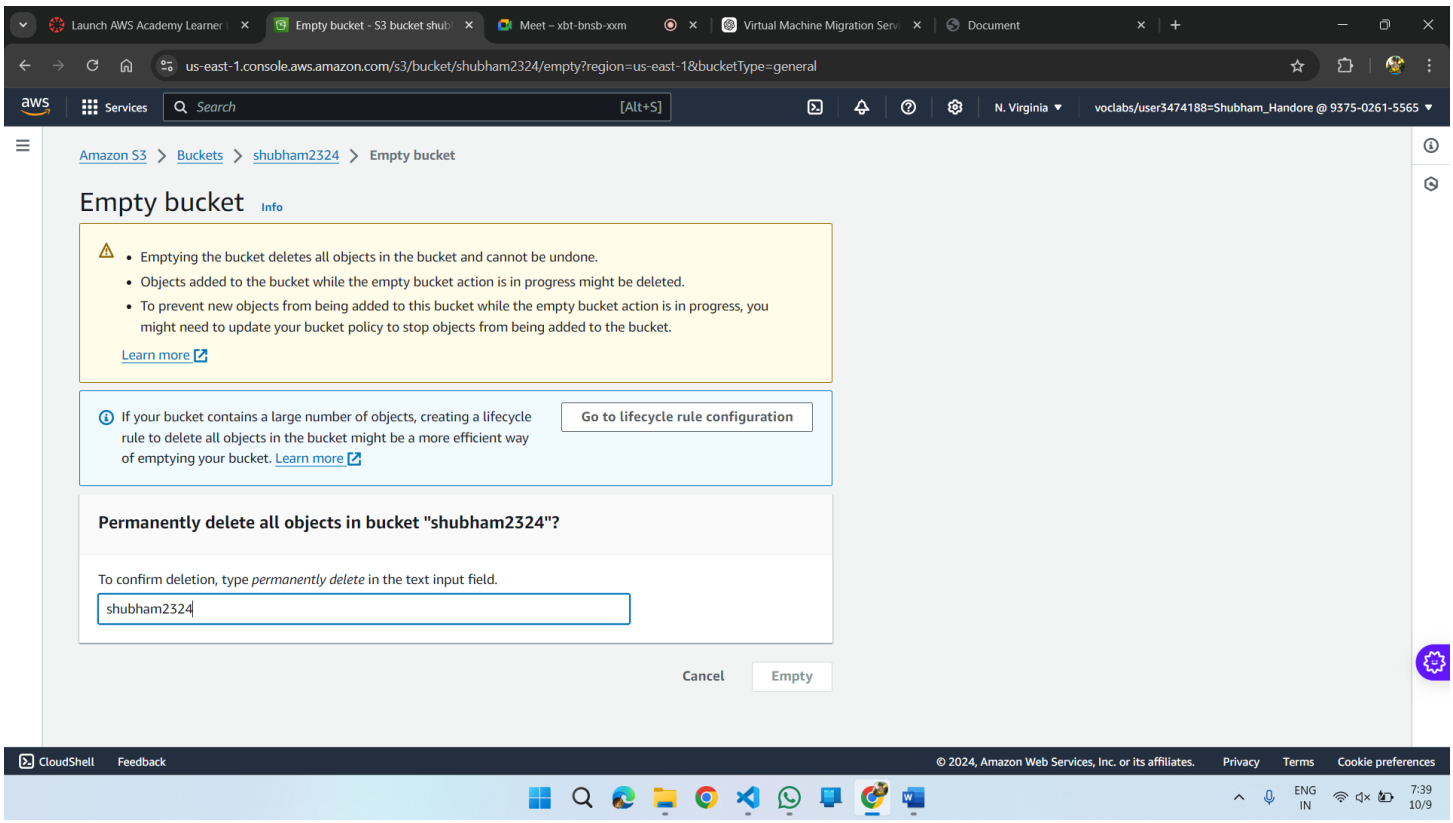
Launch AWS Academy Learner
Empty bucket - S3 bucket shubh
Meet – xbt-bnsb-xxm
Virtual Machine Migration Servi
Document
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/empty?region=us-east-1&bucketType=general
aws
Services
Search
[Alt+S]
N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
Amazon S3 > Buckets > shubham2324 > Empty bucket
Empty bucket Info
Emptying the bucket deletes all objects in the bucket and cannot be undone.
Objects added to the bucket while the empty bucket action is in progress might be deleted.
To prevent new objects from being added to this bucket while the empty bucket action is in progress, you might need to update your bucket policy to stop objects from being added to the bucket.
Learn more
If your bucket contains a large number of objects, creating a lifecycle rule to delete all objects in the bucket might be a more efficient way of emptying your bucket. Learn more
Go to lifecycle rule configuration
Permanently delete all objects in bucket "shubham2324"?
To confirm deletion, type permanently delete in the text input field.
shubham2324
Cancel
Empty
CloudShell
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IN
7:39
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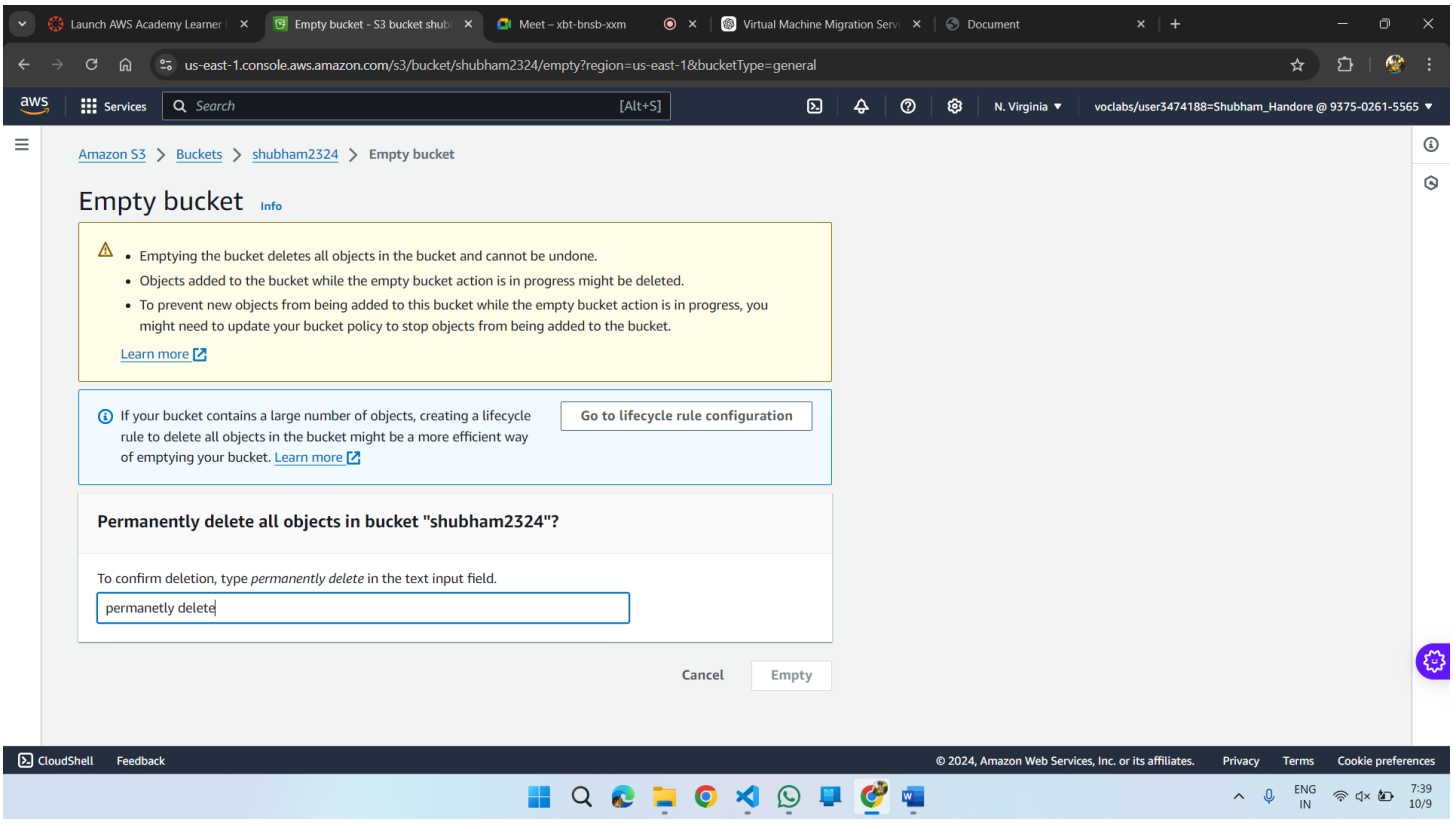
Launch AWS Academy Learner
Empty bucket - S3 bucket shubh
Meet – xbt-bnsb-xxm
Virtual Machine Migration Servi
Document
us-east-1.console.aws.amazon.com/s3/bucket/shubham2324/empty?region=us-east-1&bucketType=general
aws
Services
Search
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N. Virginia
voclabs/user3474188=Shubham_Handore @ 9375-0261-5565
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Permanently delete all objects in bucket "shubham2324"?
To confirm deletion, type permanently delete in the text input field.
permanetly delete
Cancel
Empty
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