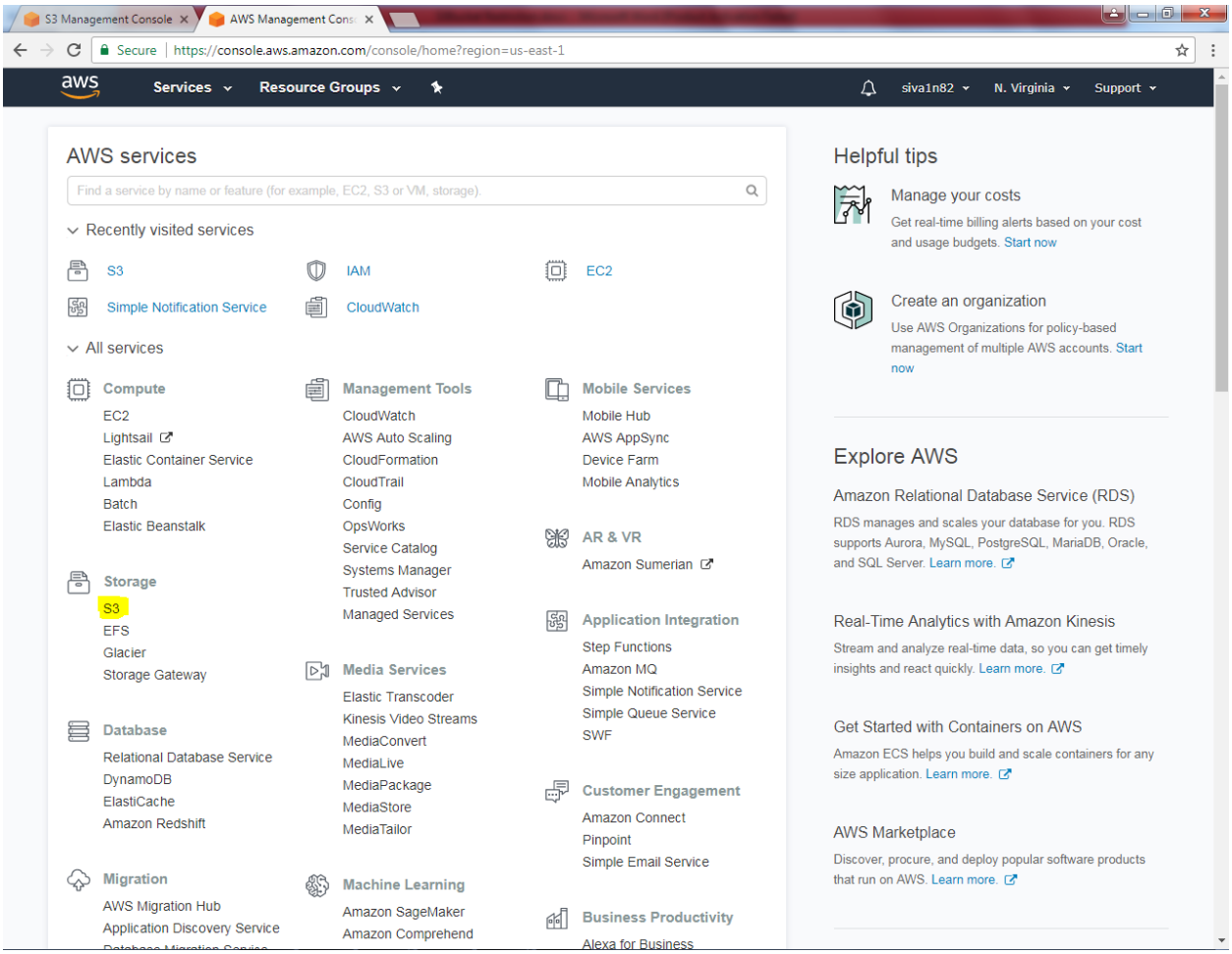
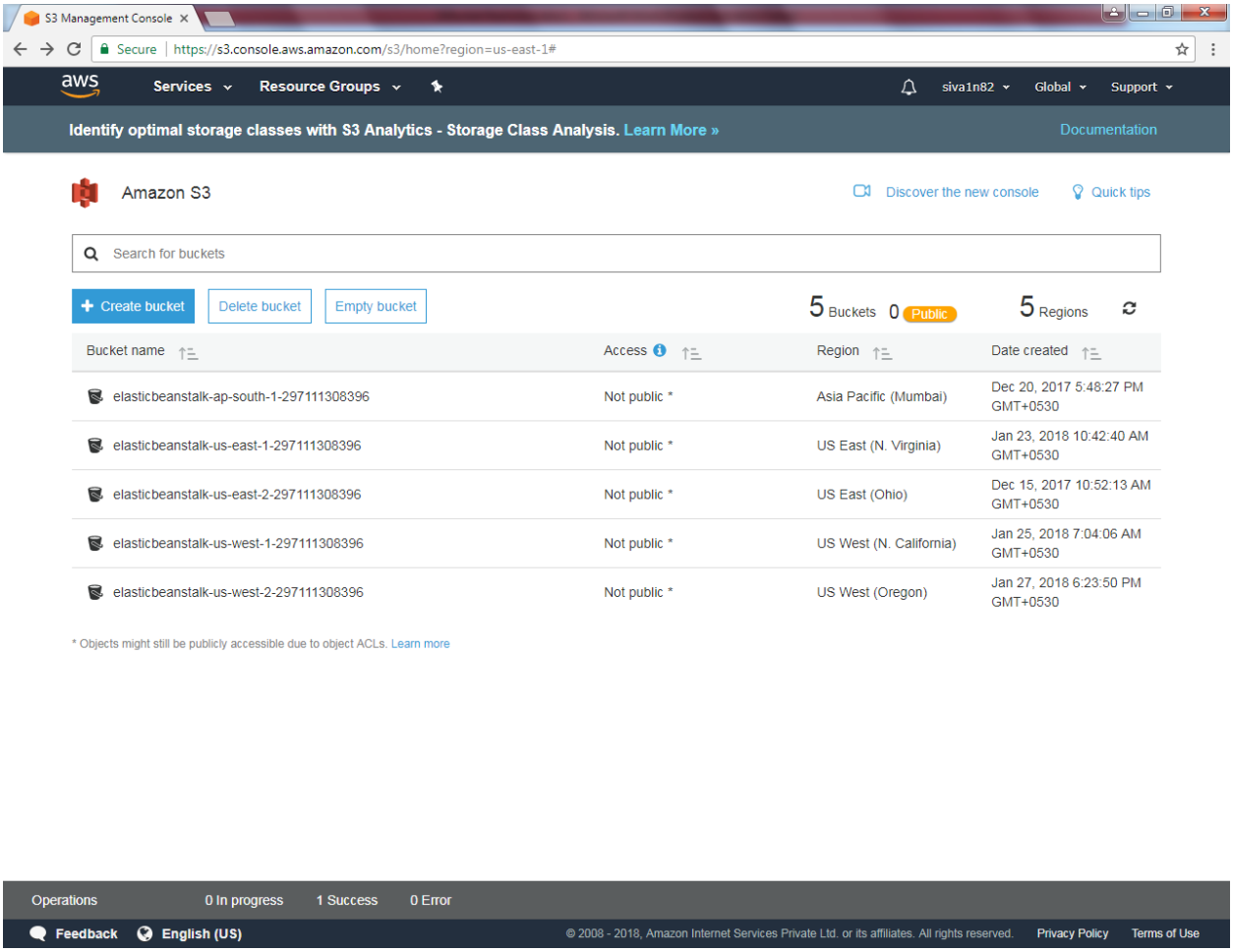
Lab 23

S3 Bucket – write restriction by using IAM

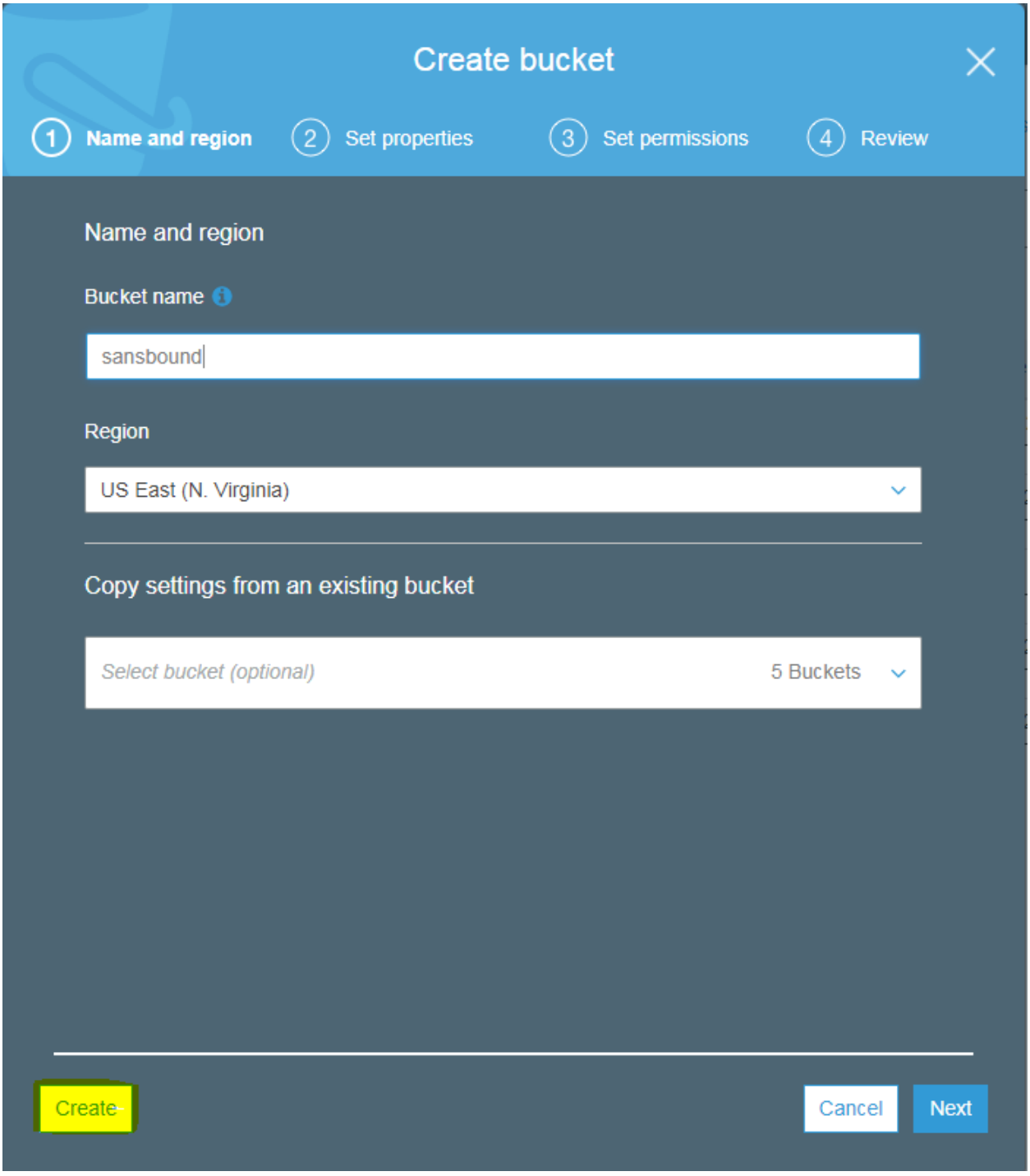
Click “S3”service.



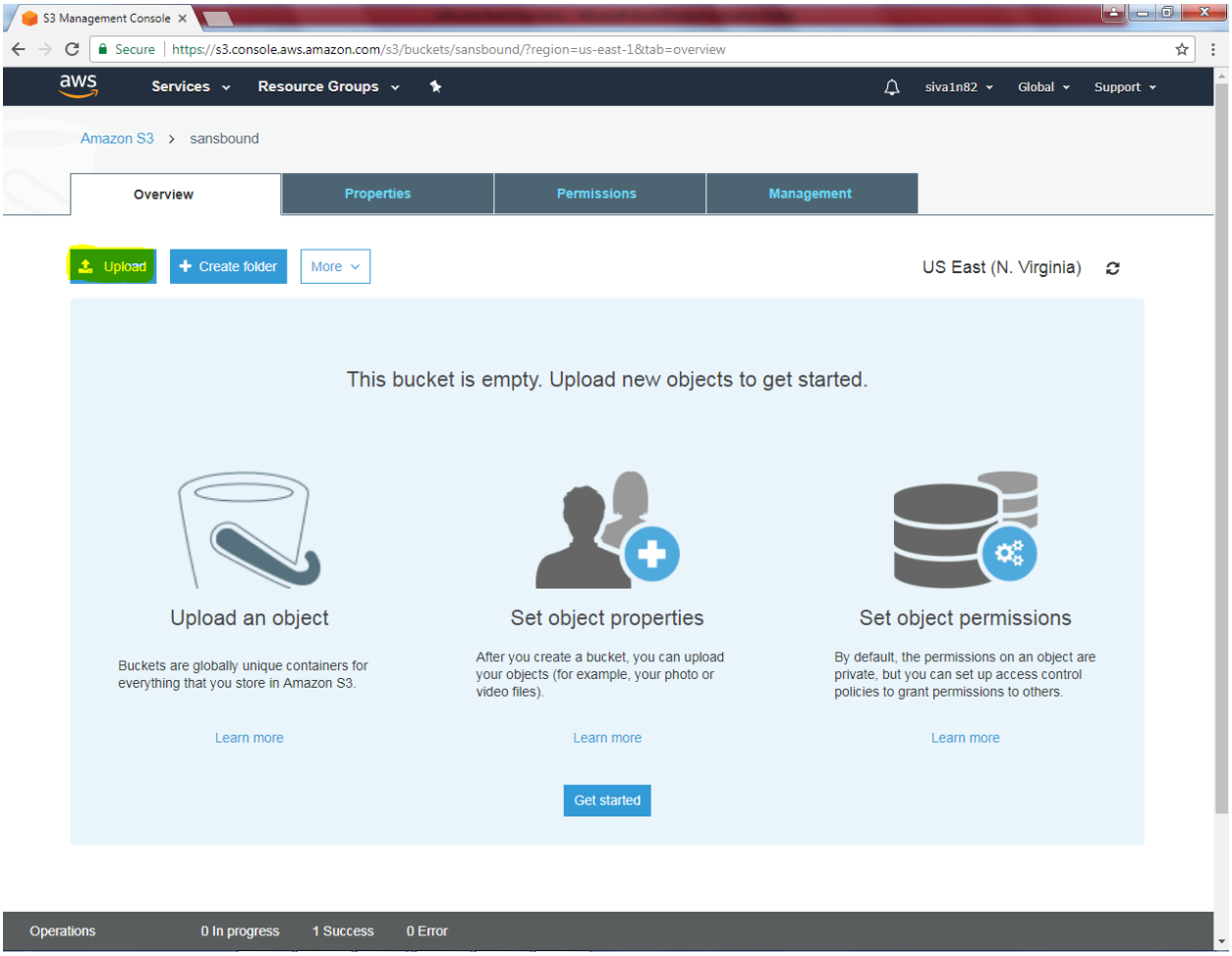
Click “Create bucket”.



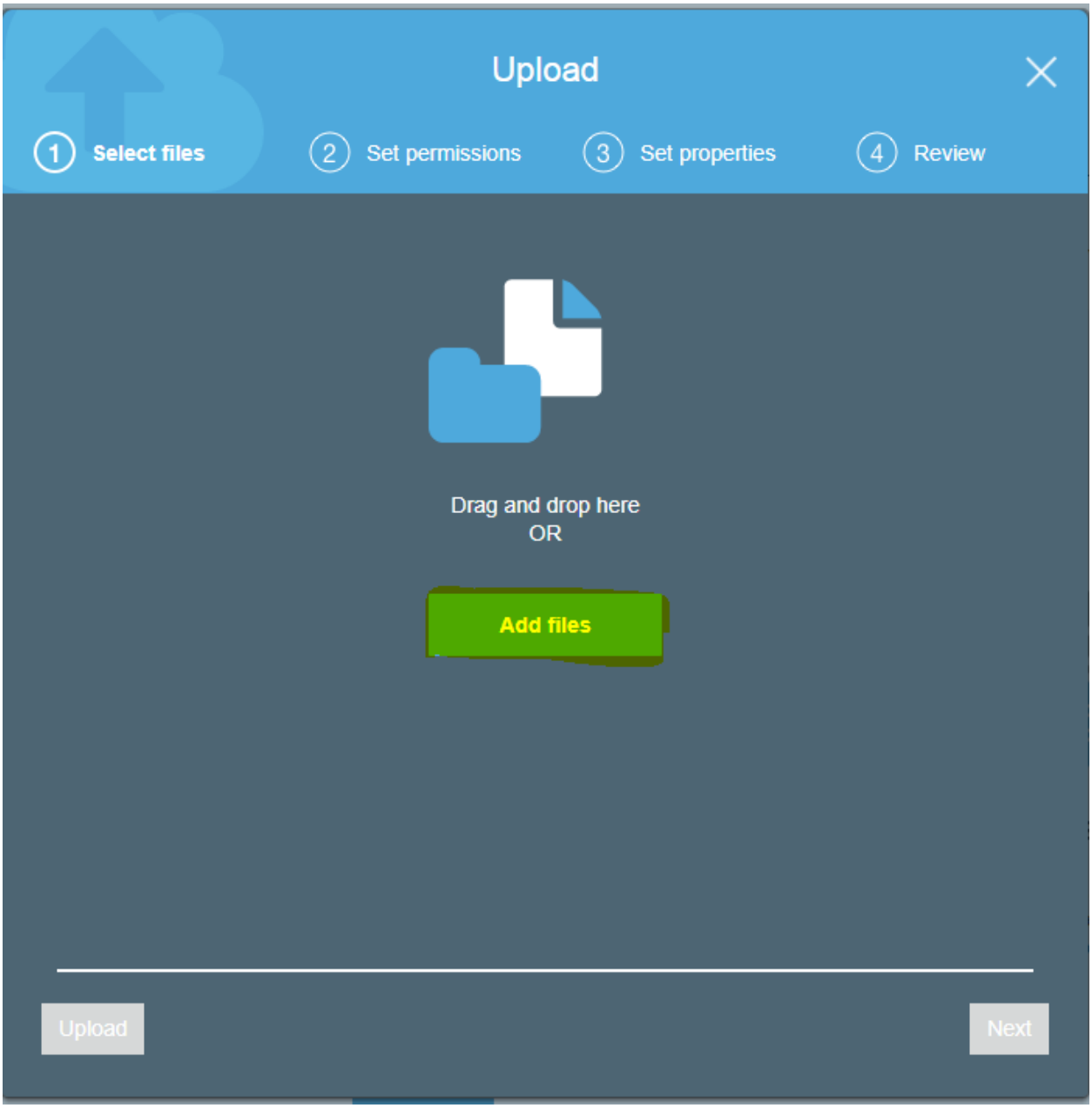
Type the bucketname (unique) and click “Create”.



Click “Upload”.

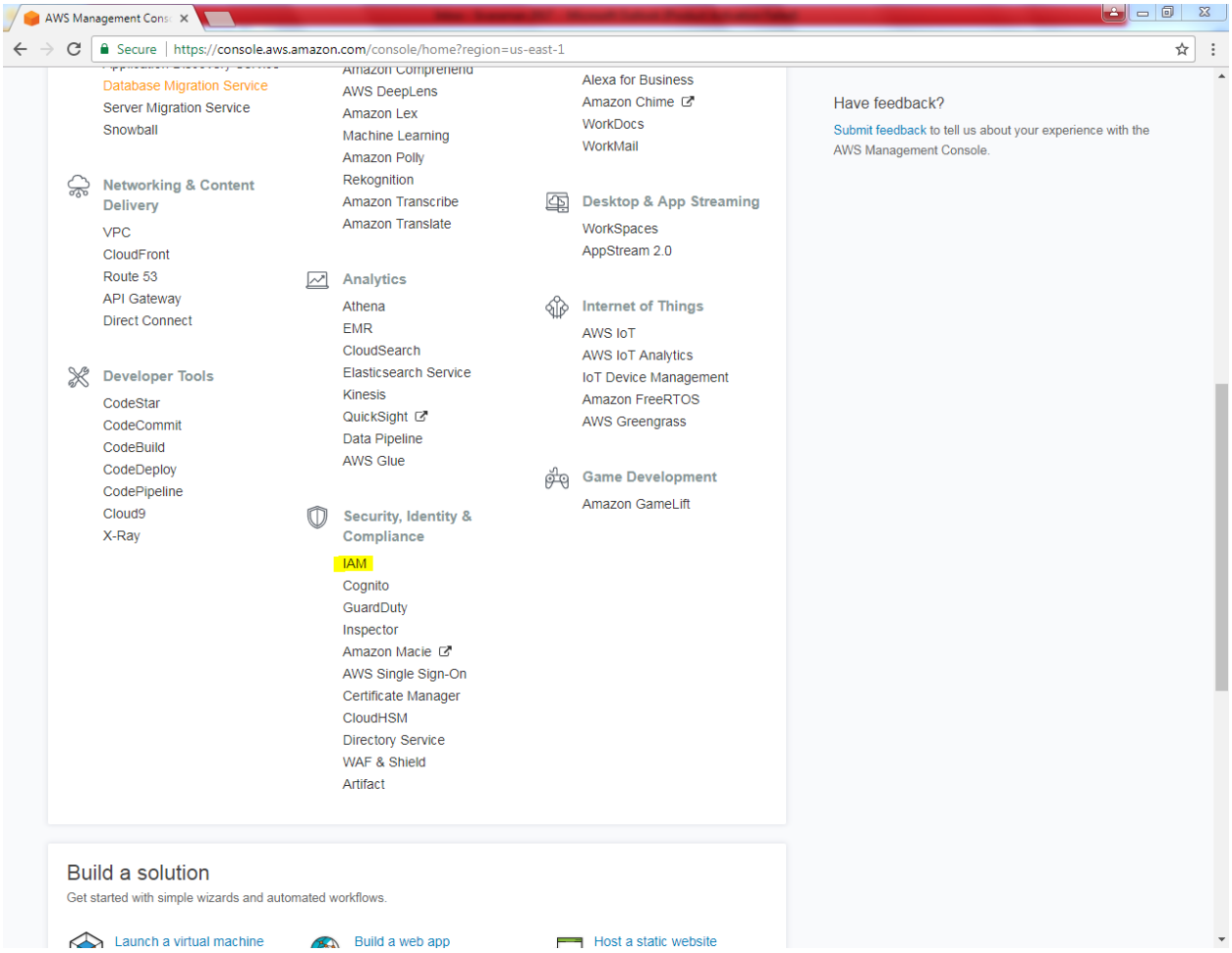


Click “Add files”

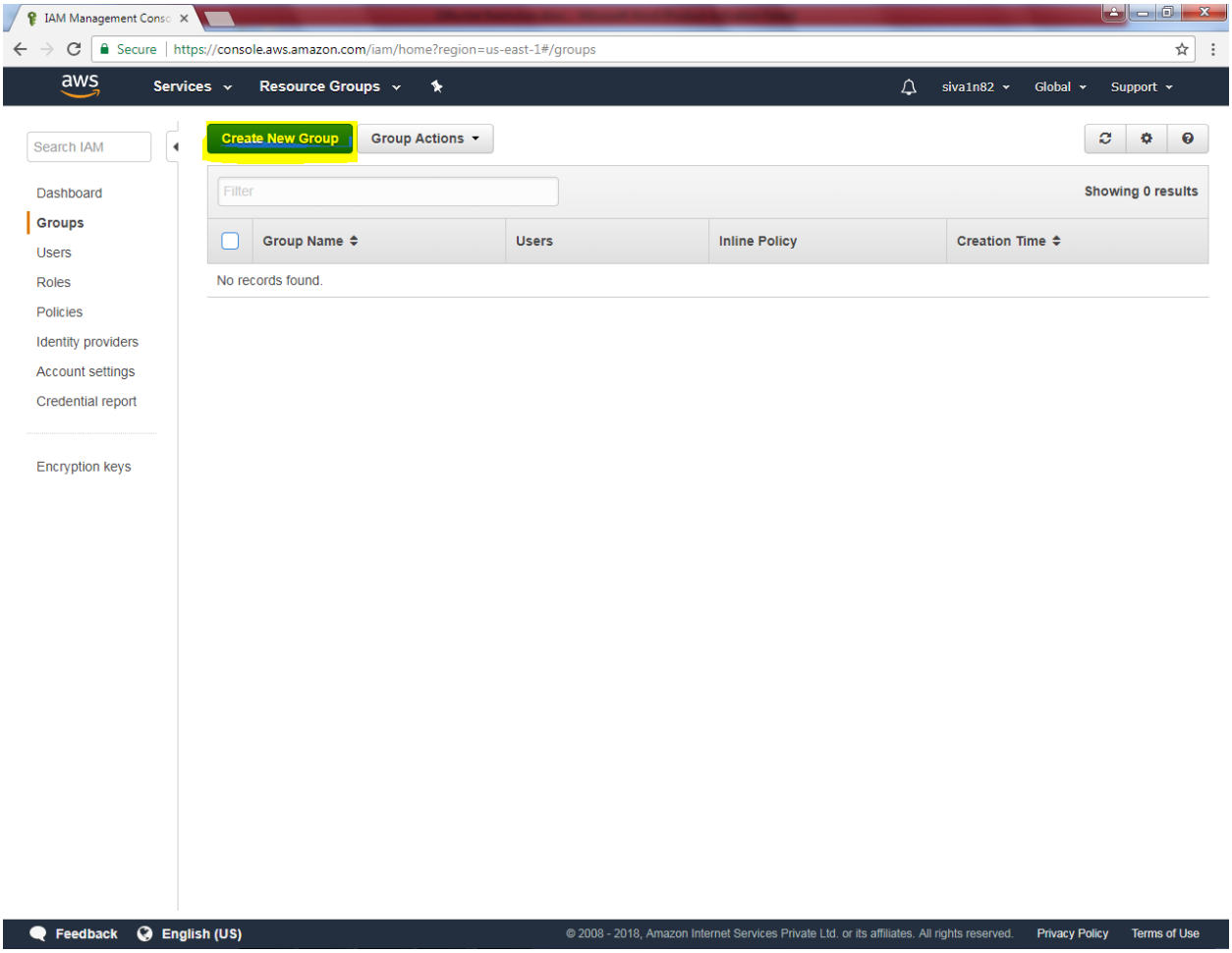


Then Click “Upload”.

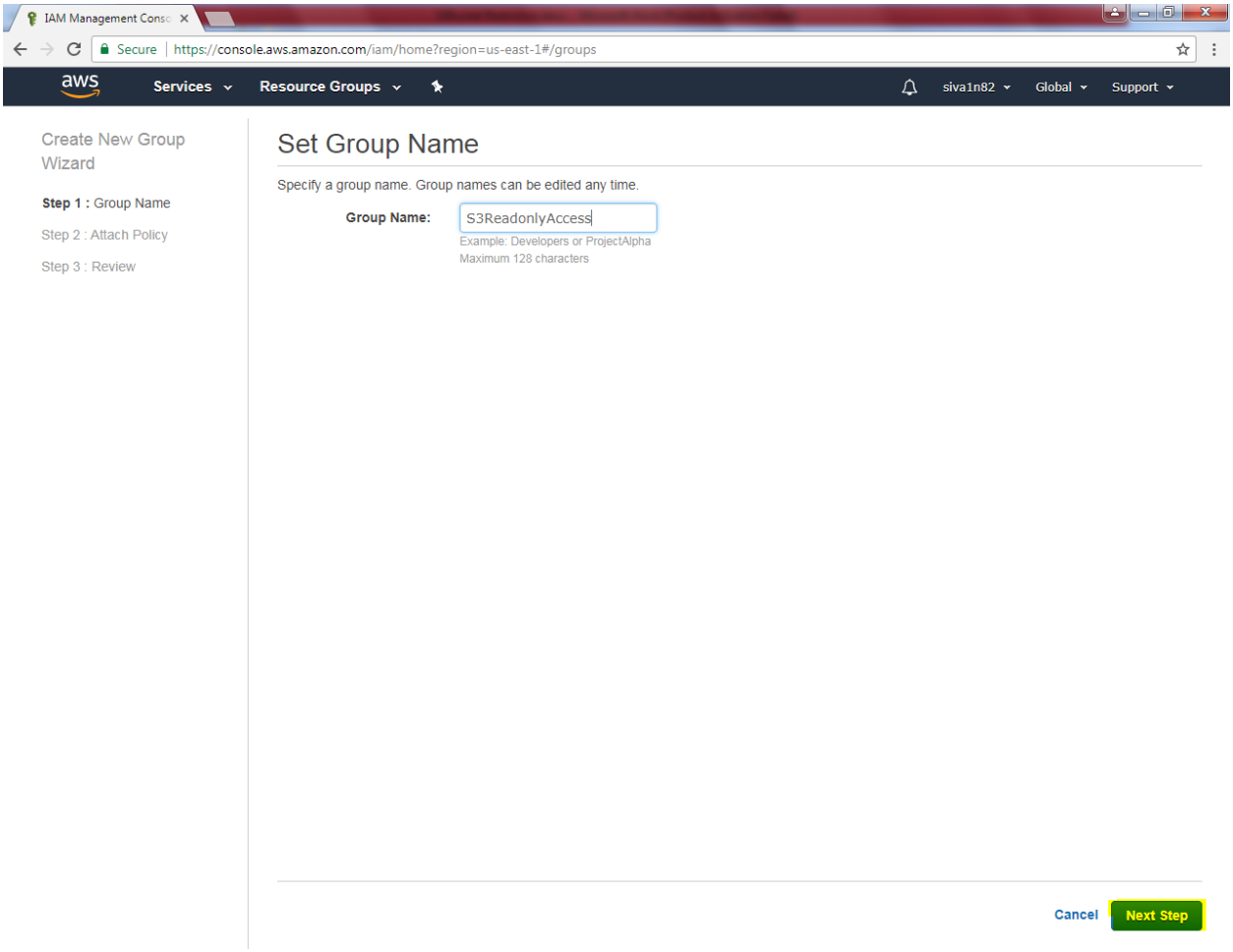
Click “IAM”


AWS Management Cons
Secure | https://console.aws.amazon.com/console/home?region=us-east-1
Database Migration Service
Server Migration Service
Snowball
Networking & Content Delivery
VPC
CloudFront
Route 53
API Gateway
Direct Connect
Developer Tools
CodeStar
CodeCommit
CodeBuild
CodeDeploy
CodePipeline
Cloud9
X-Ray
Amazon Comprehend
AWS DeepLens
Amazon Lex
Machine Learning
Amazon Polly
Rekognition
Amazon Transcribe
Amazon Translate
Analytics
Athena
EMR
CloudSearch
Elasticsearch Service
Kinesis
QuickSight
Data Pipeline
AWS Glue
Security, Identity & Compliance
IAM
Cognito
GuardDuty
Inspector
Amazon Macie
AWS Single Sign-On
Certificate Manager
CloudHSM
Directory Service
WAF & Shield
Artifact
Alexa for Business
Amazon Chime
WorkDocs
WorkMail
Desktop & App Streaming
WorkSpaces
AppStream 2.0
Internet of Things
AWS IoT
AWS IoT Analytics
IoT Device Management
Amazon FreeRTOS
AWS Greengrass
Game Development
Amazon GameLift
Have feedback?
Submit feedback to tell us about your experience with the AWS Management Console.
Build a solution
Get started with simple wizards and automated workflows.
Launch a virtual machine
Build a web app
Host a static website

Click “Create New Group”.

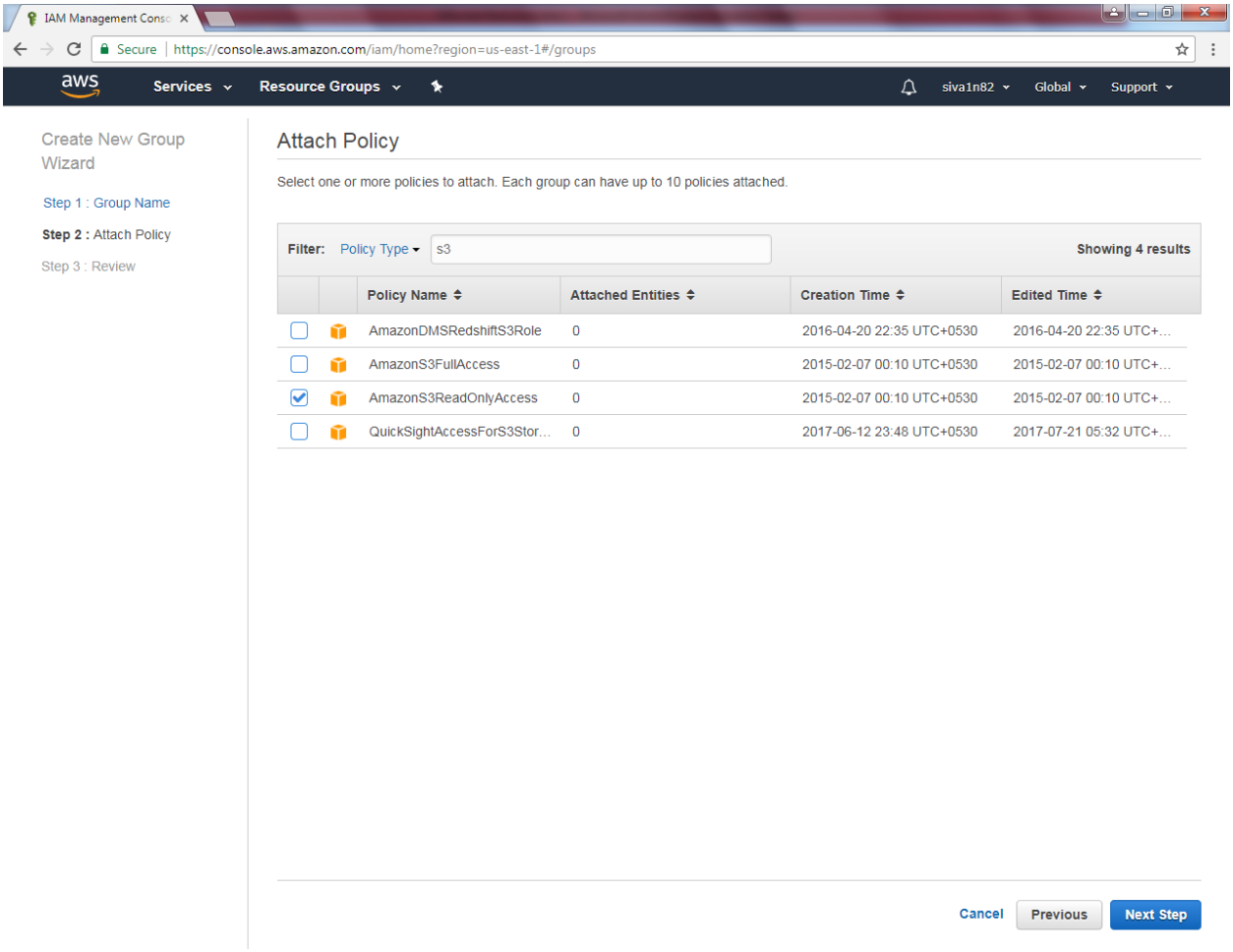


Create group as “S3ReadonlyAccess”.


IAM Management Conso
Secure | https://console.aws.amazon.com/iam/home?region=us-east-1#/groups
aws
Services
Resource Groups
siva1n82
Global
Support
Create New Group Wizard
Step 1 : Group Name
Step 2 : Attach Policy
Step 3 : Review
Set Group Name
Specify a group name. Group names can be edited any time.
Group Name:
S3ReadonlyAccess
Example: Developers or ProjectAlpha
Maximum 128 characters
Cancel
Next Step

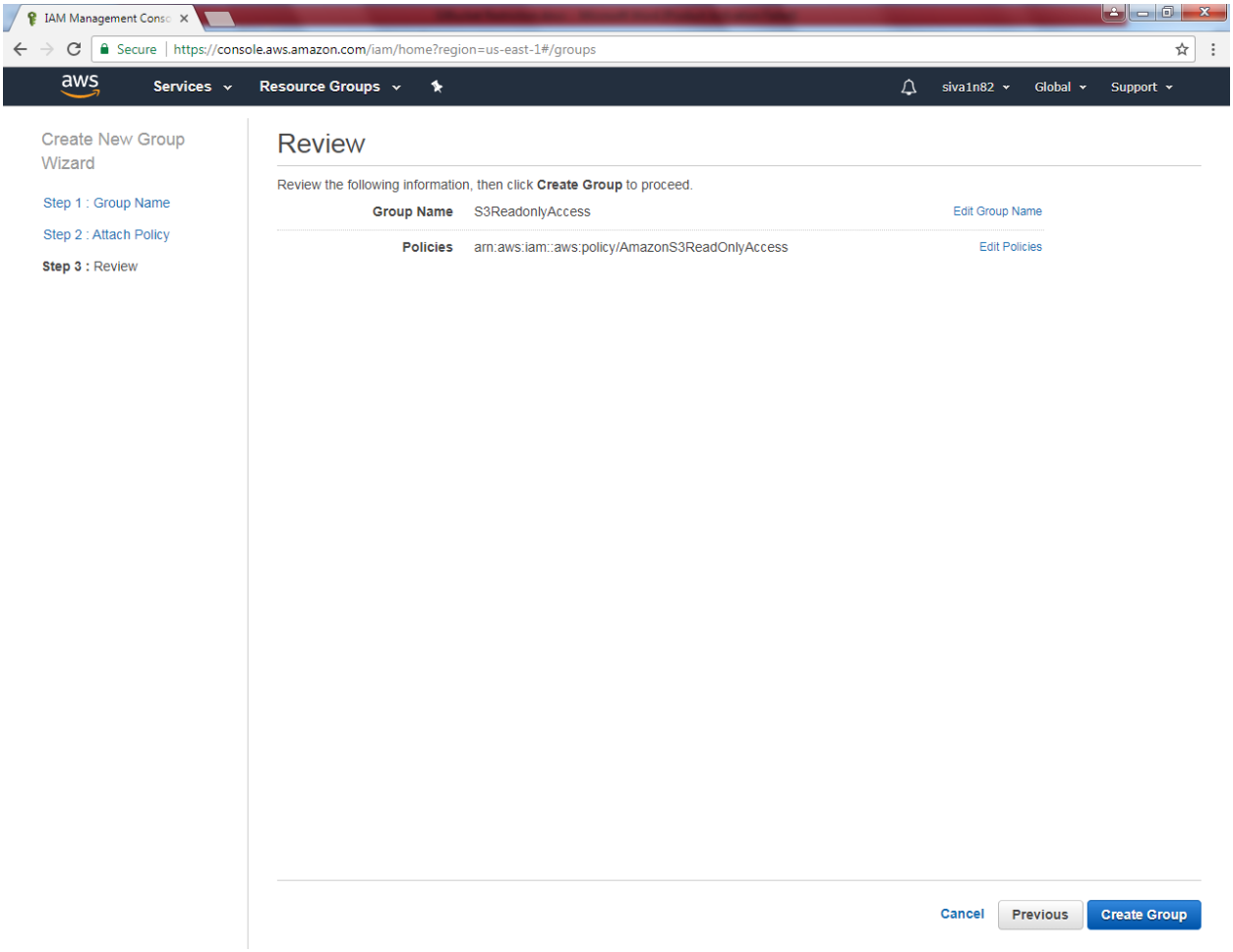
Click “Next”.

Click “AmazonS3Readonly Access”.

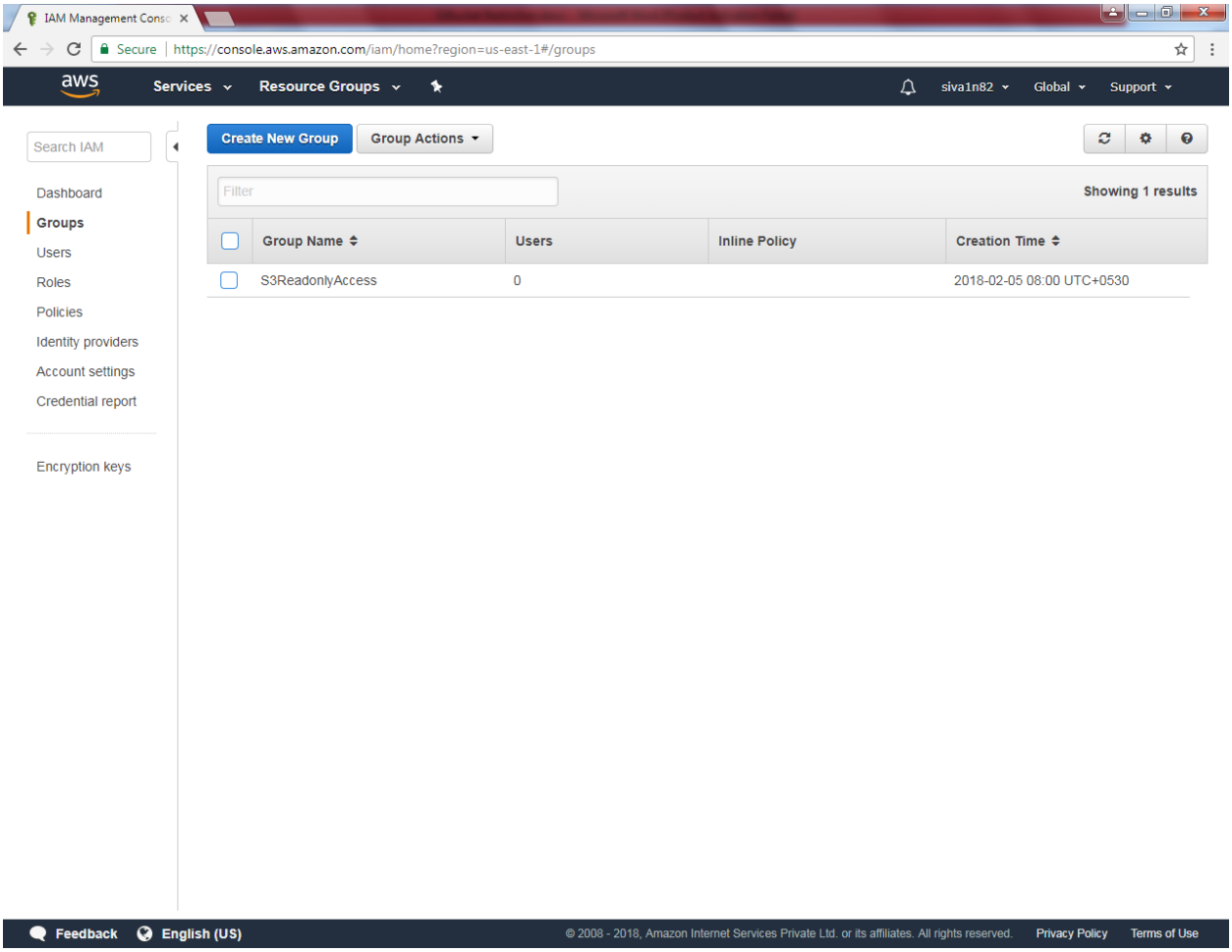


Click “Next”.

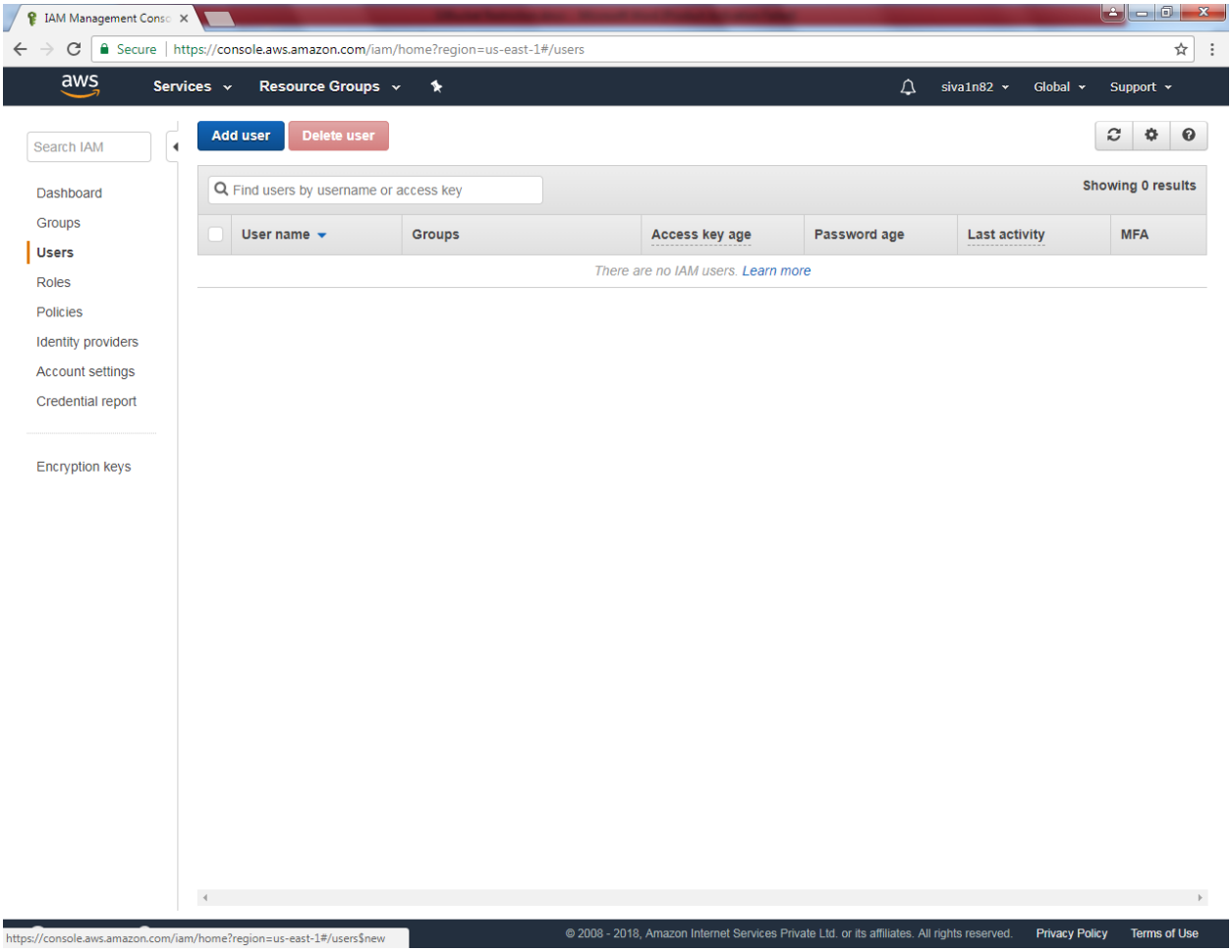
Click “Create Group”.



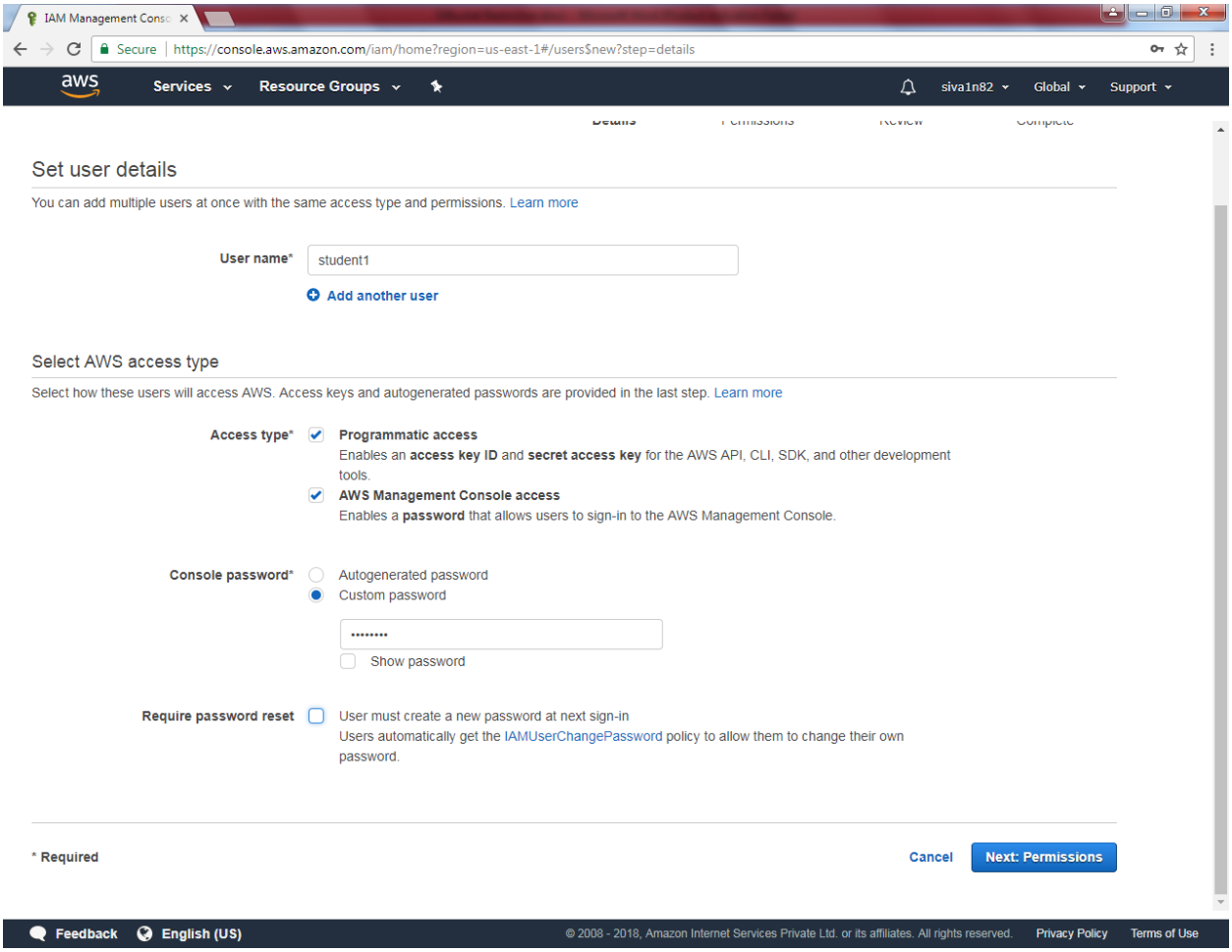
Group has been created successfully.



Click “Add user”.

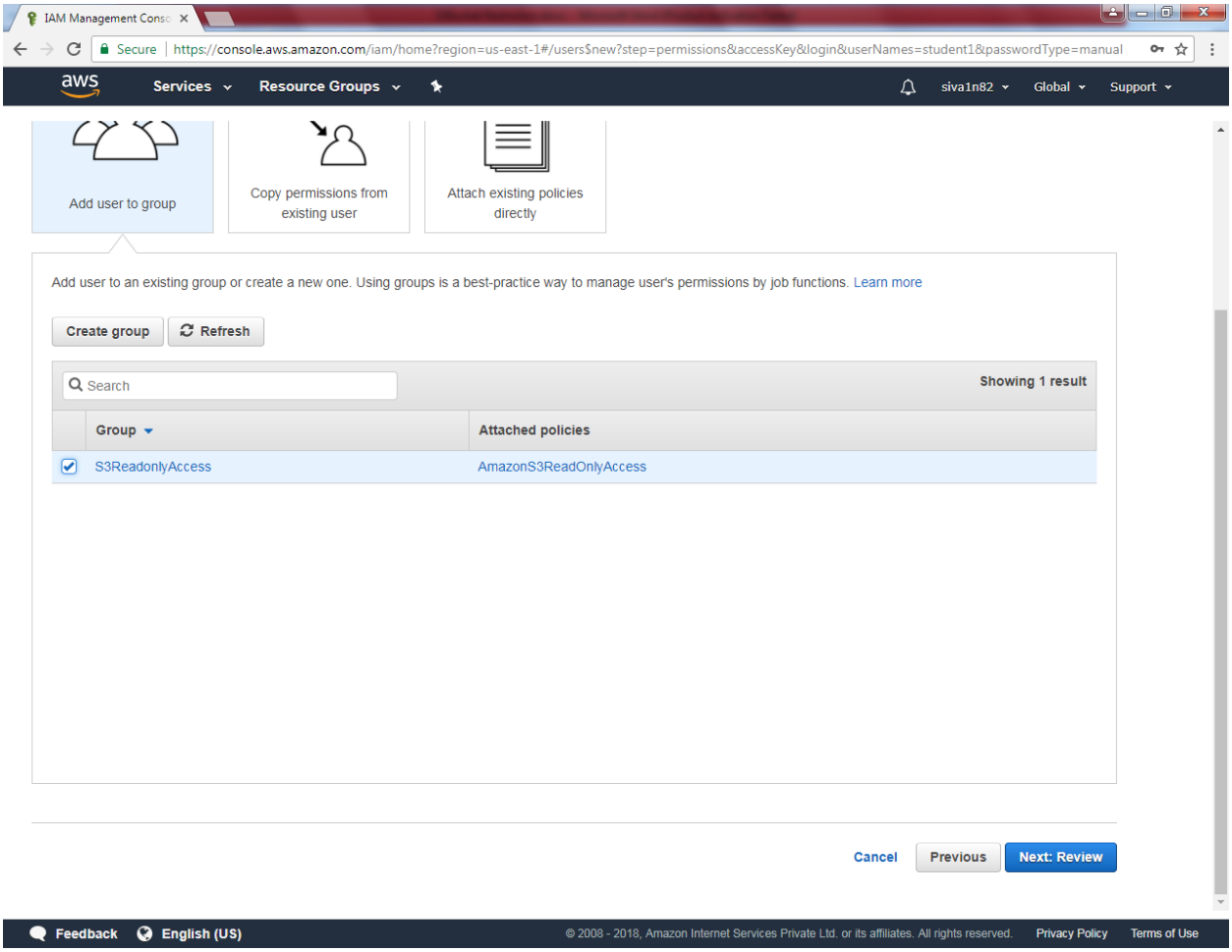


Type the username & password for access IAM console.



Click “Next”.

Select “S3ReadonlyAccess”group


IAM Management Conso
Secure | https://console.aws.amazon.com/iam/home?region=us-east-1#/users$new?step=permissions&accessKey&login&userNames=student1&passwordType=manual
aws
Services
Resource Groups
siva1n82
Global
Support
Add user to group
Copy permissions from existing user
Attach existing policies directly
Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. Learn more
Create group
Refresh
Search
Showing 1 result
Group
Attached policies
S3ReadonlyAccess
AmazonS3ReadOnlyAccess
Cancel
Previous
Next: Review
Feedback
English (US)
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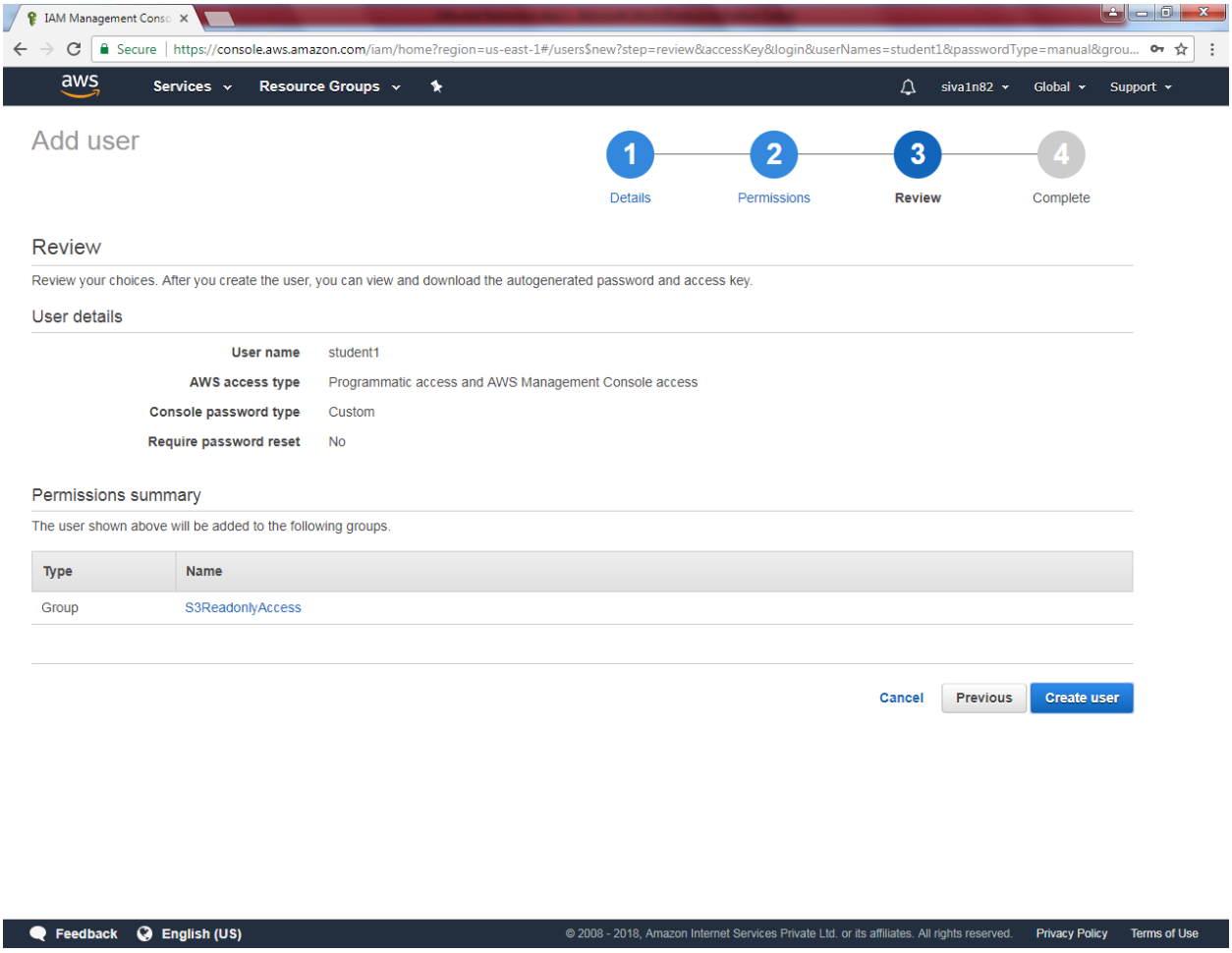
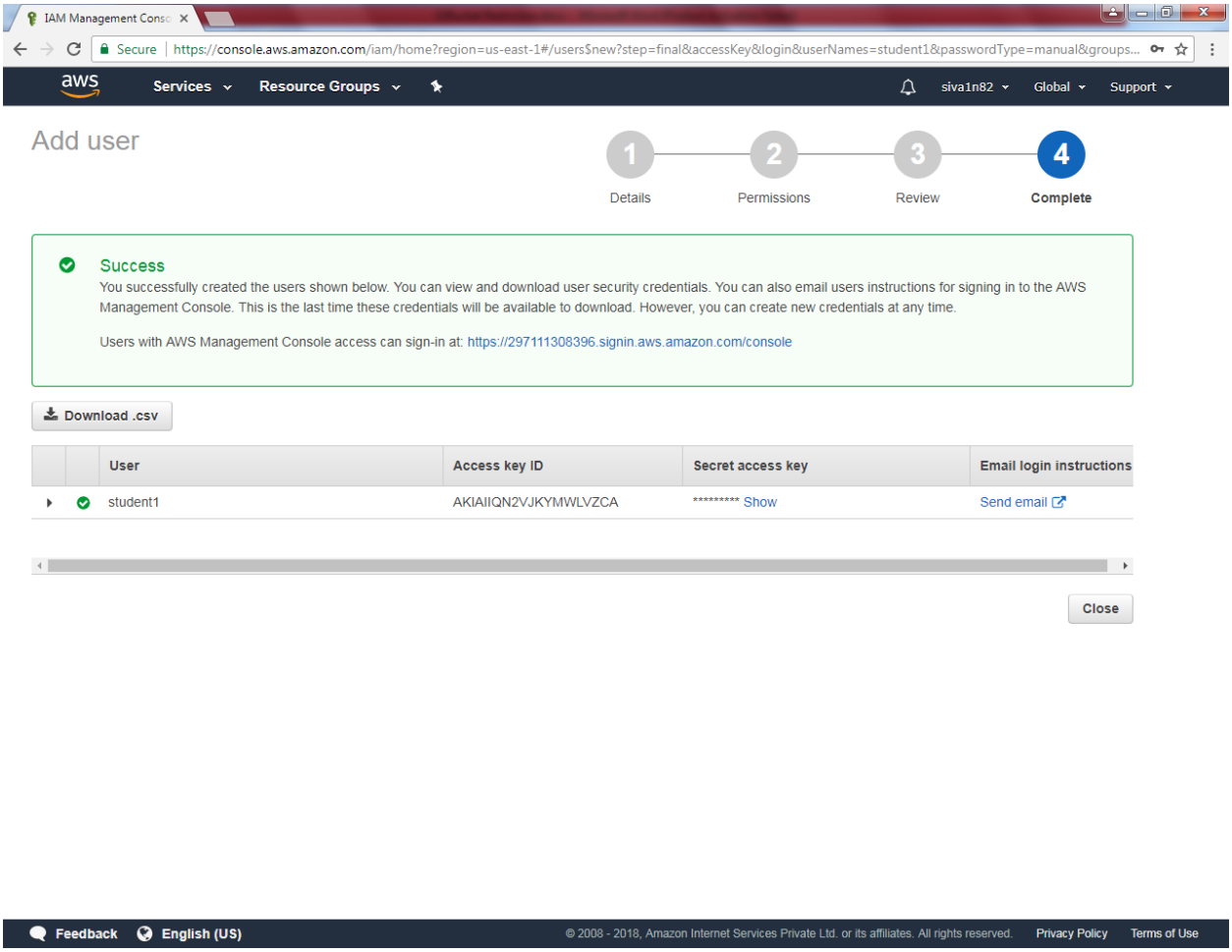
Privacy Policy
Terms of Use

Click “Next”.

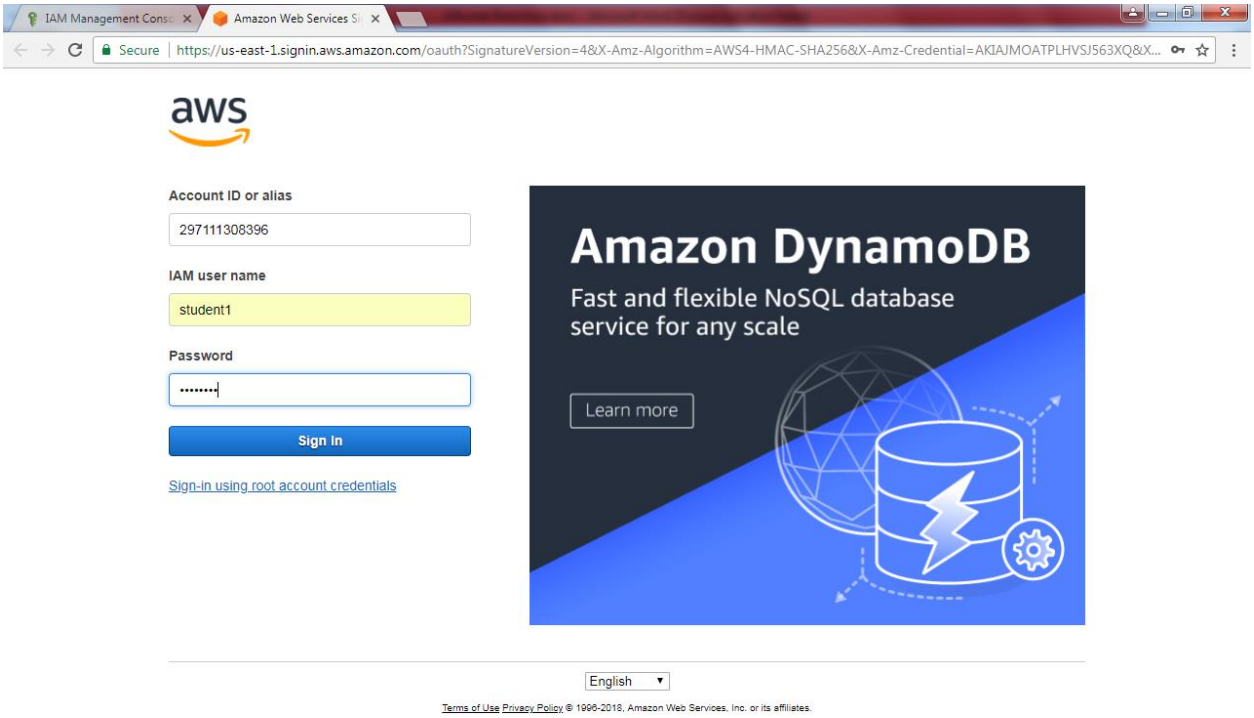
Click “Create user”.



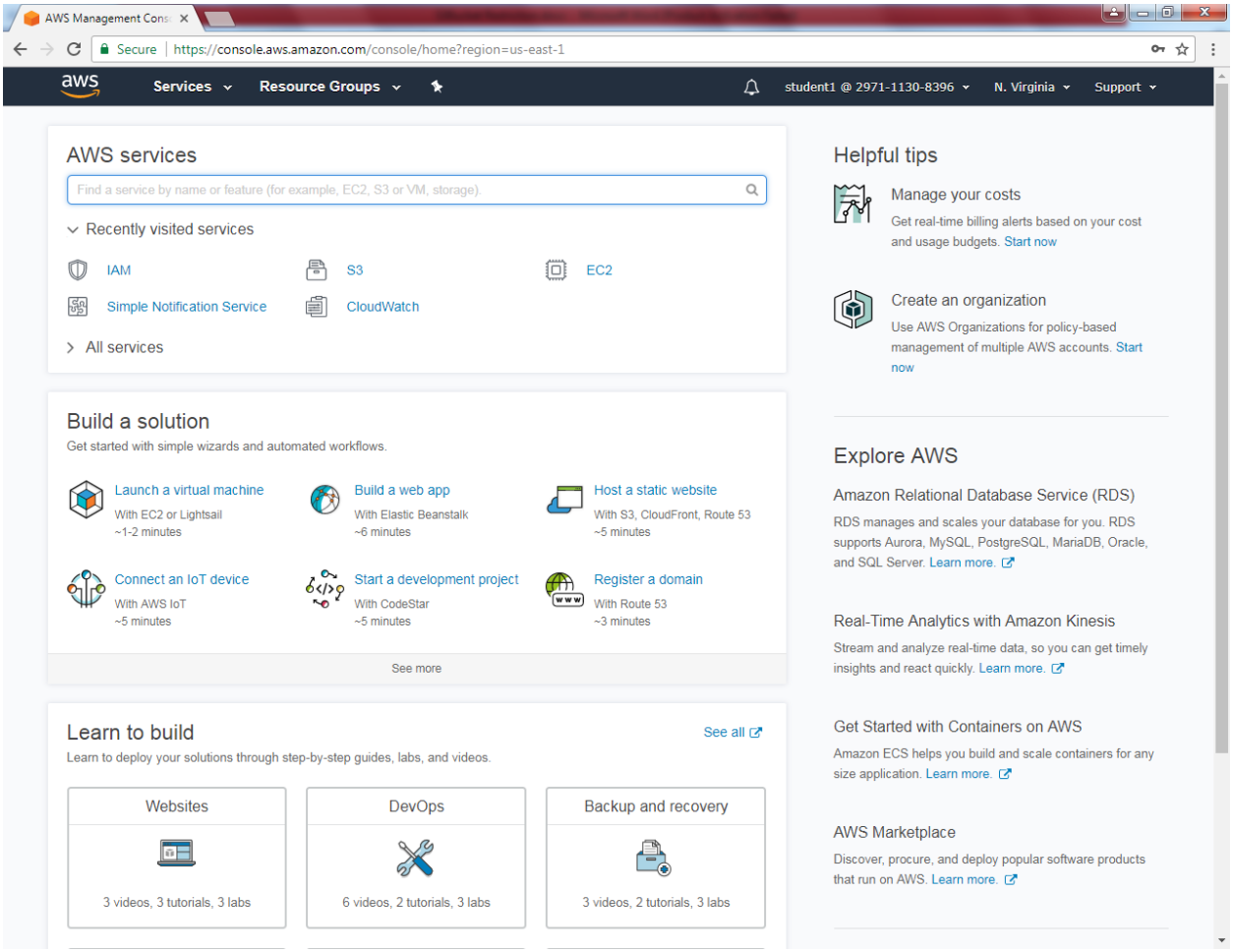
User created successfully.



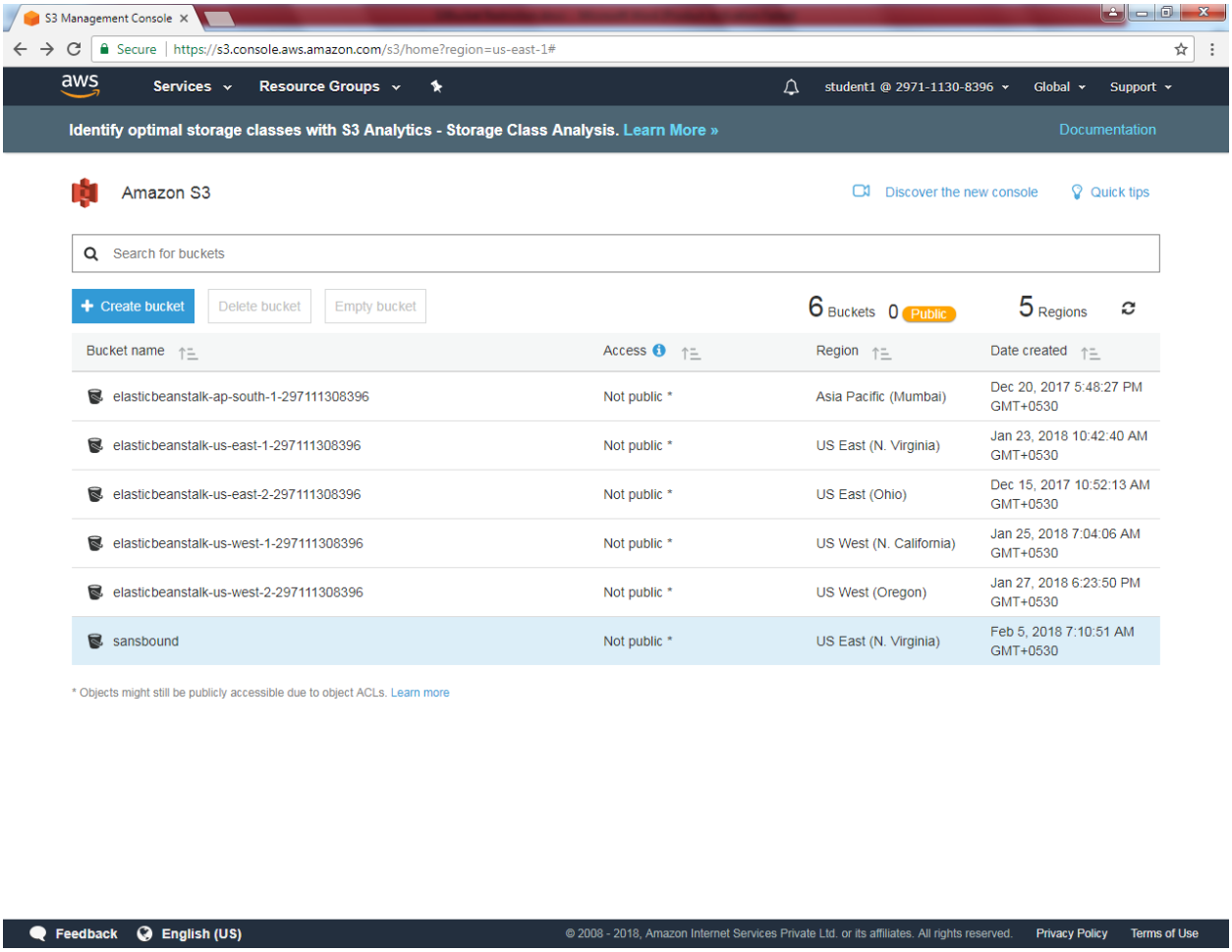
Type the URL provided by amazon.



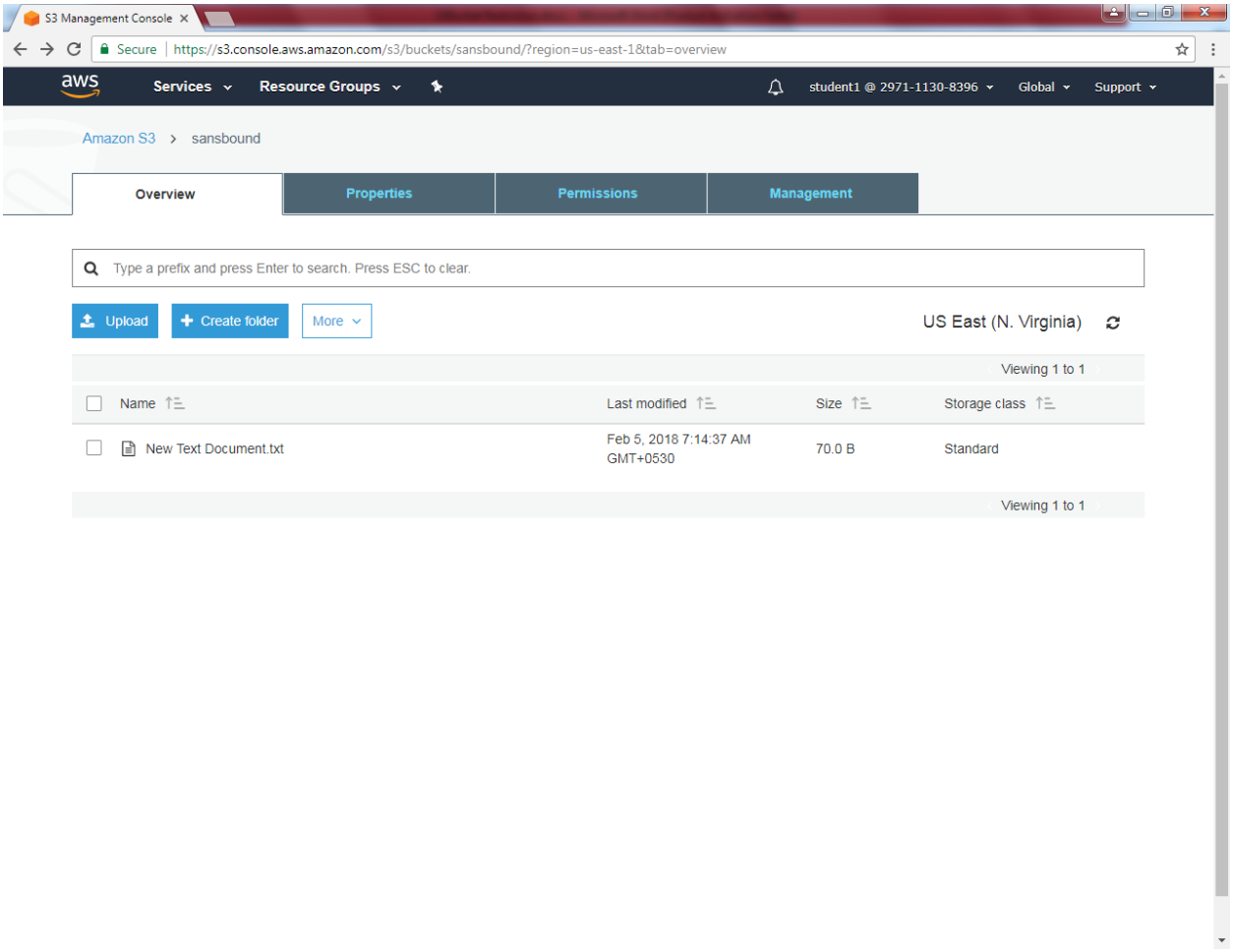
Logged into console.


AWS Management Cons
Secure | https://console.aws.amazon.com/console/home?region=us-east-1
aws
Services
Resource Groups
student1 @ 2971-1130-8396
N. Virginia
Support
AWS services
Find a service by name or feature (for example, EC2, S3 or VM, storage).
Recently visited services
IAM
S3
EC2
Simple Notification Service
CloudWatch
All services
Build a solution
Get started with simple wizards and automated workflows.
Launch a virtual machine
With EC2 or Lightsail
~1-2 minutes
Build a web app
With Elastic Beanstalk
~6 minutes
Host a static website
With S3, CloudFront, Route 53
~5 minutes
Connect an IoT device
With AWS IoT
~5 minutes
Start a development project
With CodeStar
~5 minutes
Register a domain
With Route 53
~3 minutes
See more
Learn to build
See all
Learn to deploy your solutions through step-by-step guides, labs, and videos.
Websites
3 videos, 3 tutorials, 3 labs
DevOps
6 videos, 2 tutorials, 3 labs
Backup and recovery
3 videos, 2 tutorials, 3 labs
Helpful tips
Manage your costs
Get real-time billing alerts based on your cost and usage budgets. Start now
Create an organization
Use AWS Organizations for policy-based management of multiple AWS accounts. Start now
Explore AWS
Amazon Relational Database Service (RDS)
RDS manages and scales your database for you. RDS supports Aurora, MySQL, PostgreSQL, MariaDB, Oracle, and SQL Server. Learn more.
Real-Time Analytics with Amazon Kinesis
Stream and analyze real-time data, so you can get timely insights and react quickly. Learn more.
Get Started with Containers on AWS
Amazon ECS helps you build and scale containers for any size application. Learn more.
AWS Marketplace
Discover, procure, and deploy popular software products that run on AWS. Learn more.

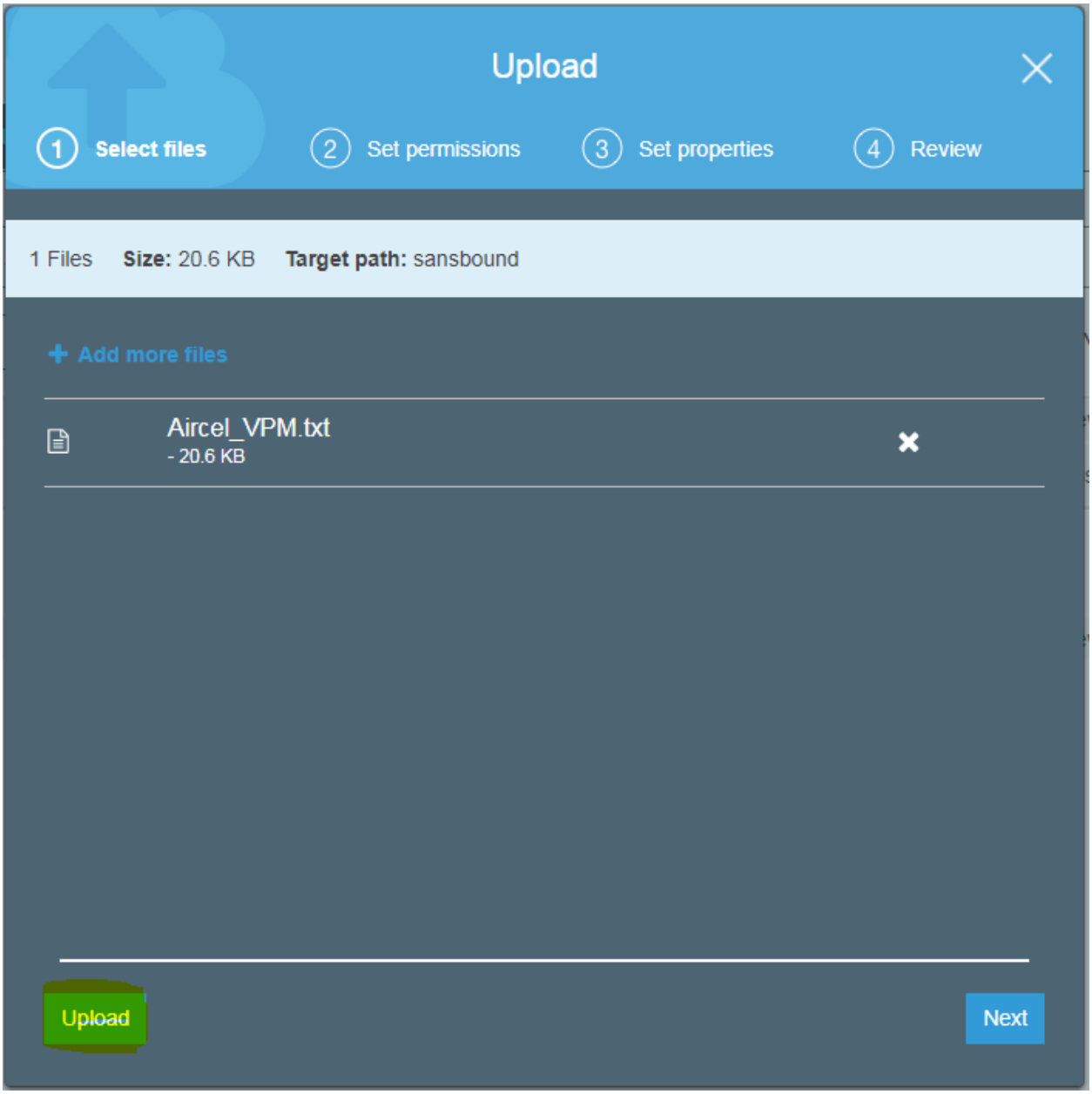
Click “Sansbound” bucket.



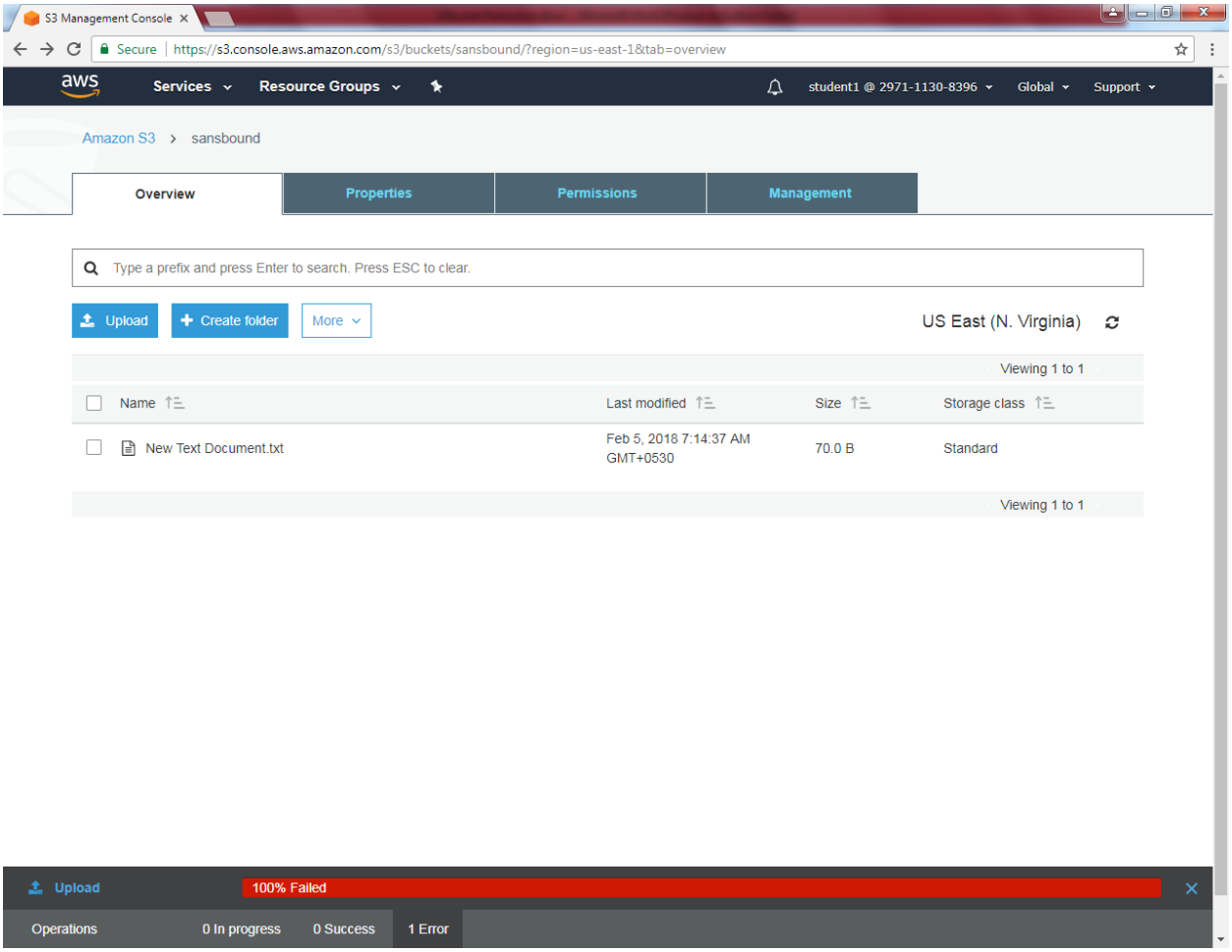
Click “Upload”.



Click “Upload”.



Unable to upload because its read only access.


S3 Management Console
Secure | https://s3.console.aws.amazon.com/s3/buckets/sansbound/?region=us-east-1&tab=overview
aws
Services
Resource Groups
student1 @ 2971-1130-8396
Global
Support
Amazon S3 > sansbound
Overview
Properties
Permissions
Management
Type a prefix and press Enter to search. Press ESC to clear.
Upload
Create folder
More
US East (N. Virginia)
Viewing 1 to 1
Name
Last modified
Size
Storage class
New Text Document.txt
Feb 5, 2018 7:14:37 AM GMT+0530
70.0 B
Standard
Viewing 1 to 1
Upload
100% Failed
Operations
0 In progress
0 Success
1 Error