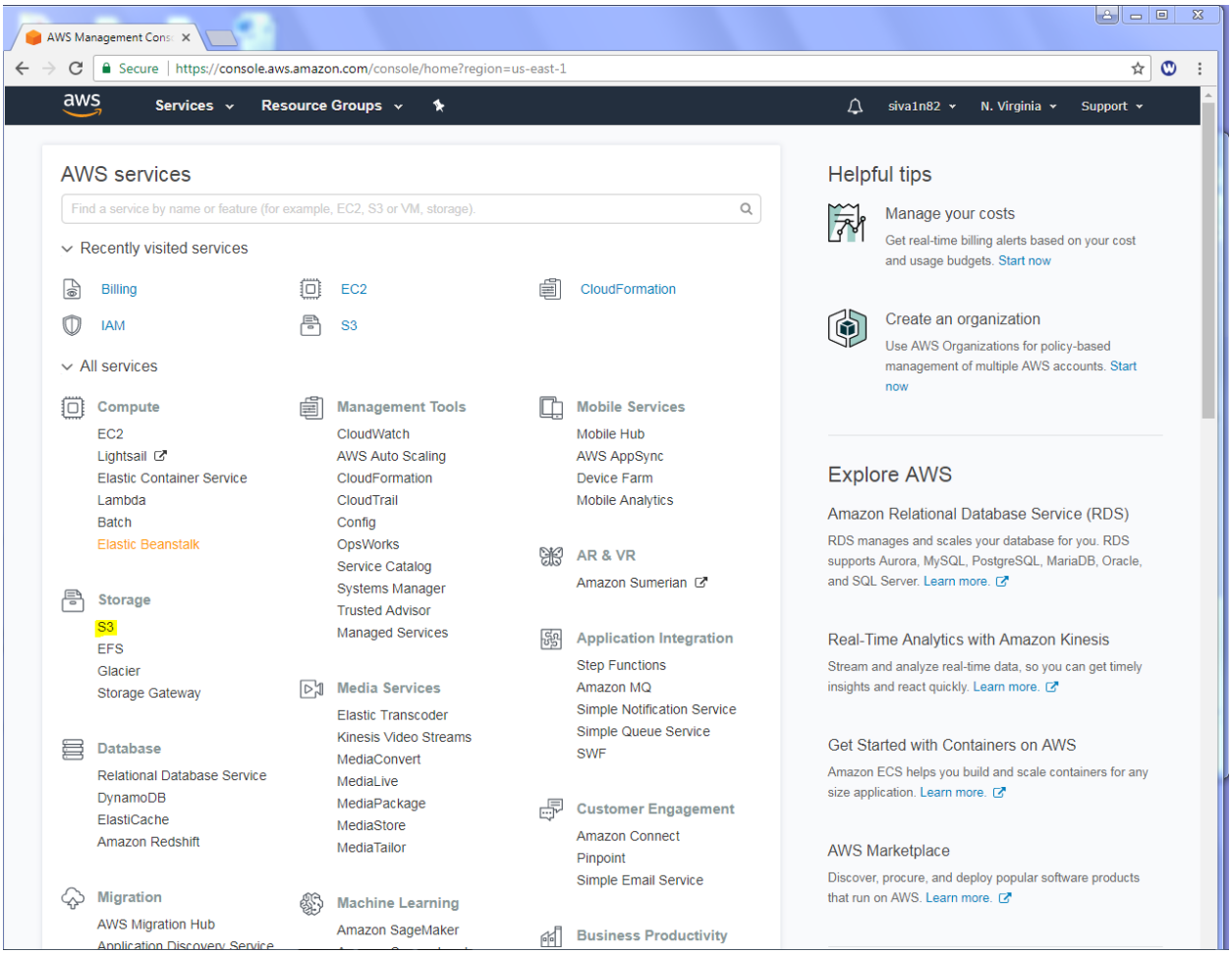
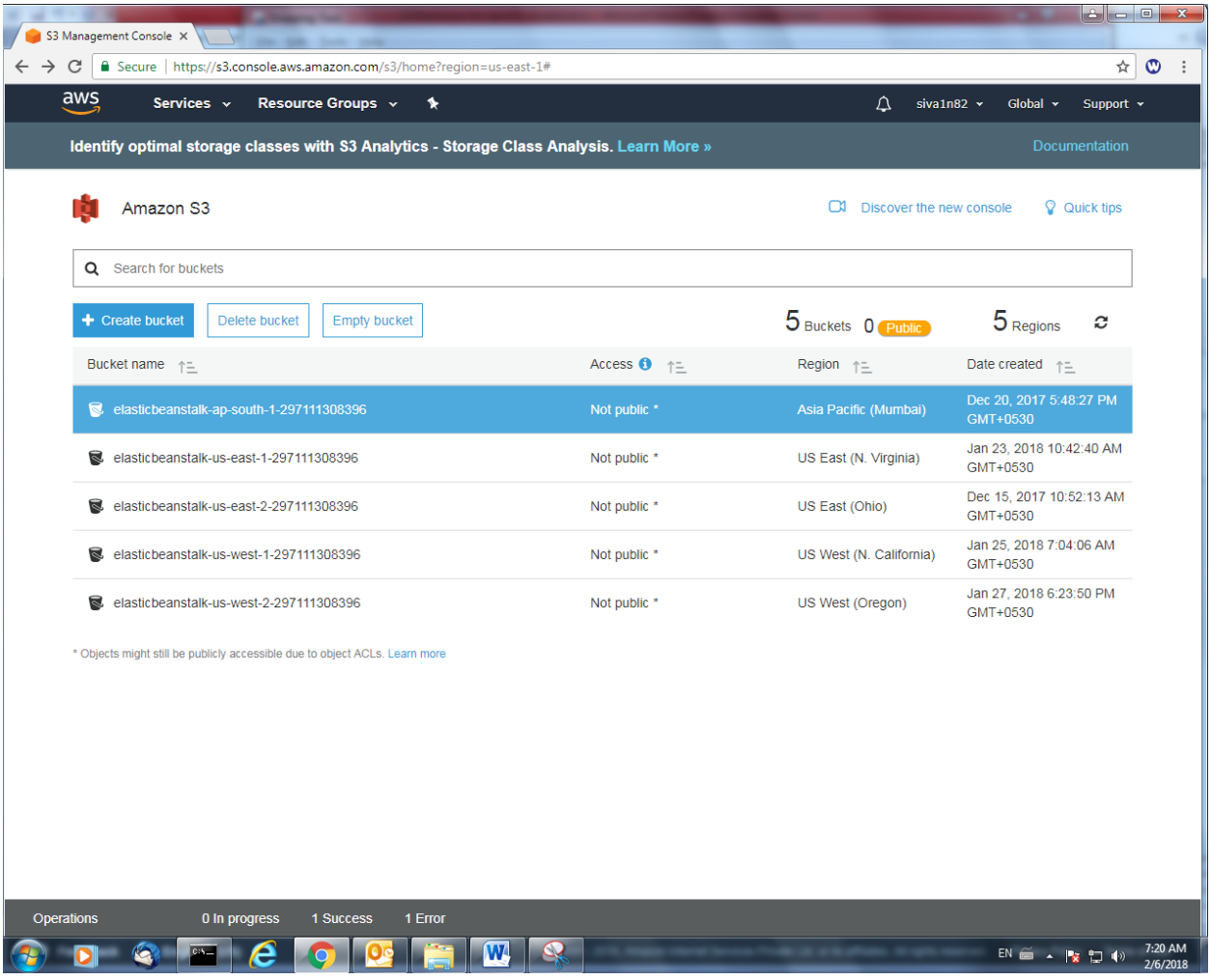
Lab24

S3 Restriction for Specific Bucket

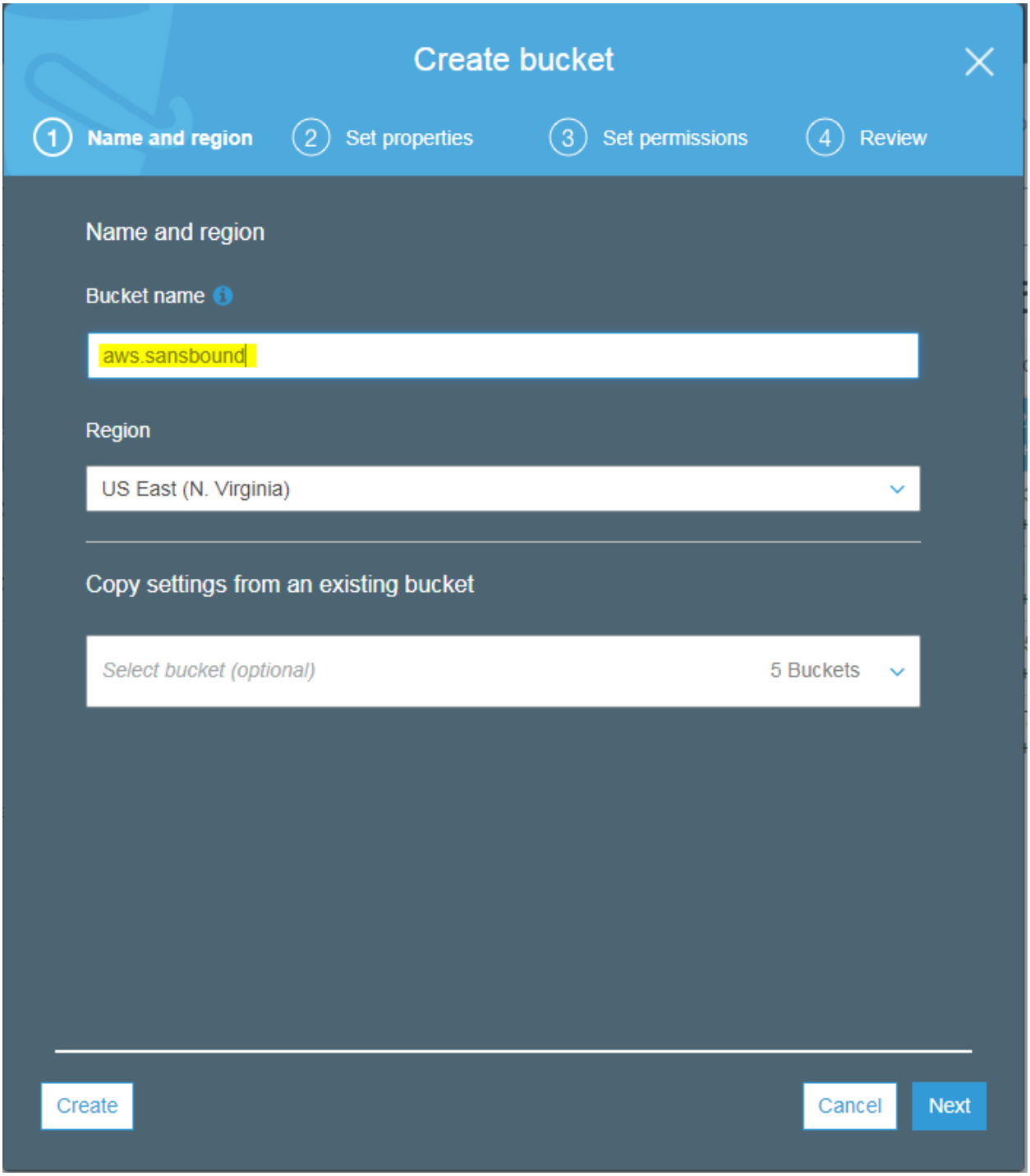
Click “S3”service



Click “Create bucket” with unique name.

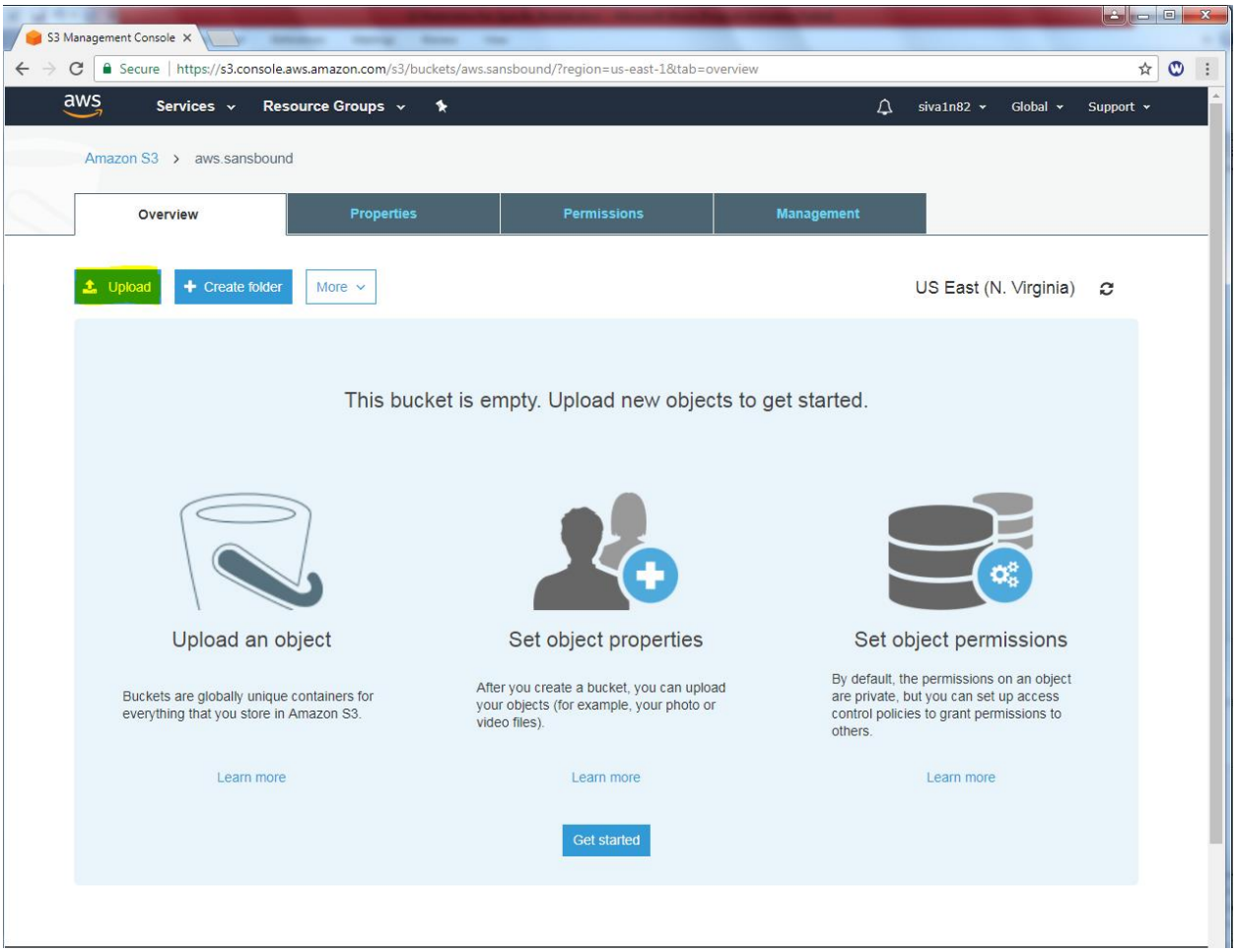


Type aws.sansbound.com

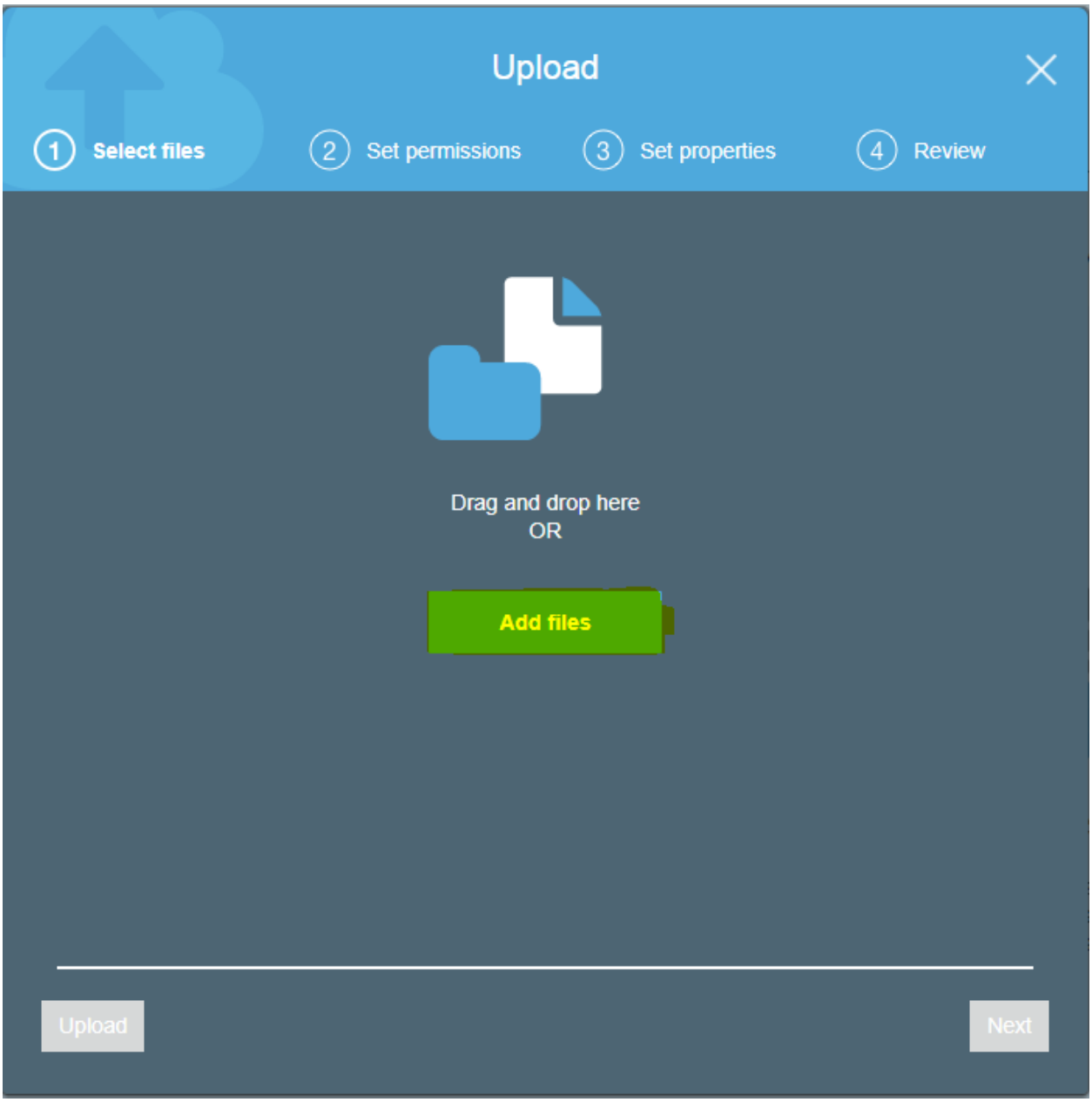


Click “Create”.

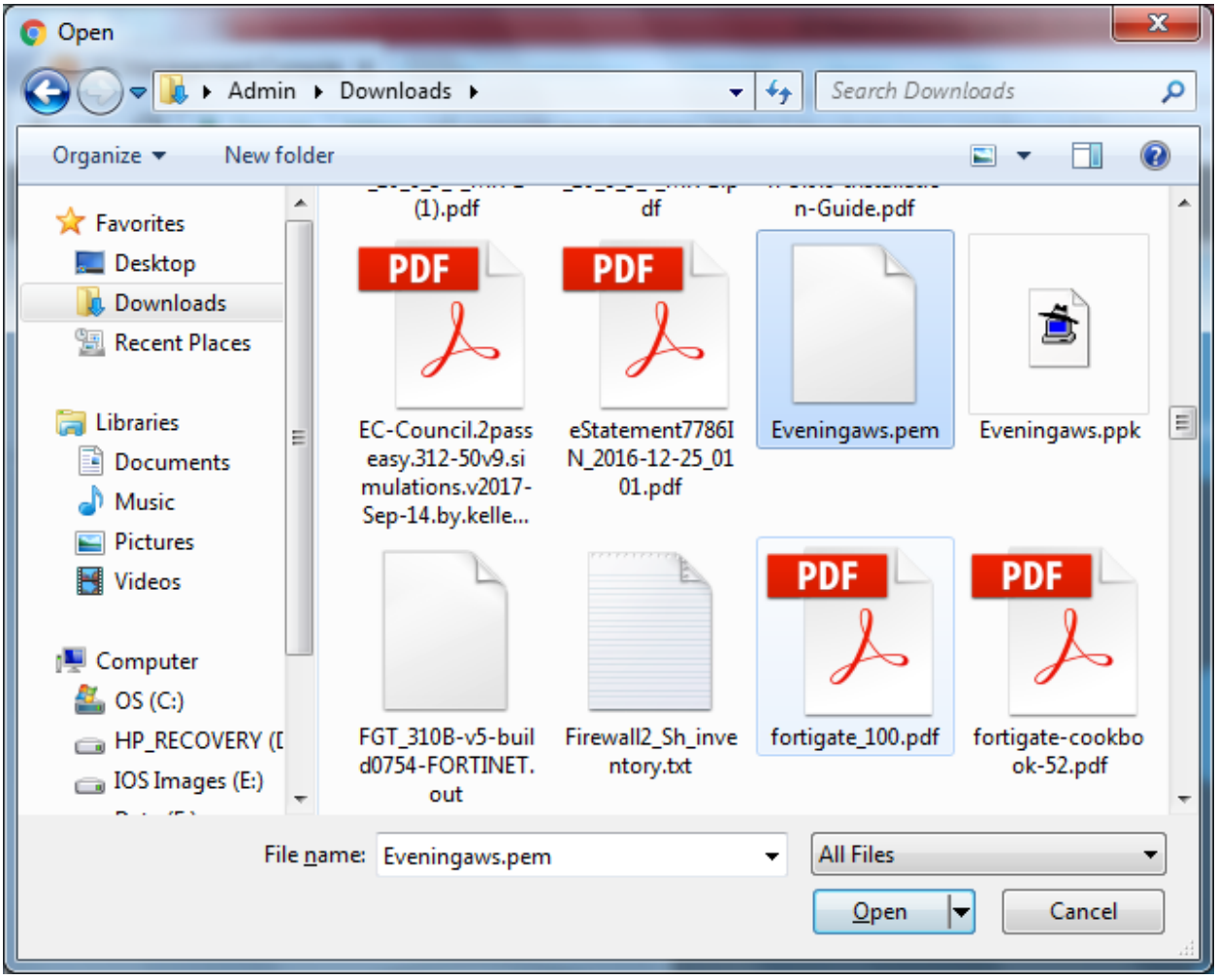
Click “Upload”.



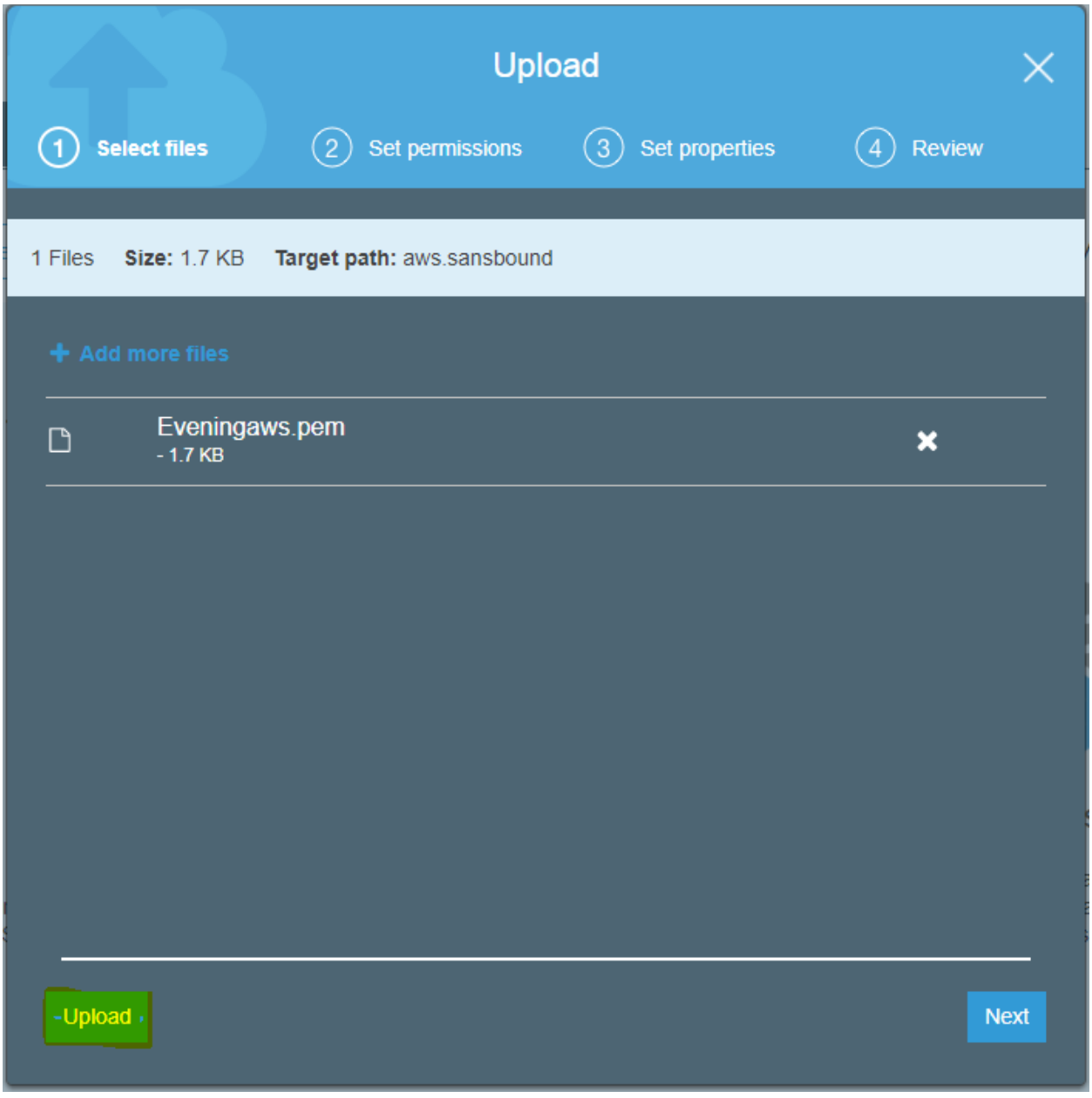
Click “Add files”.



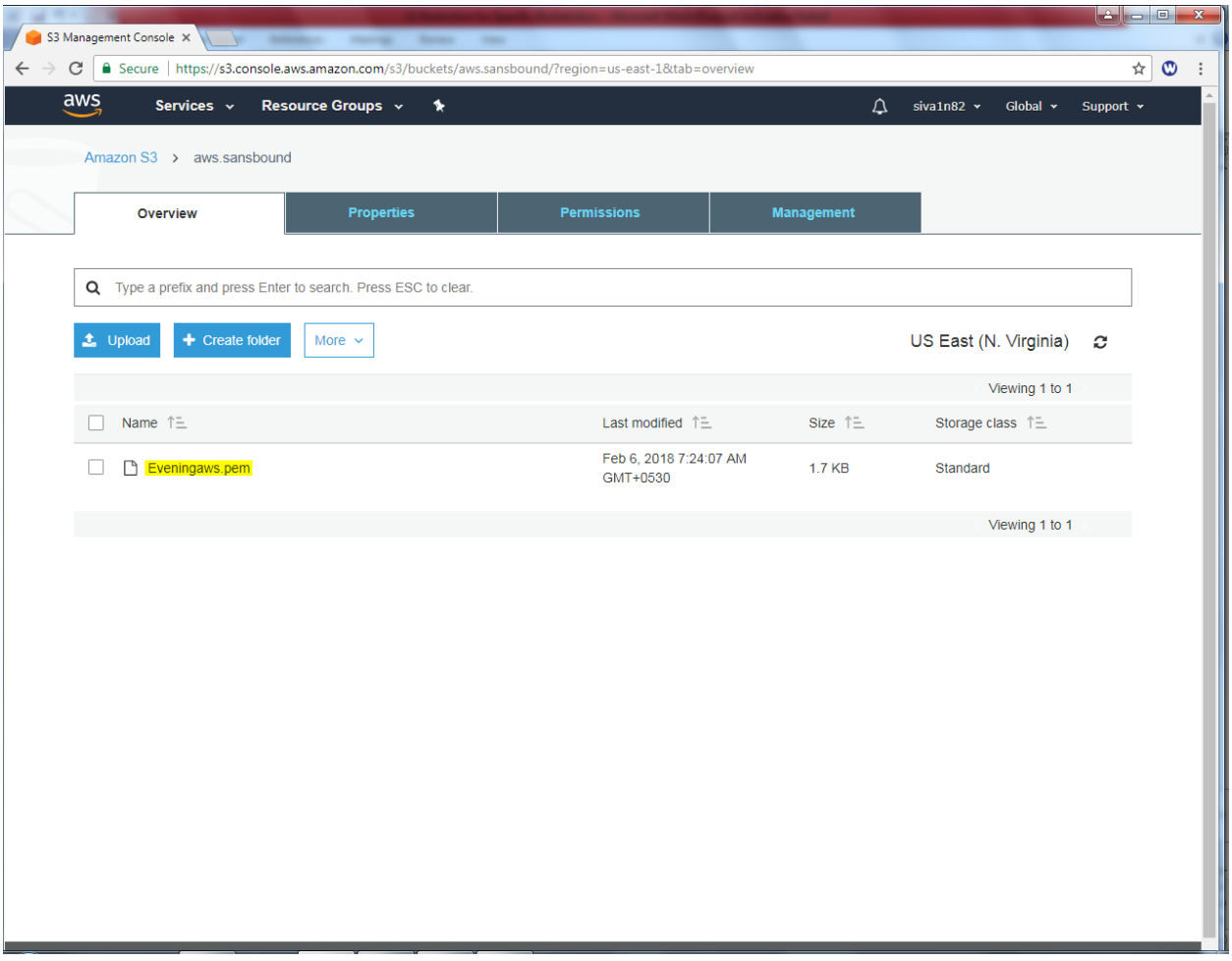
Locate the file and click open.



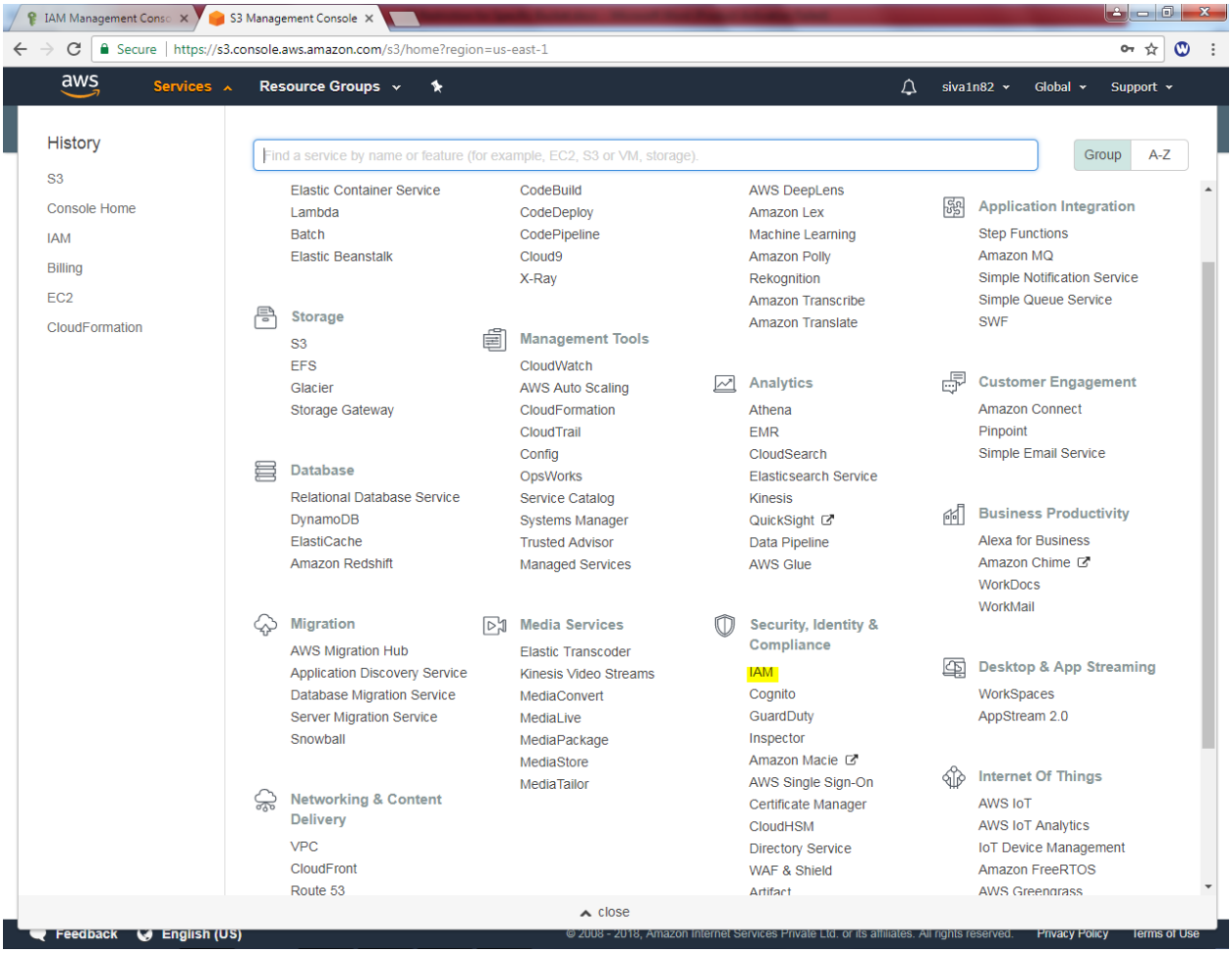
Click “Upload” to upload the file.



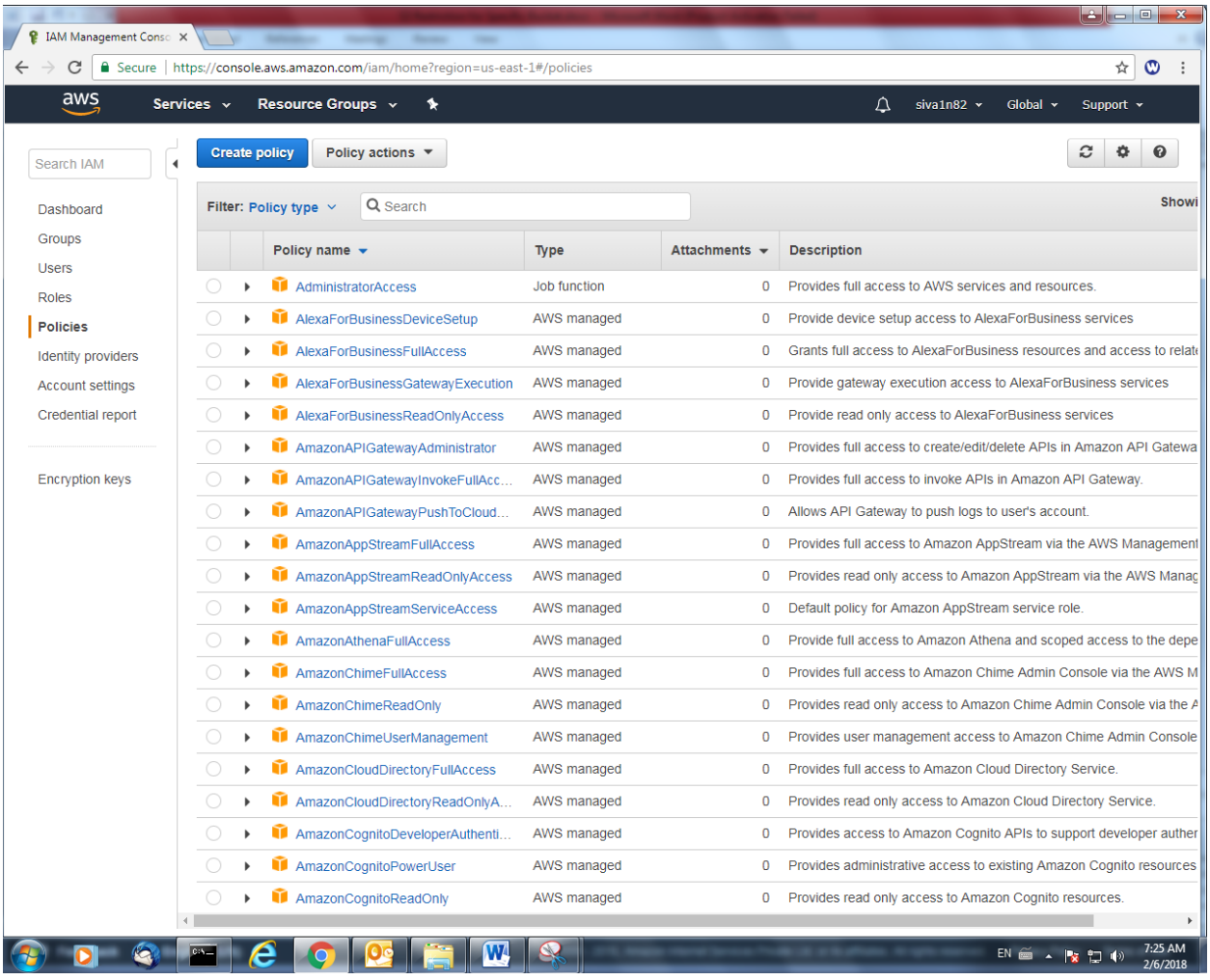
We can able view the file.



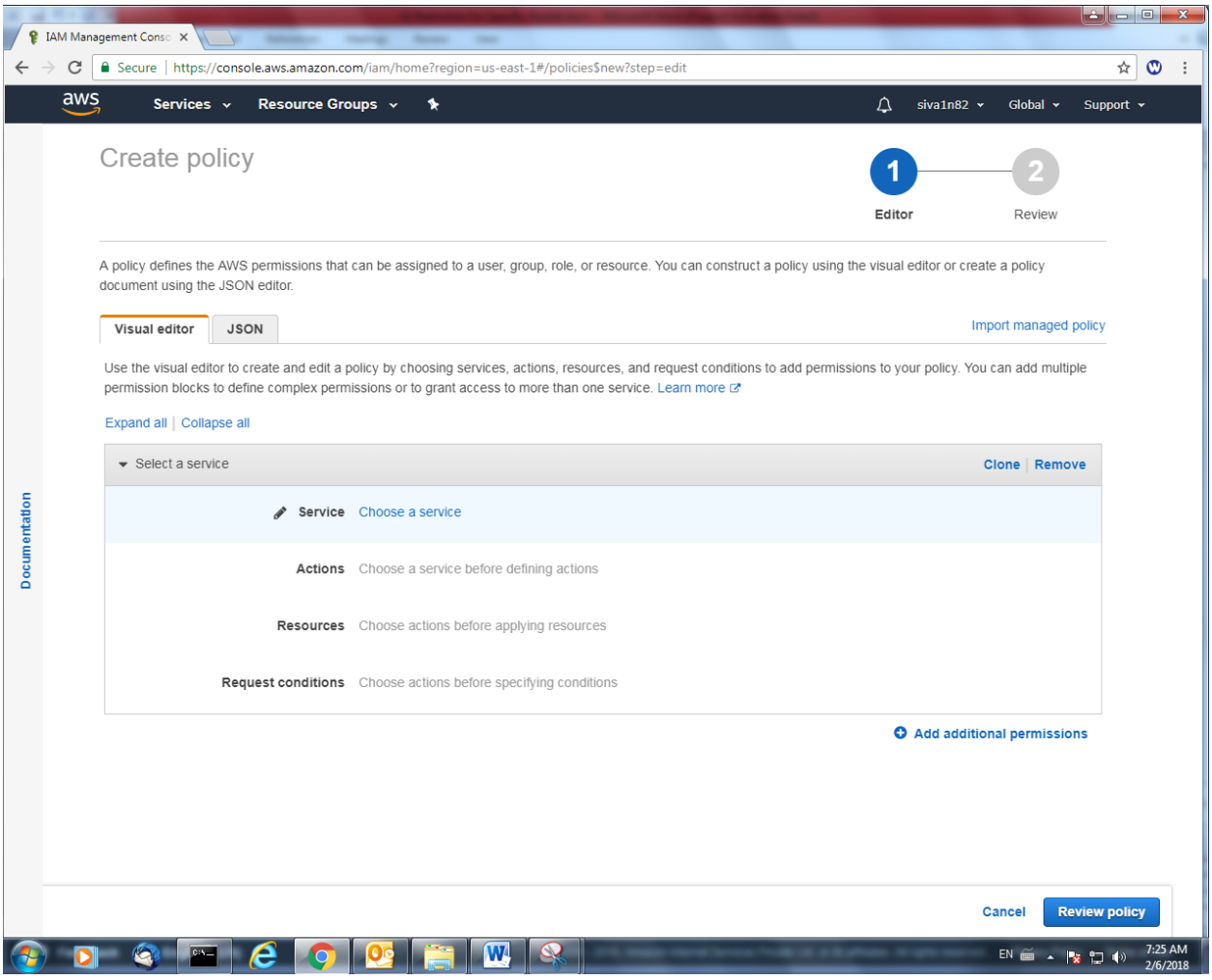
Click “IAM” Role.



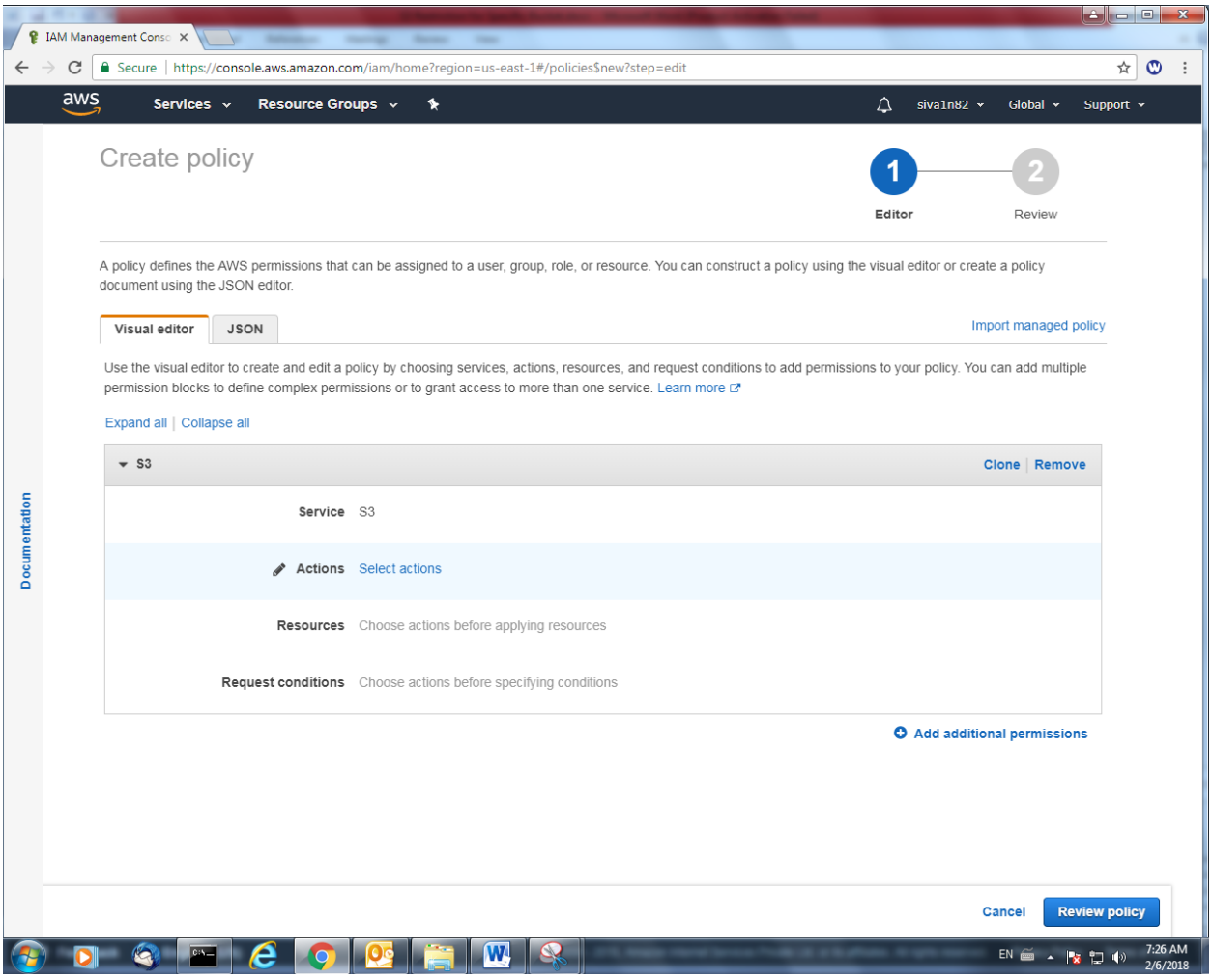
Click “Create Policy”.



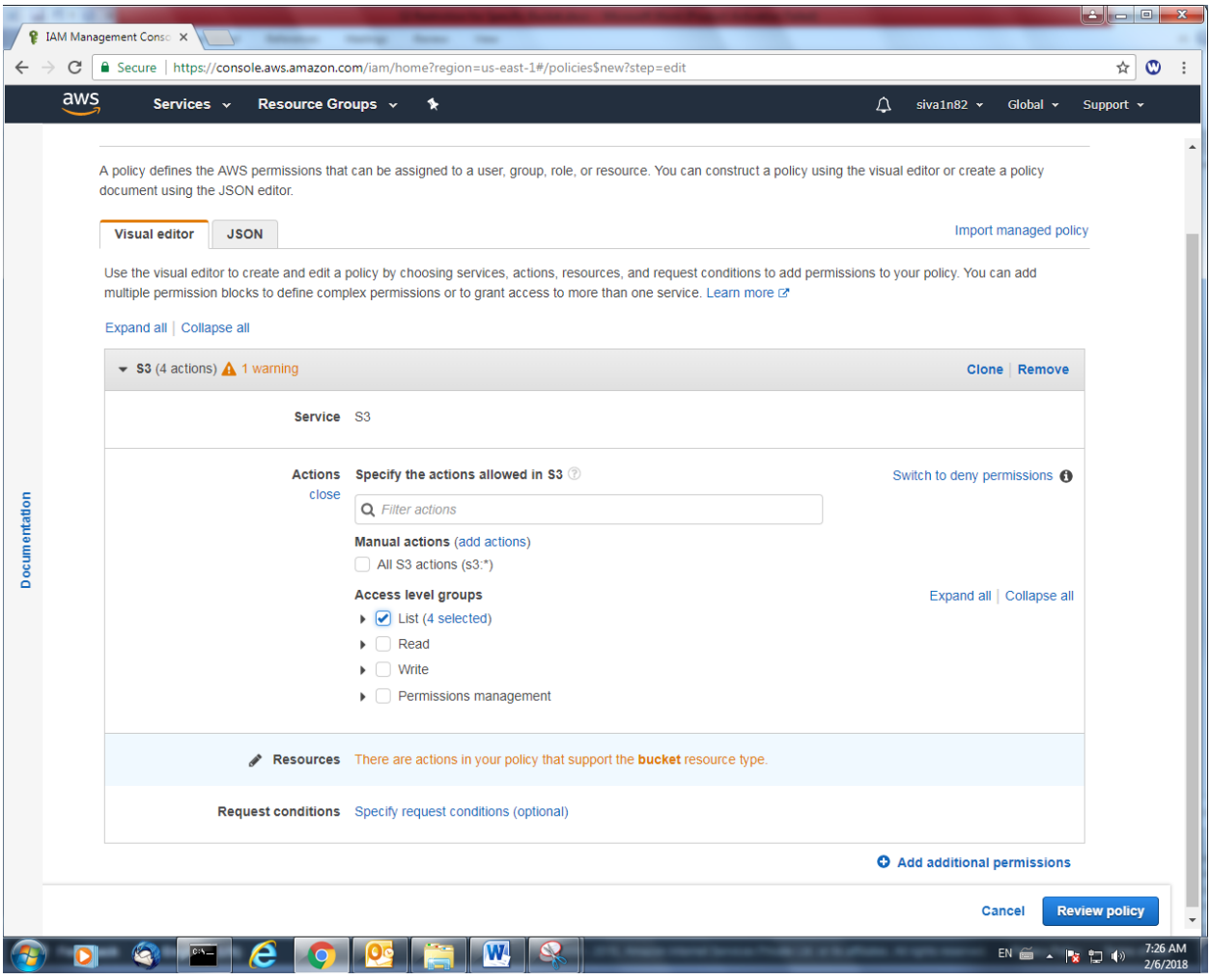
Click “Choose a service” and



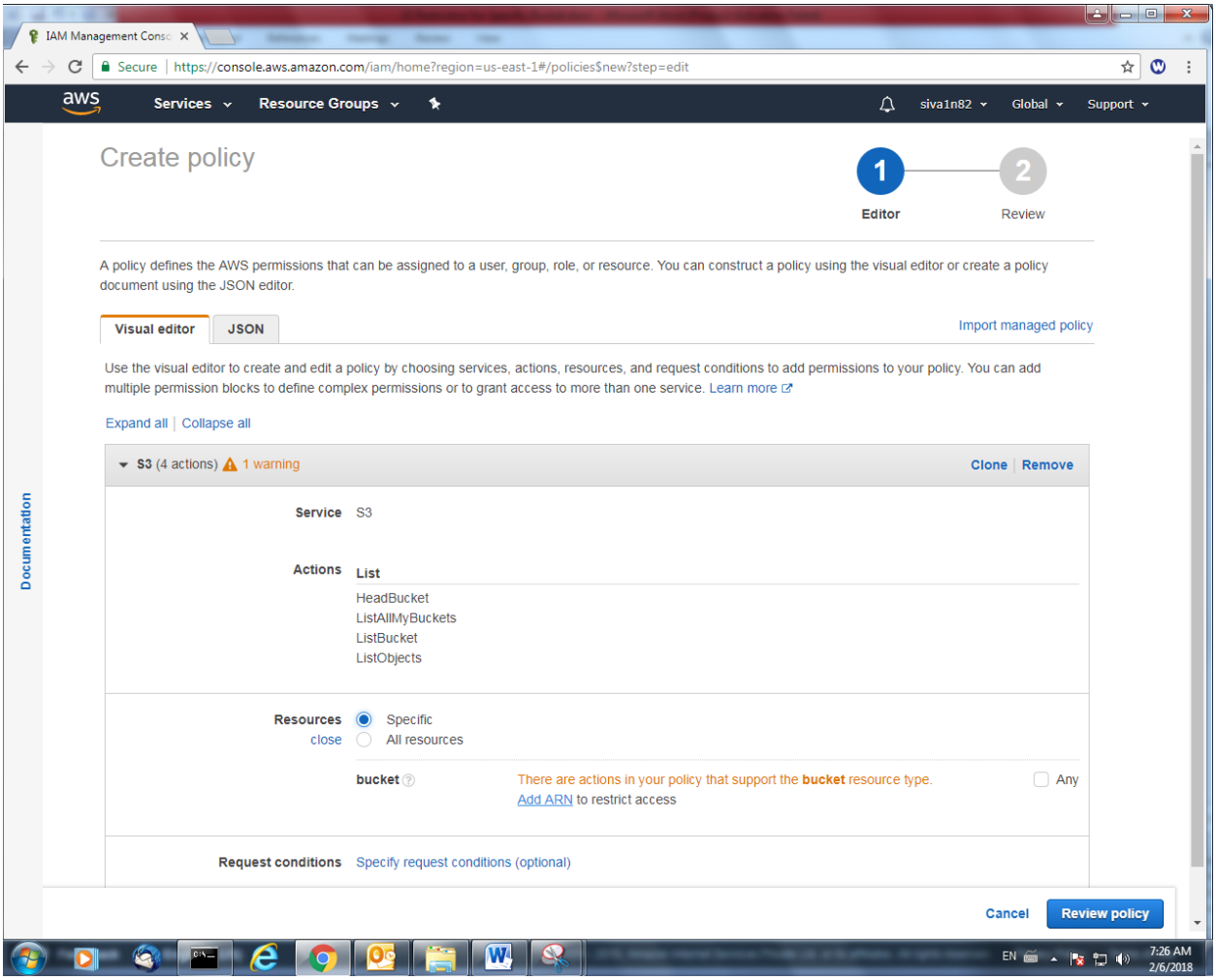
choose the S3 service and click Select actions.



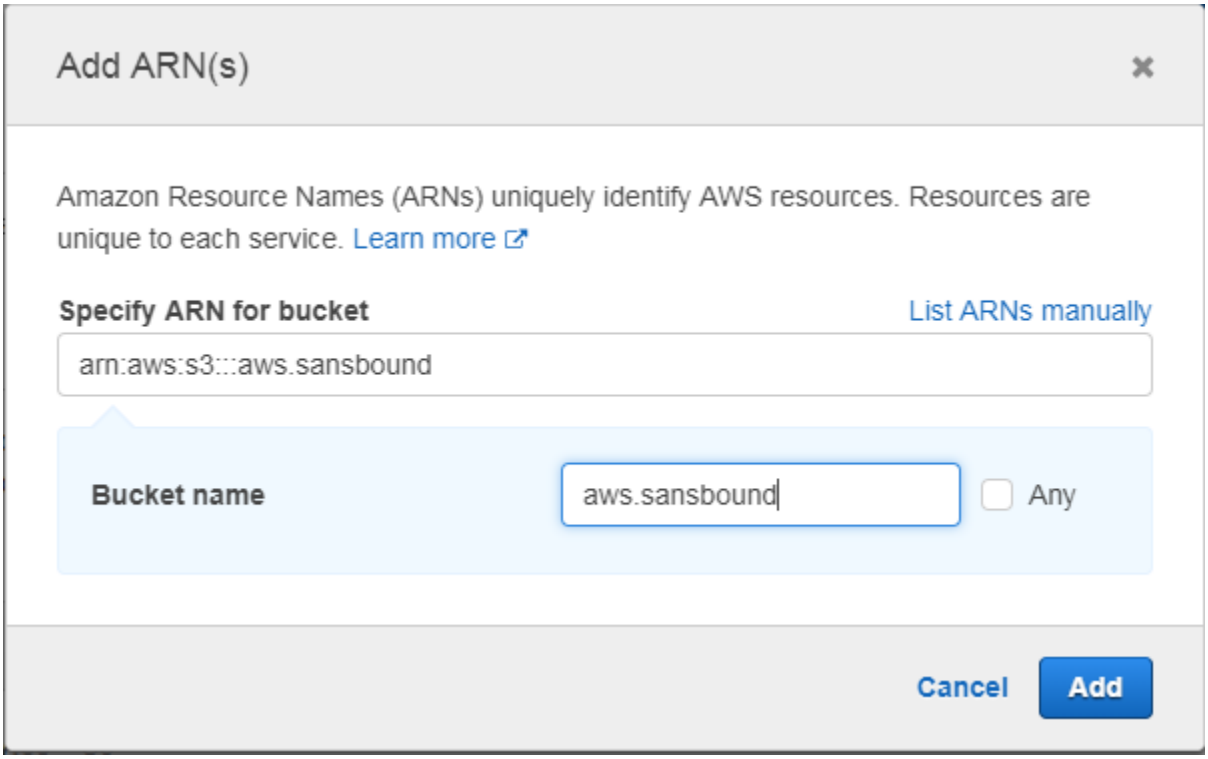
Access level groups, check “List” and click “There are action in your policy that support the bucket resource type.



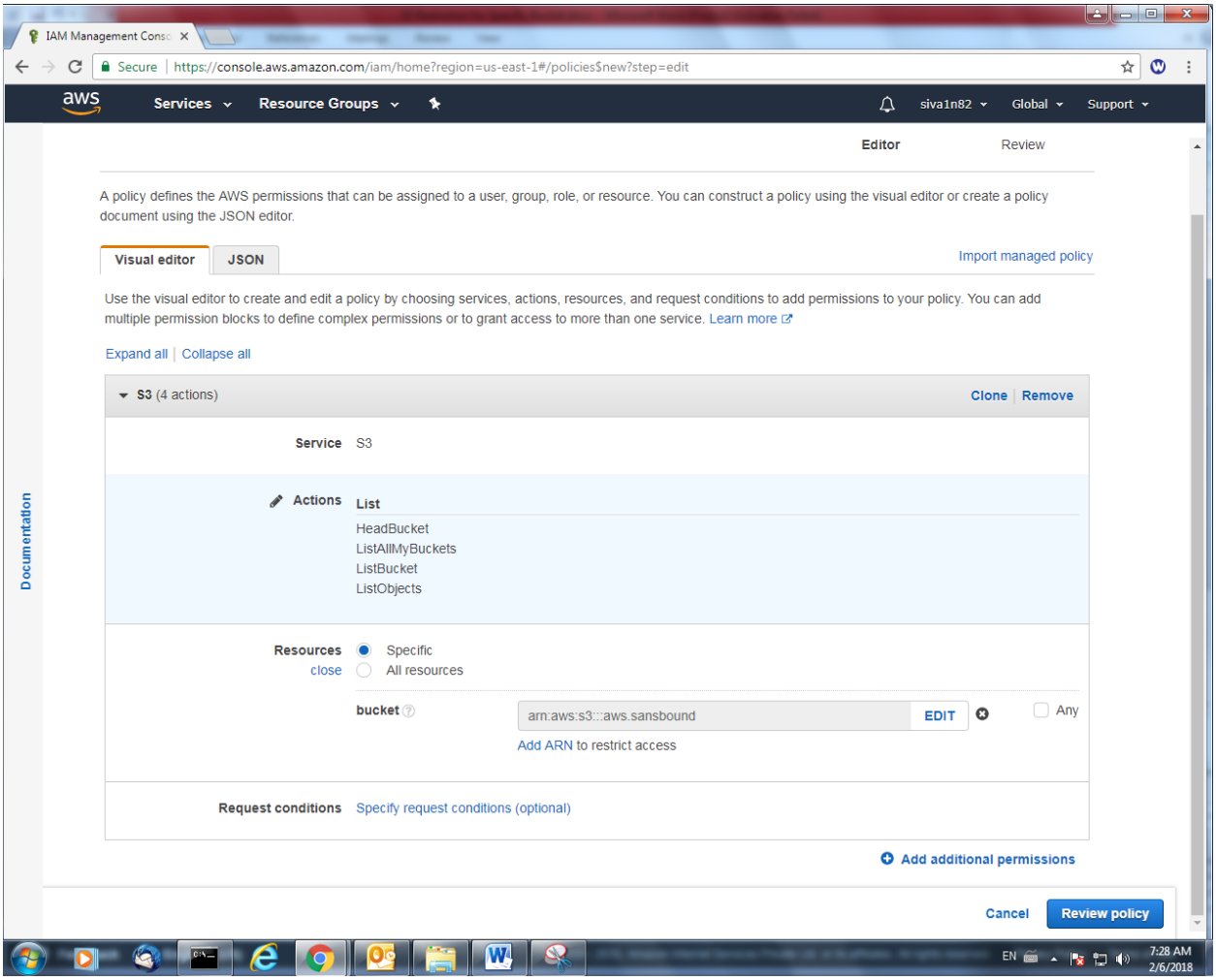
Click specific option and click “Add ARN” to add the bucket name.



Type the bucket name and click “Add”.



Click “Review Policy”.


IAM Management Conso
Secure | https://console.aws.amazon.com/iam/home?region=us-east-1#/policies$new?step=edit
aws
Services
Resource Groups
siva1n82
Global
Support
Editor
Review
A policy defines the AWS permissions that can be assigned to a user, group, role, or resource. You can construct a policy using the visual editor or create a policy document using the JSON editor.
Visual editor
JSON
Import managed policy
Use the visual editor to create and edit a policy by choosing services, actions, resources, and request conditions to add permissions to your policy. You can add multiple permission blocks to define complex permissions or to grant access to more than one service. Learn more
Expand all | Collapse all
S3 (4 actions)
Clone | Remove
Service
S3
Actions
List
HeadBucket
ListAllMyBuckets
ListBucket
ListObjects
Resources
close
Specific
All resources
bucket
arn:aws:s3:::aws.sansbound
EDIT
Any
Add ARN to restrict access
Request conditions
Specify request conditions (optional)
Add additional permissions
Cancel
Review policy
Documentation
EN
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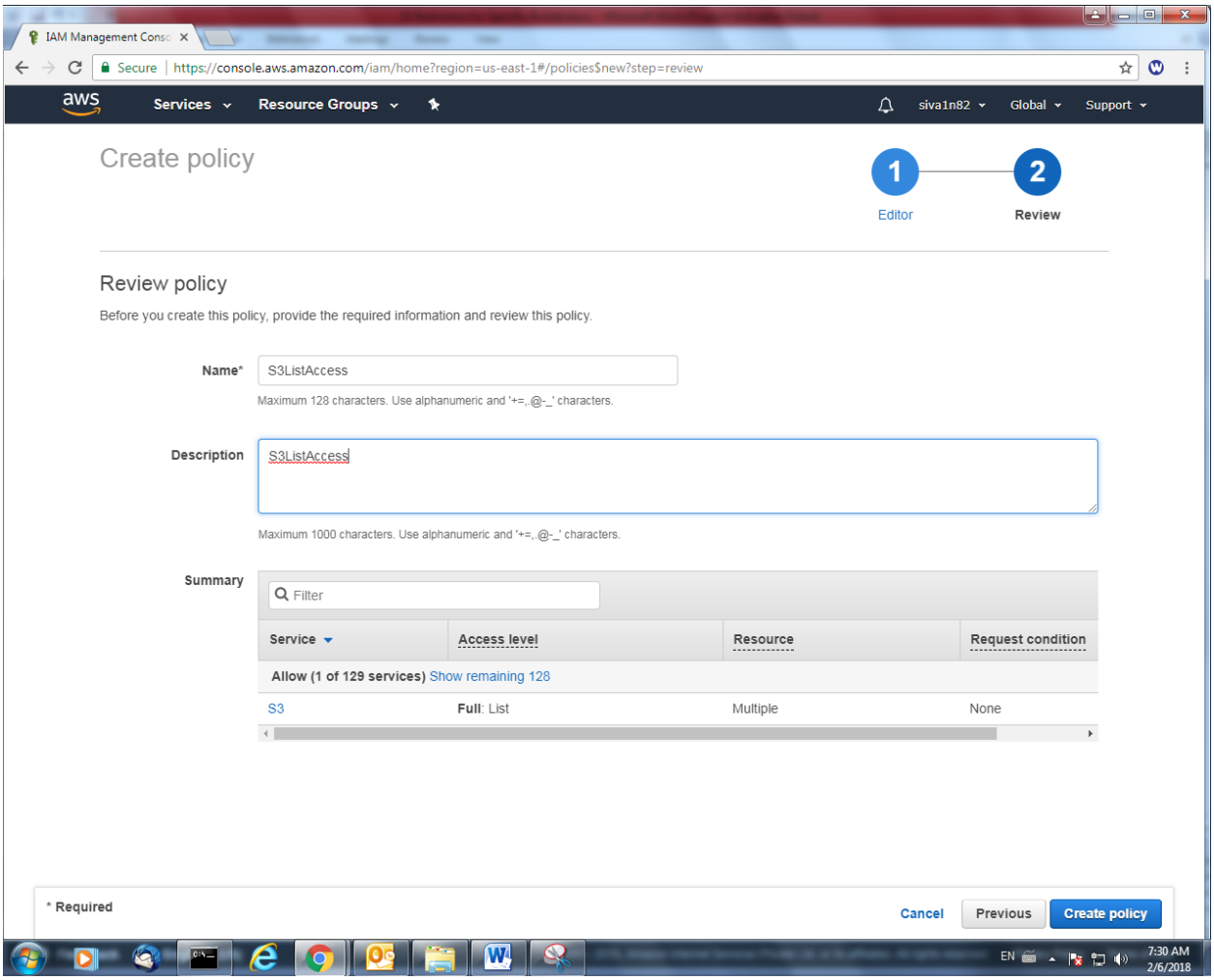
2/6/2018

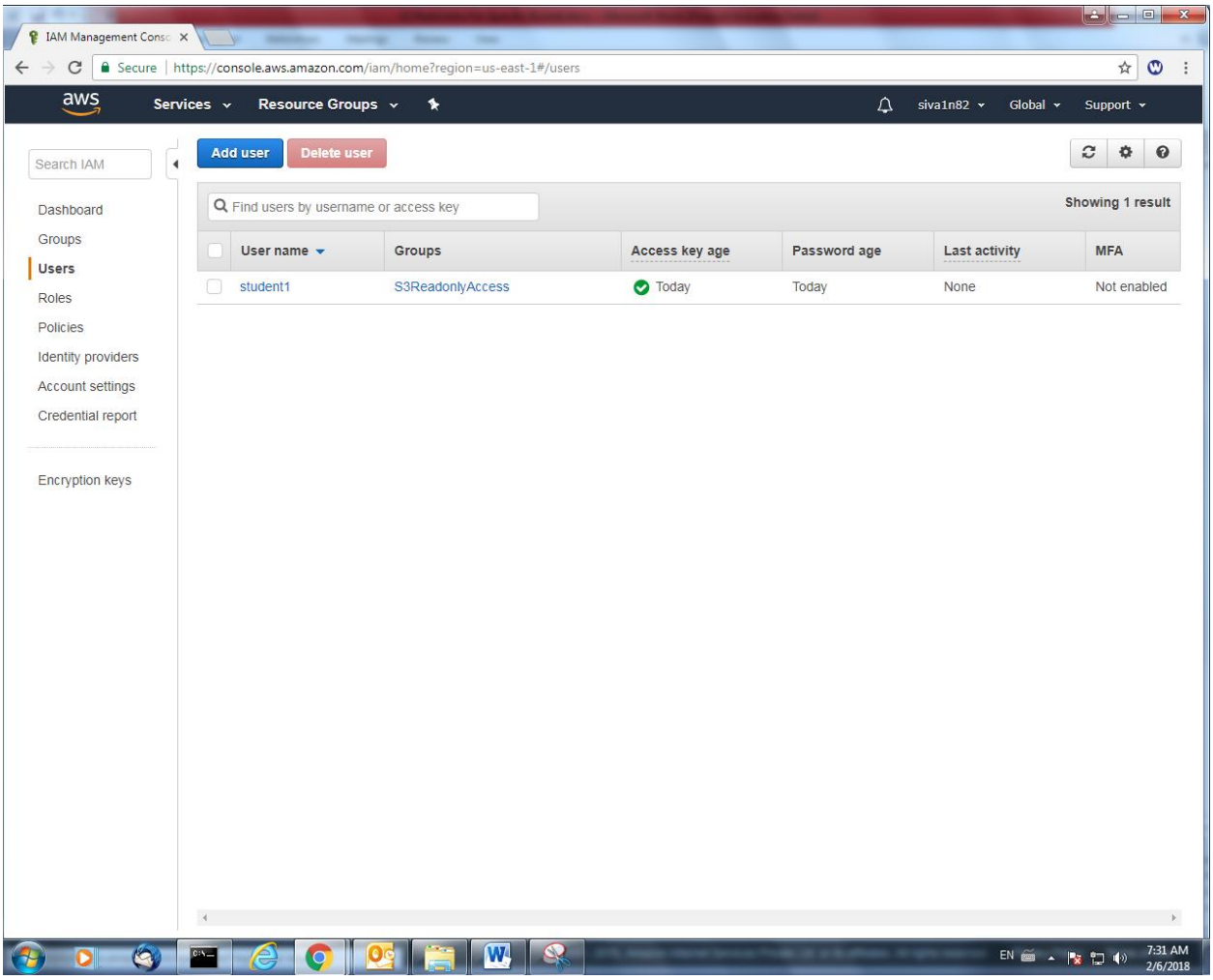
Type Name of Policy and Description.



Click “Create Policy”.

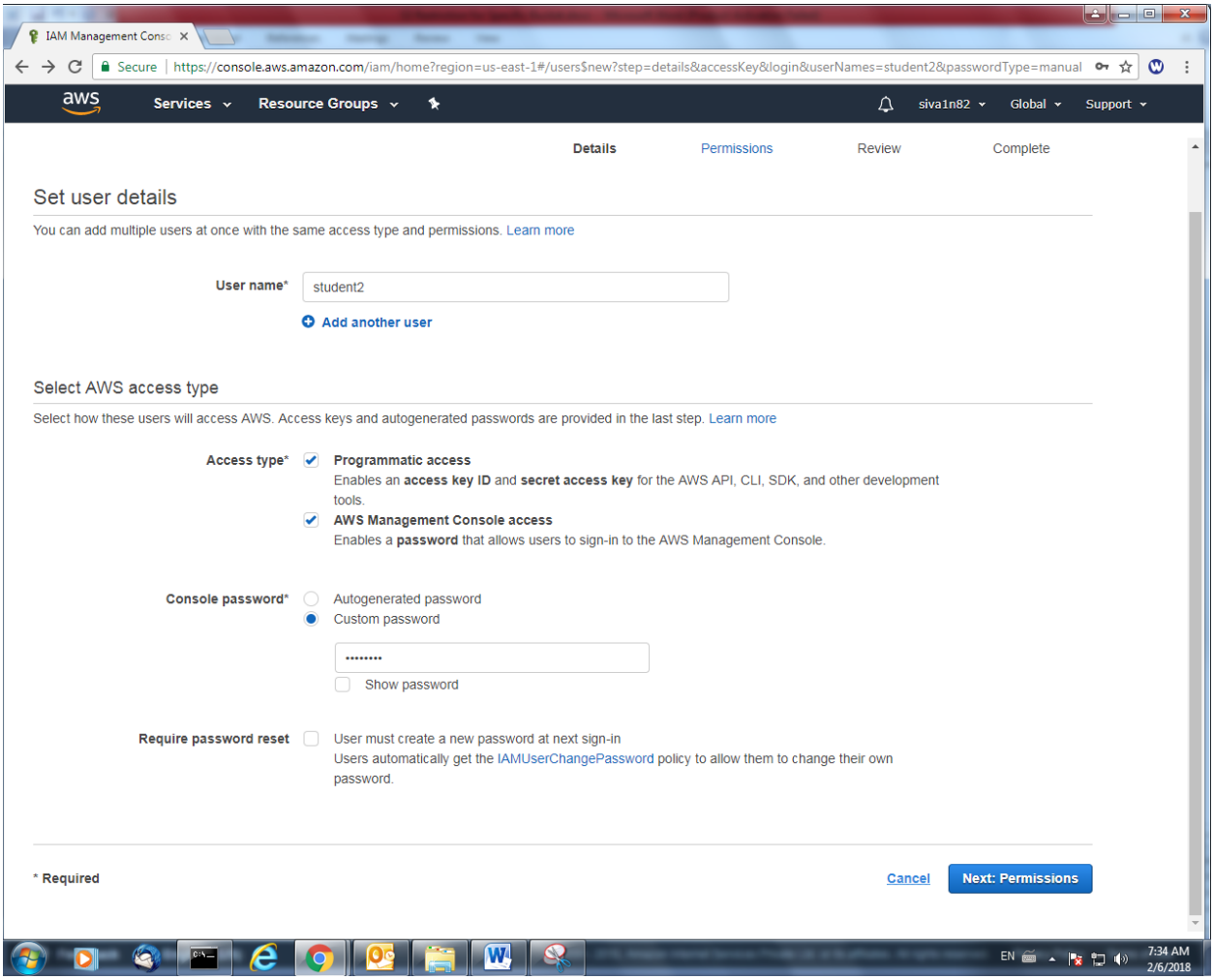
We need to create a user to assign the policy.

Click “Add user”.



Username: student2

Access type : Programmatic access and AWS management console access.


IAM Management Conso
Secure | https://console.aws.amazon.com/iam/home?region=us-east-1#/users$new?step=details&accessKey&login&userNames=student2&passwordType=manual
aws
Services
Resource Groups
siva1n82
Global
Support
Details
Permissions
Review
Complete
Set user details
You can add multiple users at once with the same access type and permissions. Learn more
User name*
student2
Add another user
Select AWS access type
Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more
Access type*
Programmatic access
Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools.
AWS Management Console access
Enables a password that allows users to sign-in to the AWS Management Console.
Console password*
Autogenerated password
Custom password
Show password
Require password reset
User must create a new password at next sign-in
Users automatically get the IAMUserChangePassword policy to allow them to change their own password.
* Required
Cancel
Next: Permissions
EN
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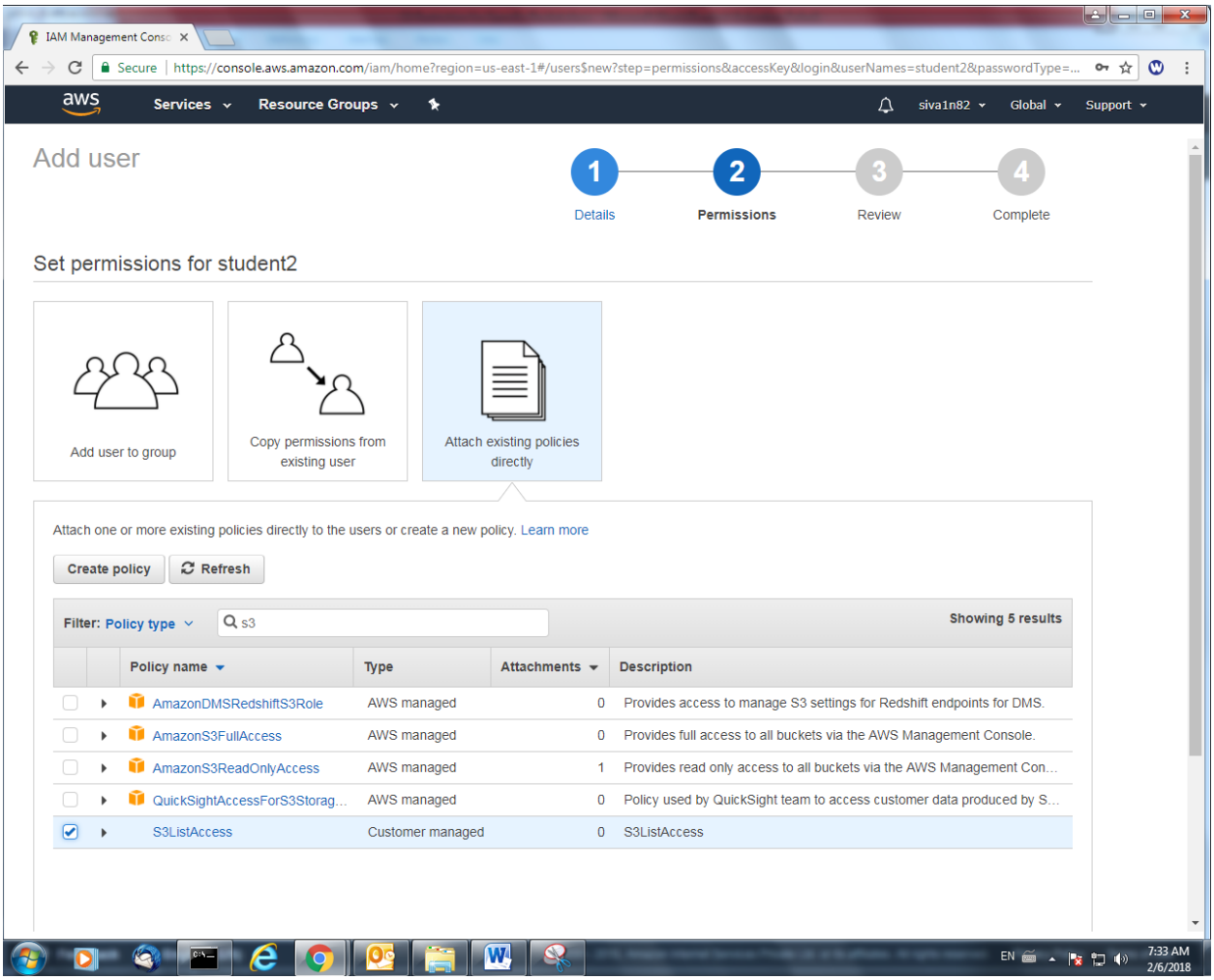
2/6/2018

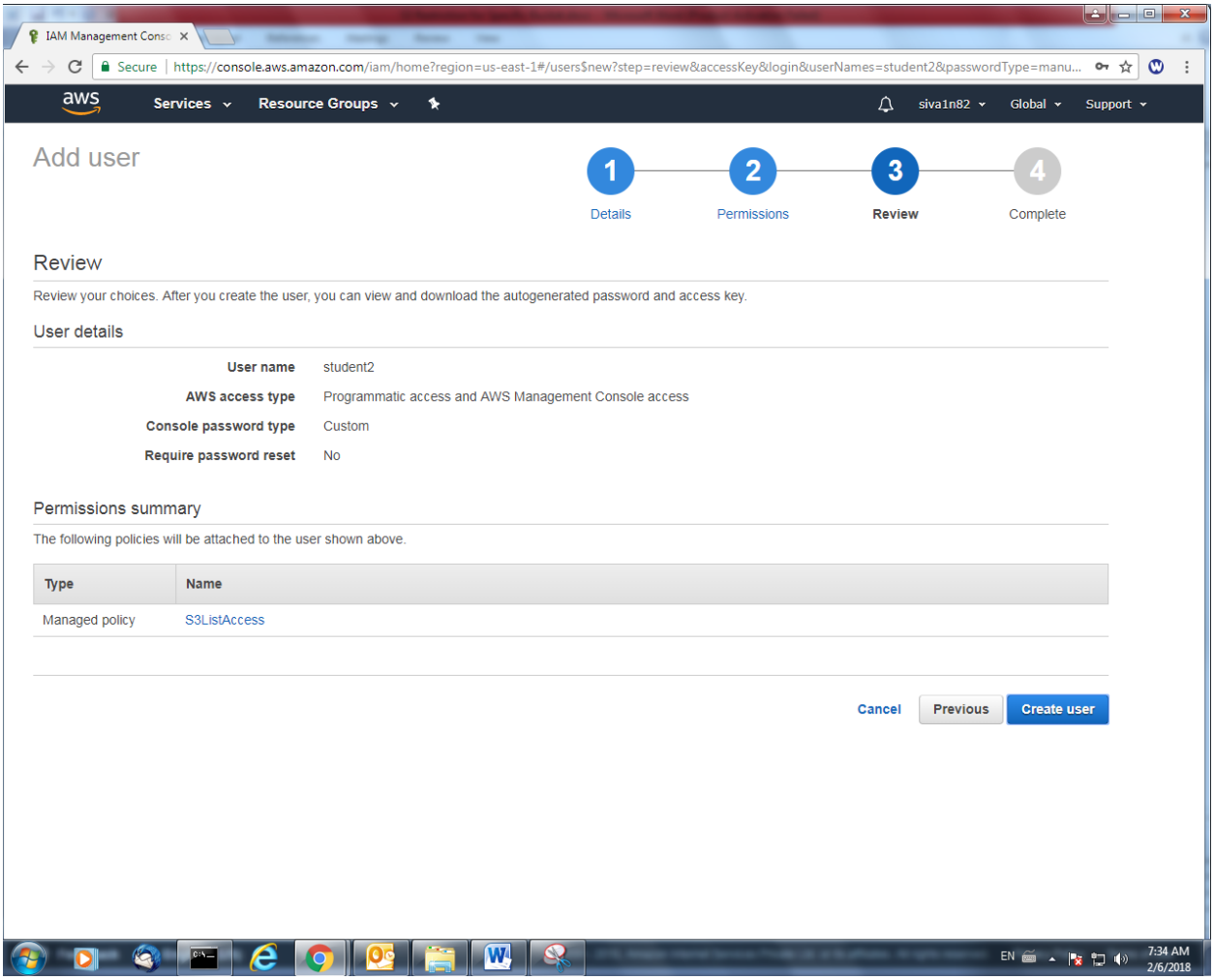
Click “Next”.

In Policy type, type “s3” to filter the s3 policies. Select the policy which we created.

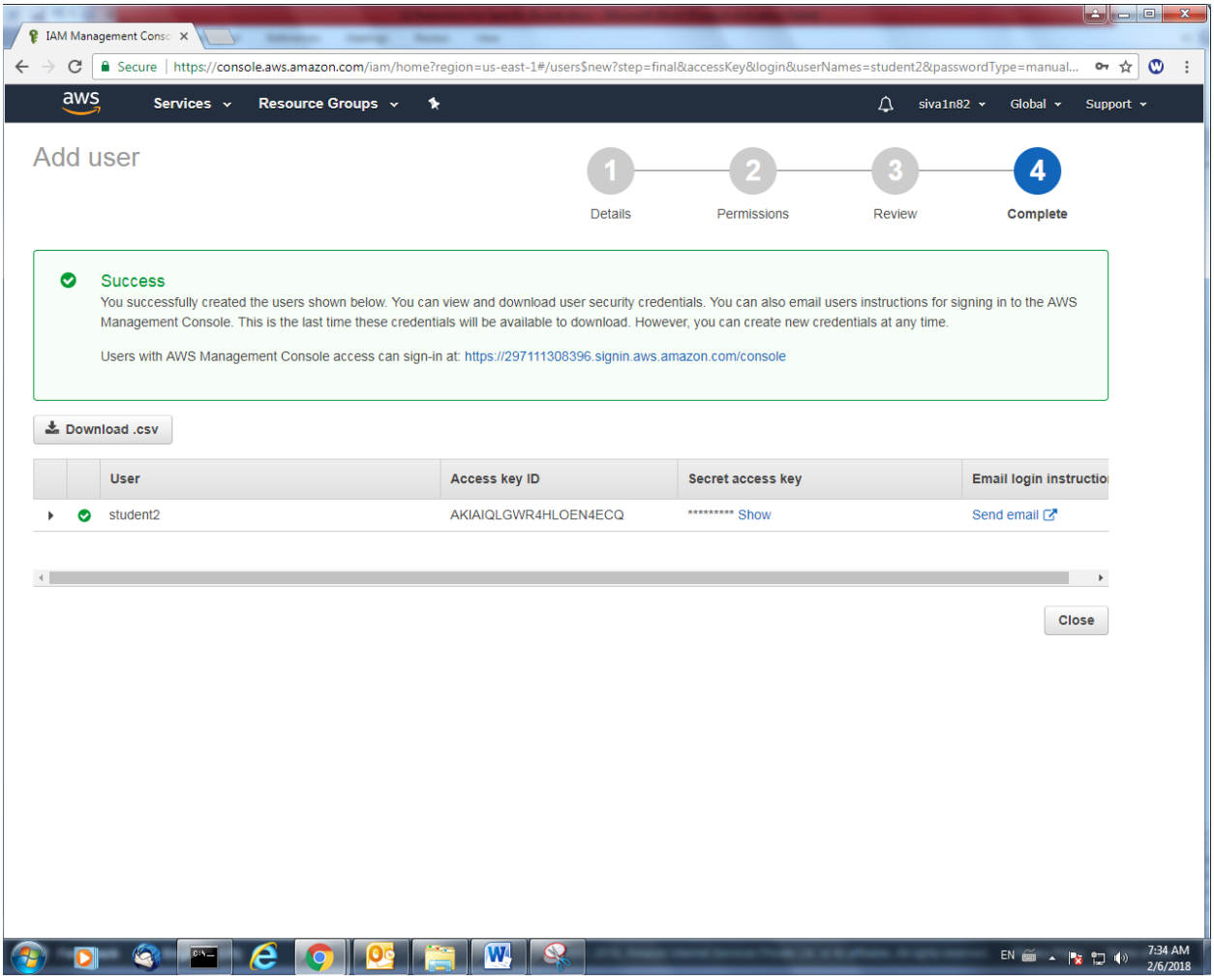


Click “Next”.

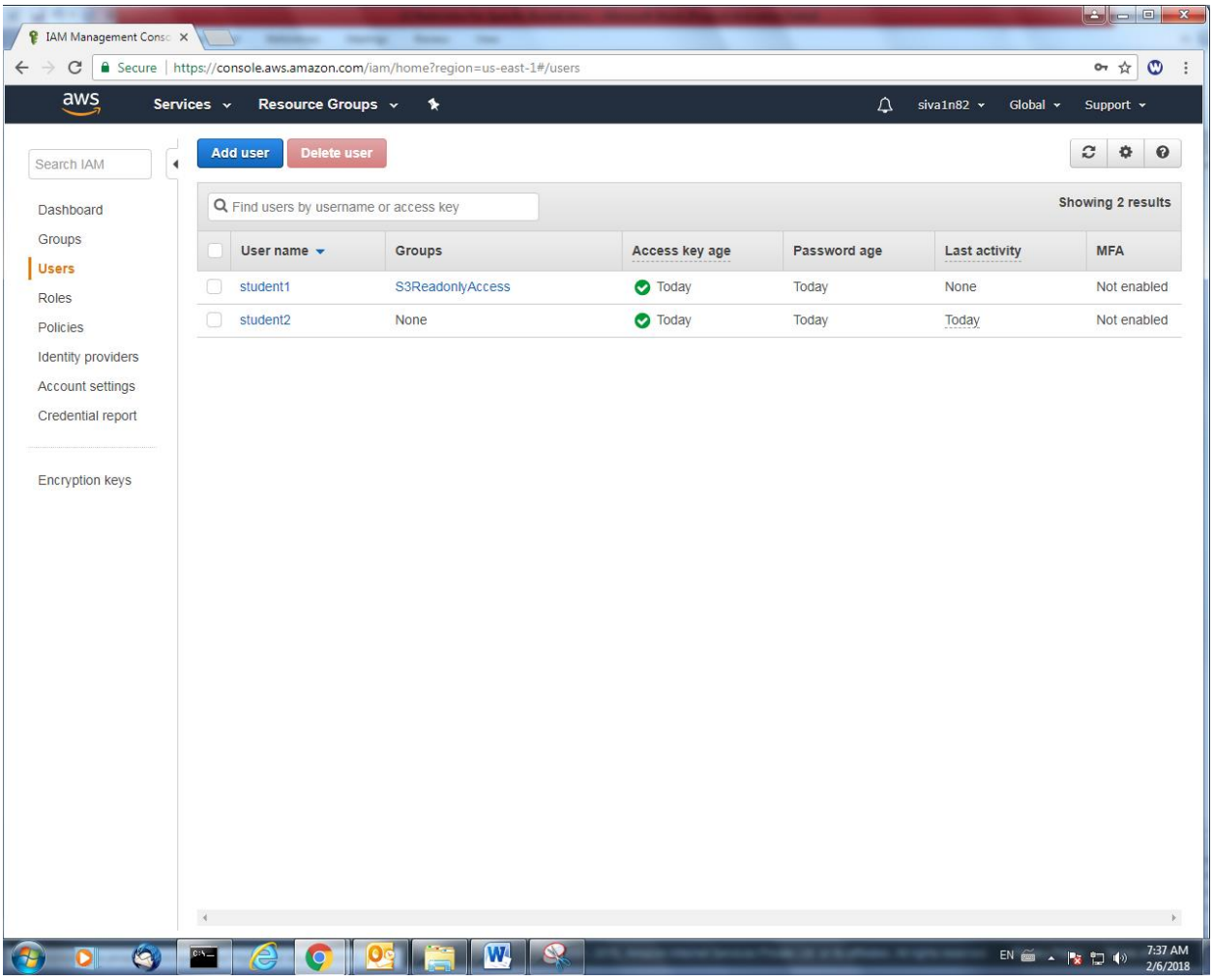
Click “Create user”.



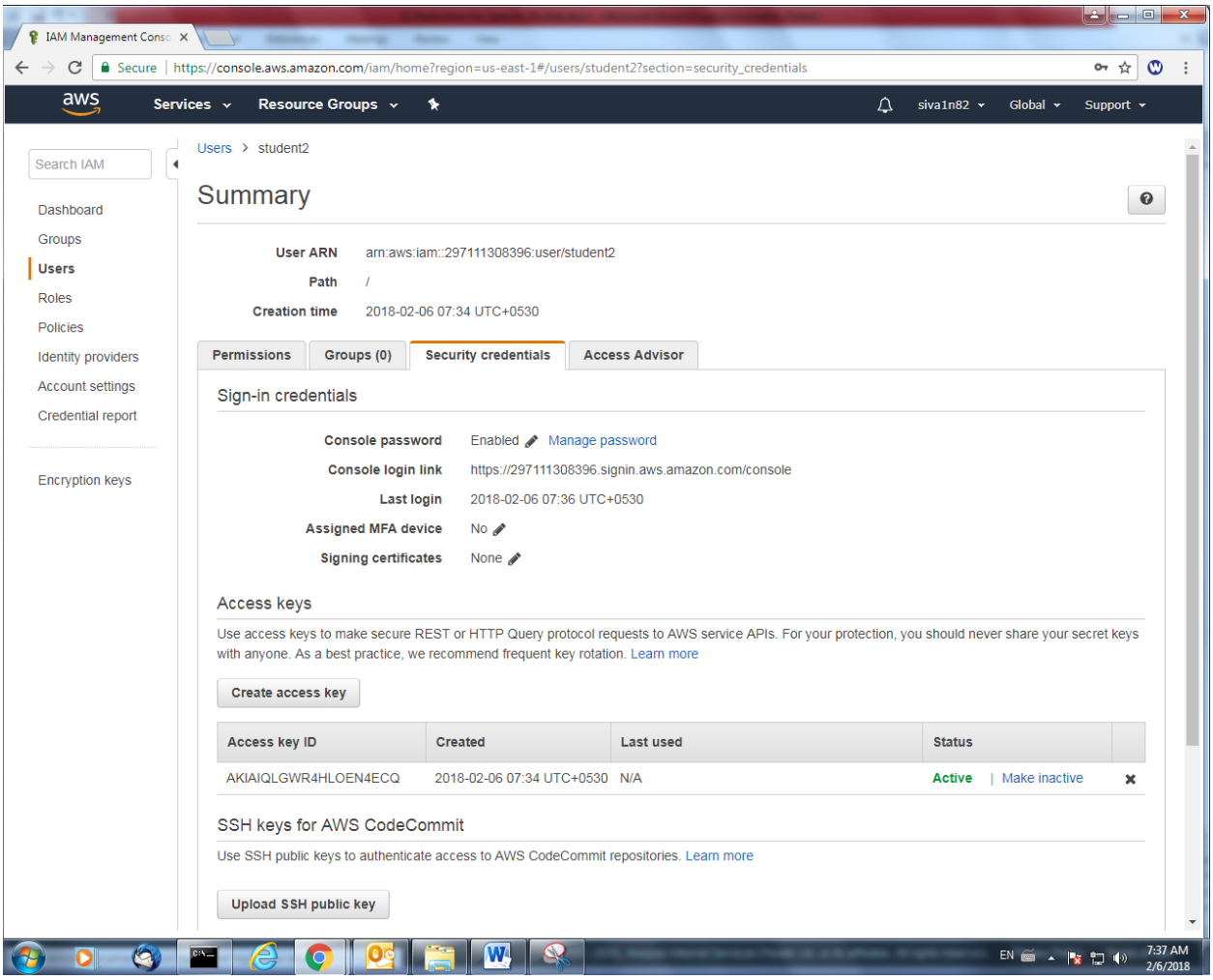
User successfully created. Please note that URL as below in box.



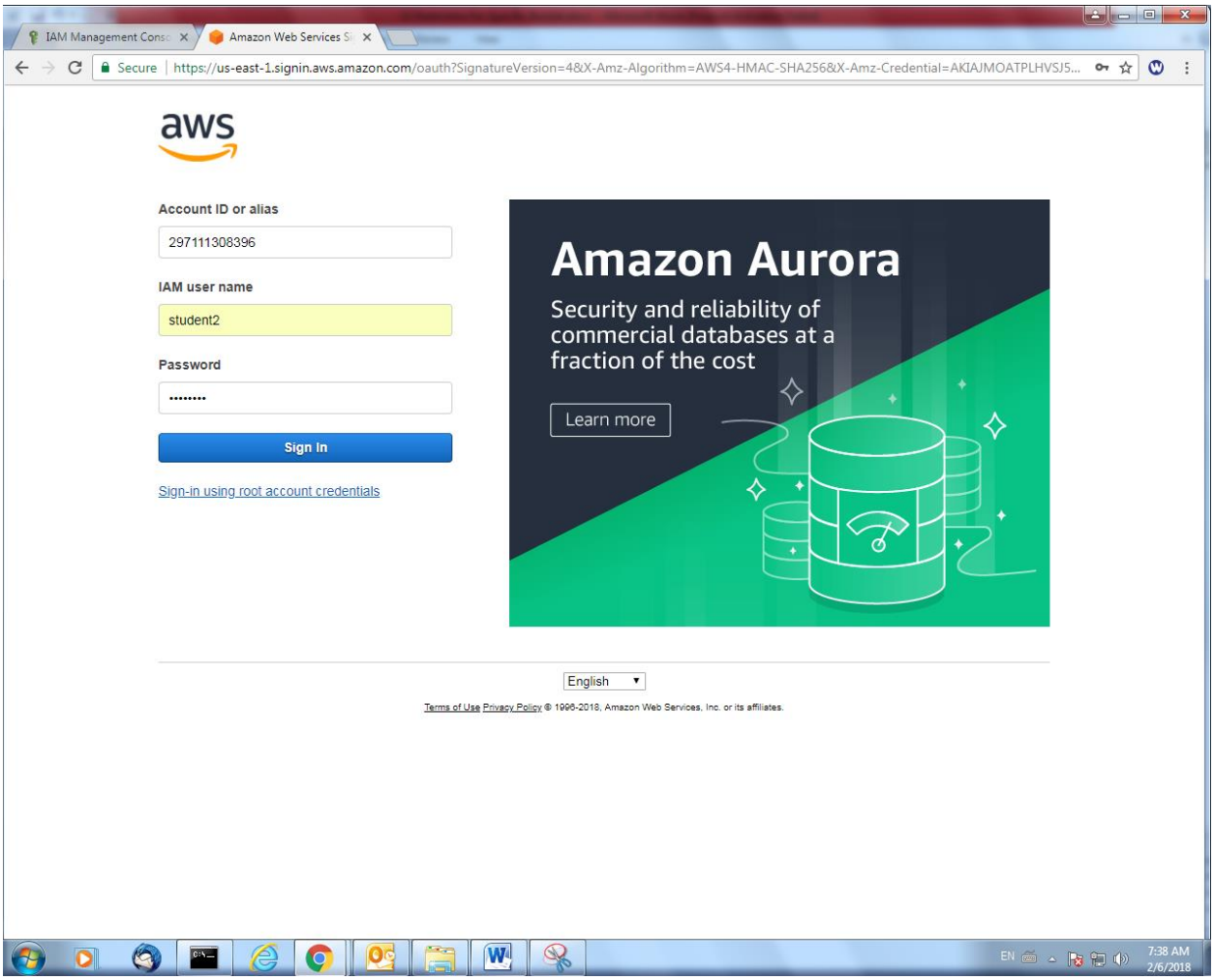
Click Users, and select student2 user.



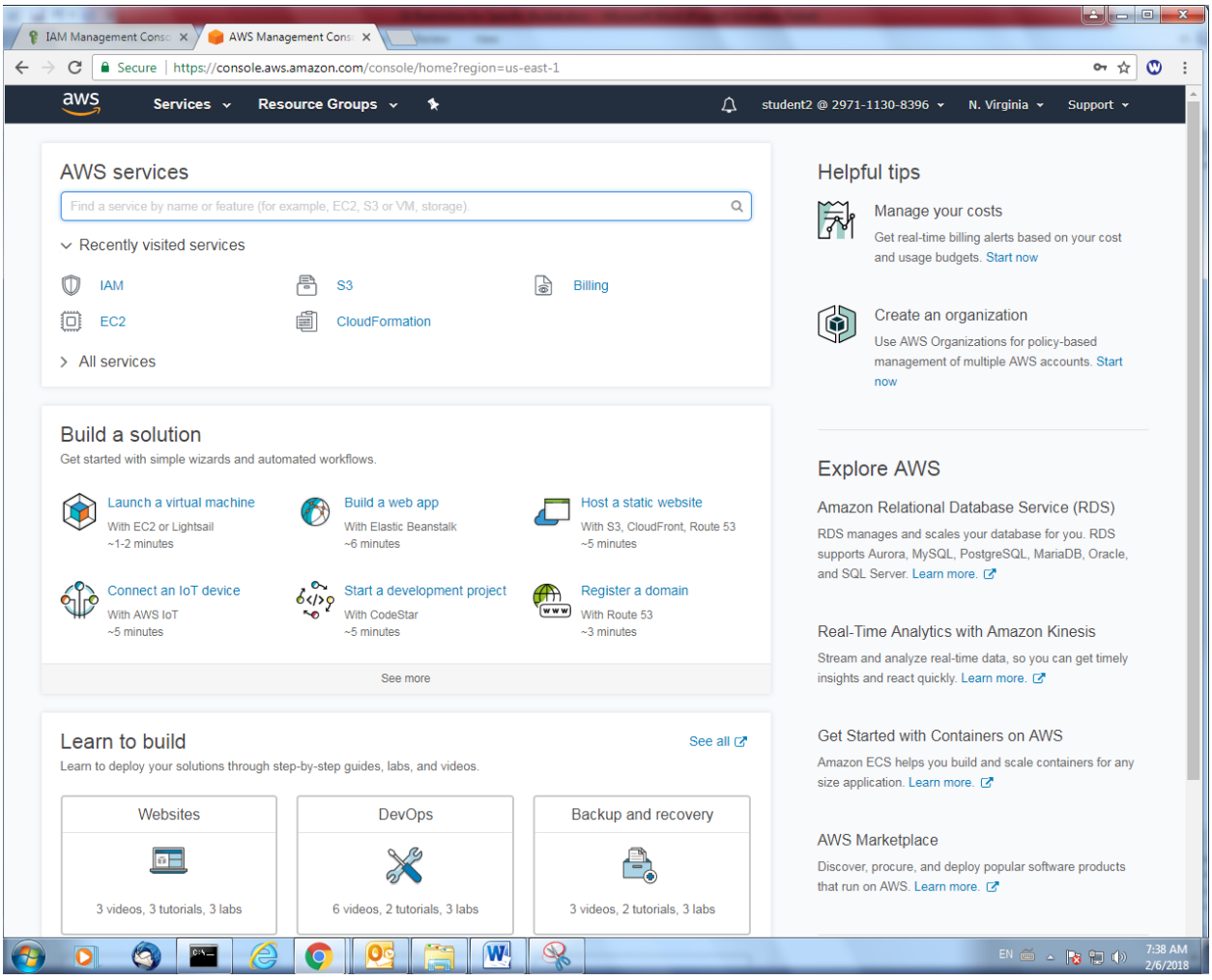
Clcik Security Credentials, copy the console login link and open that URL in new window.



Type the login credentials of Student2.



Click “S3”.


IAM Management Cons
AWS Management Cons
Secure | https://console.aws.amazon.com/console/home?region=us-east-1
aws
Services
Resource Groups
student2 @ 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
Billing
EC2
CloudFormation
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.
EN
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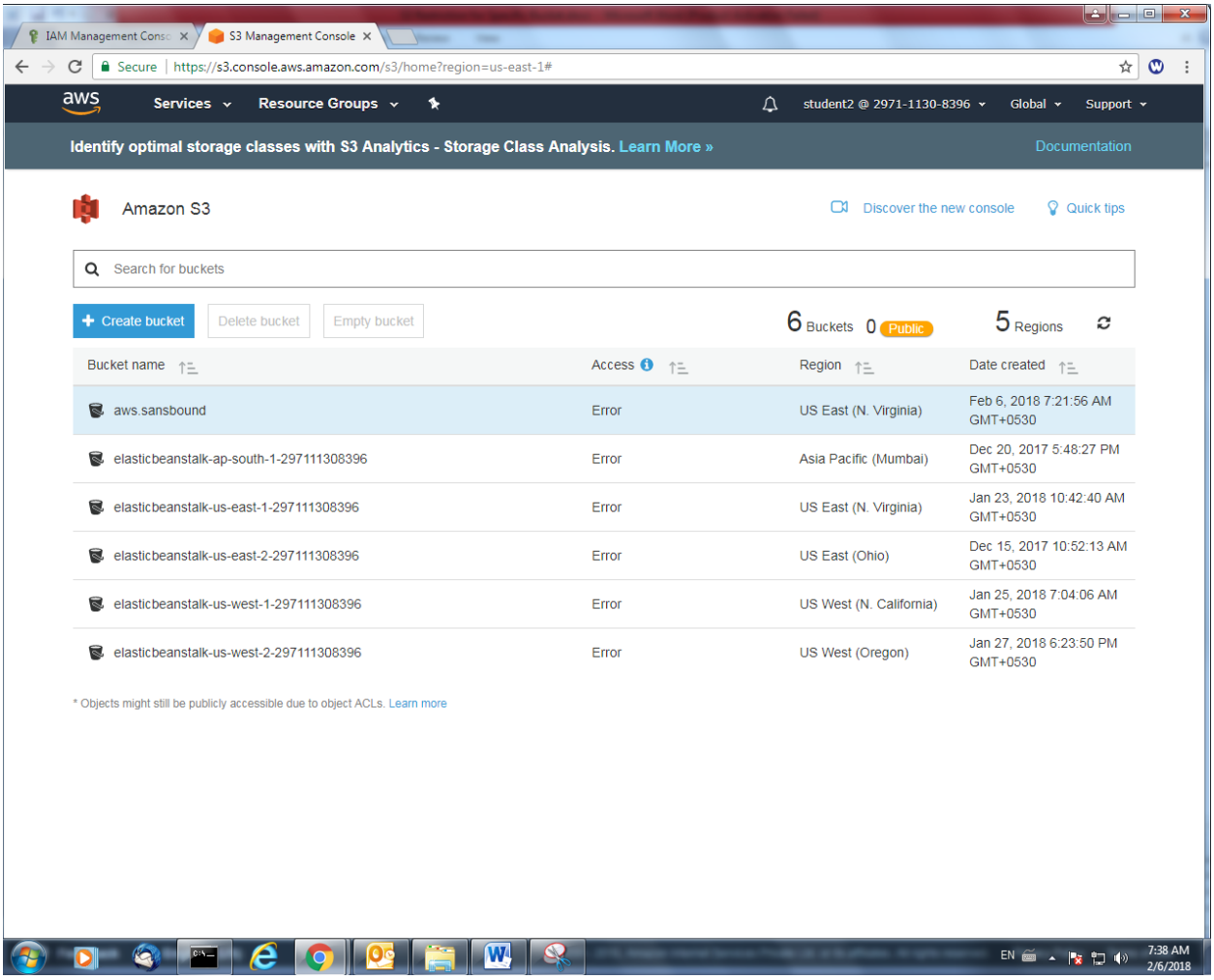
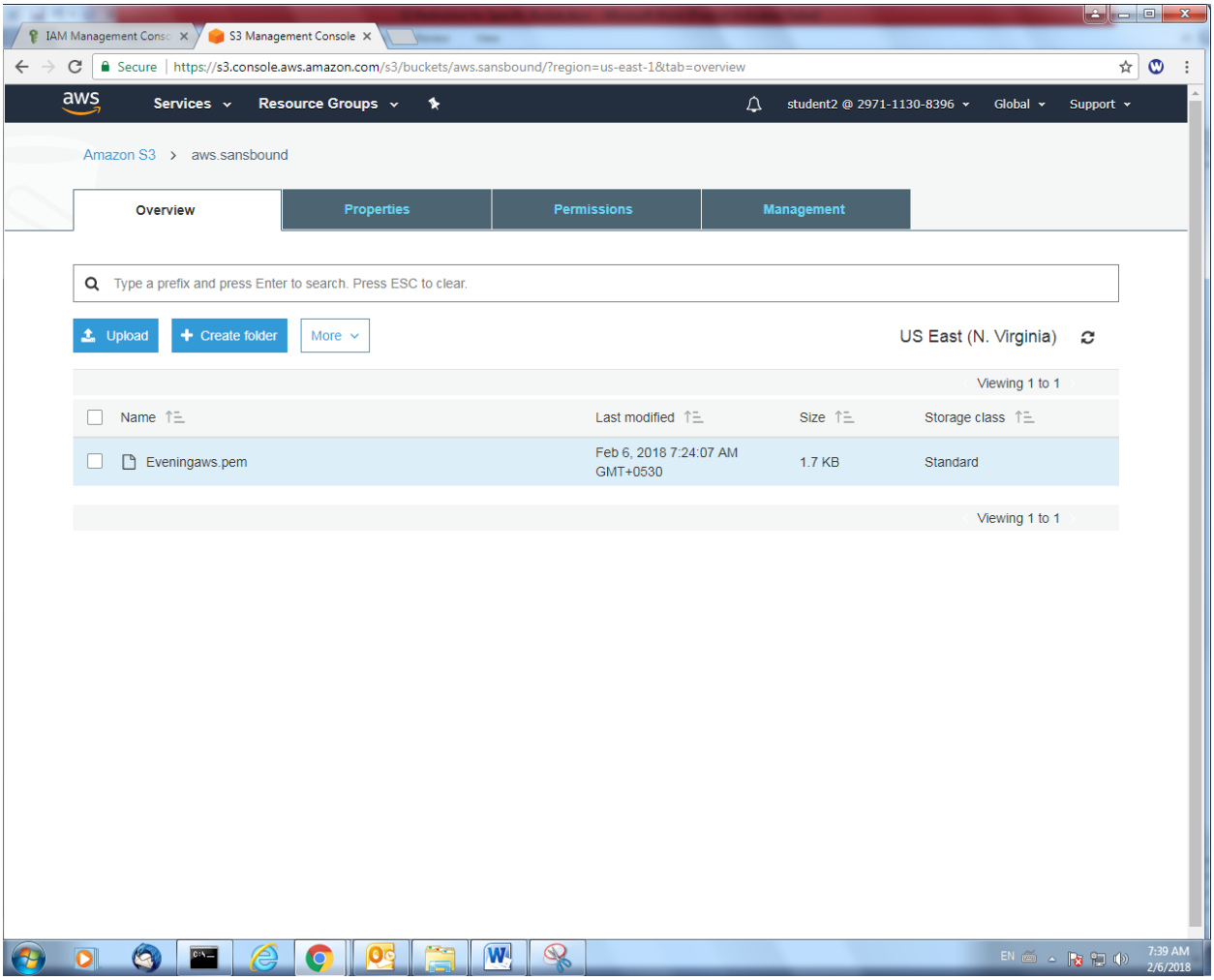
2/6/2018

Click “aws.sansbound” bucket.



We can able to view the file.



Try to access another bucket “elasticbeanstalk”. But we are not able to access the bucket. Because we have provided access to student2 user only for aws.sansbound bucket only.