Name: Aishwarya Ravi

SJSU ID: 015900768

Project –1

Source Code:

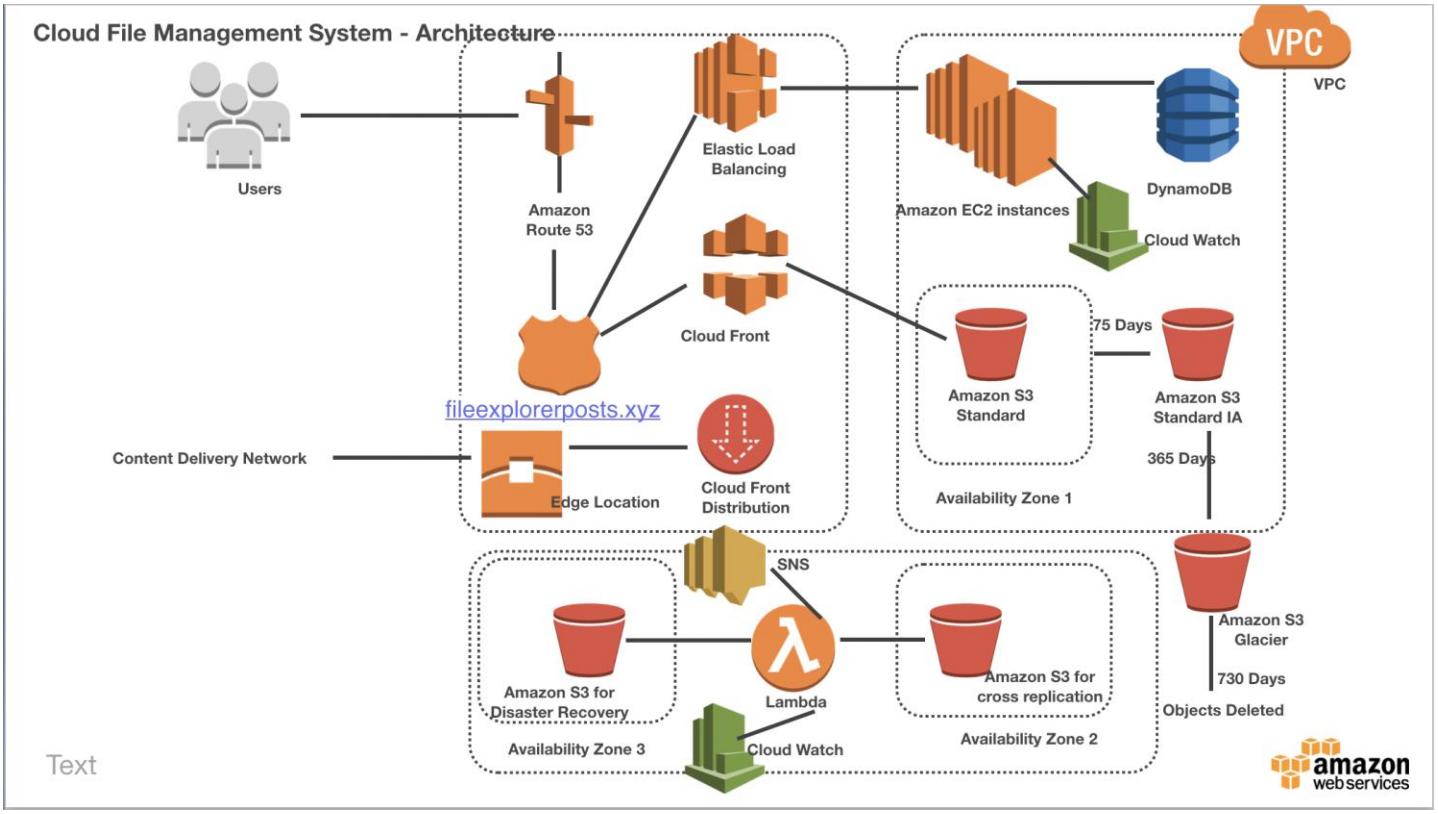
GitHub repo name: Cloud File Management System
GitHub username: aishwaryaravi19
GitHub URL: https://github.com/aishwaryaravi19/Cloud-File-Management-System

Requirements:

To Create a highly available, highly scalable, cost effective 3 tier web application which could be accessed over the public internet through the registered domain name.

My domain name:- http://fileexplorerposts.xyz:8081/

Architecture Diagram:

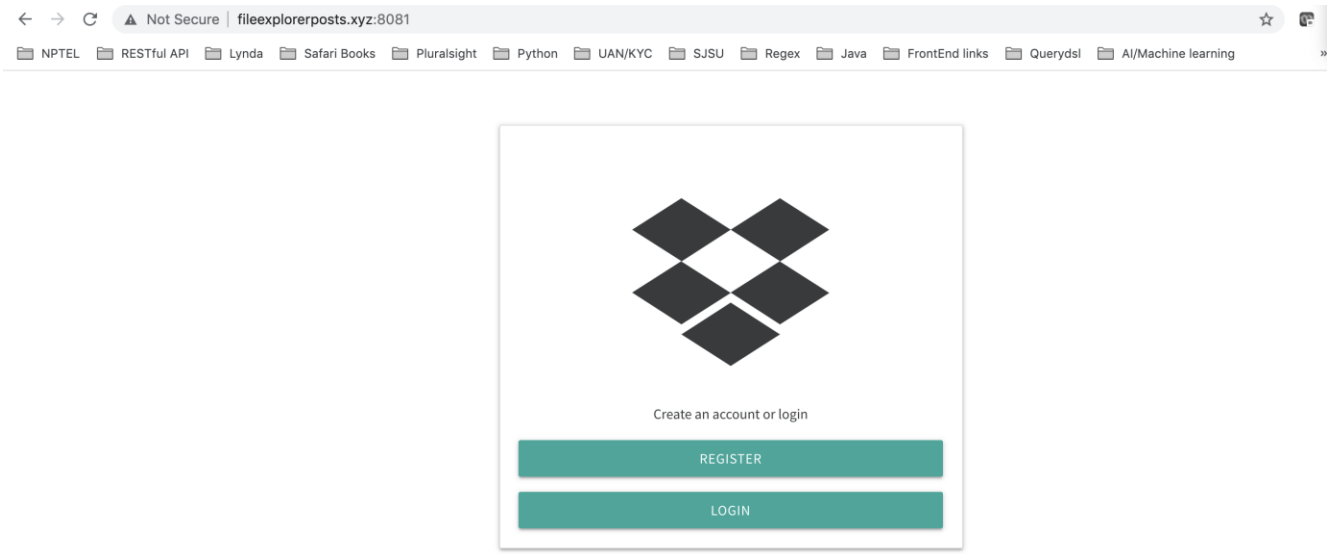


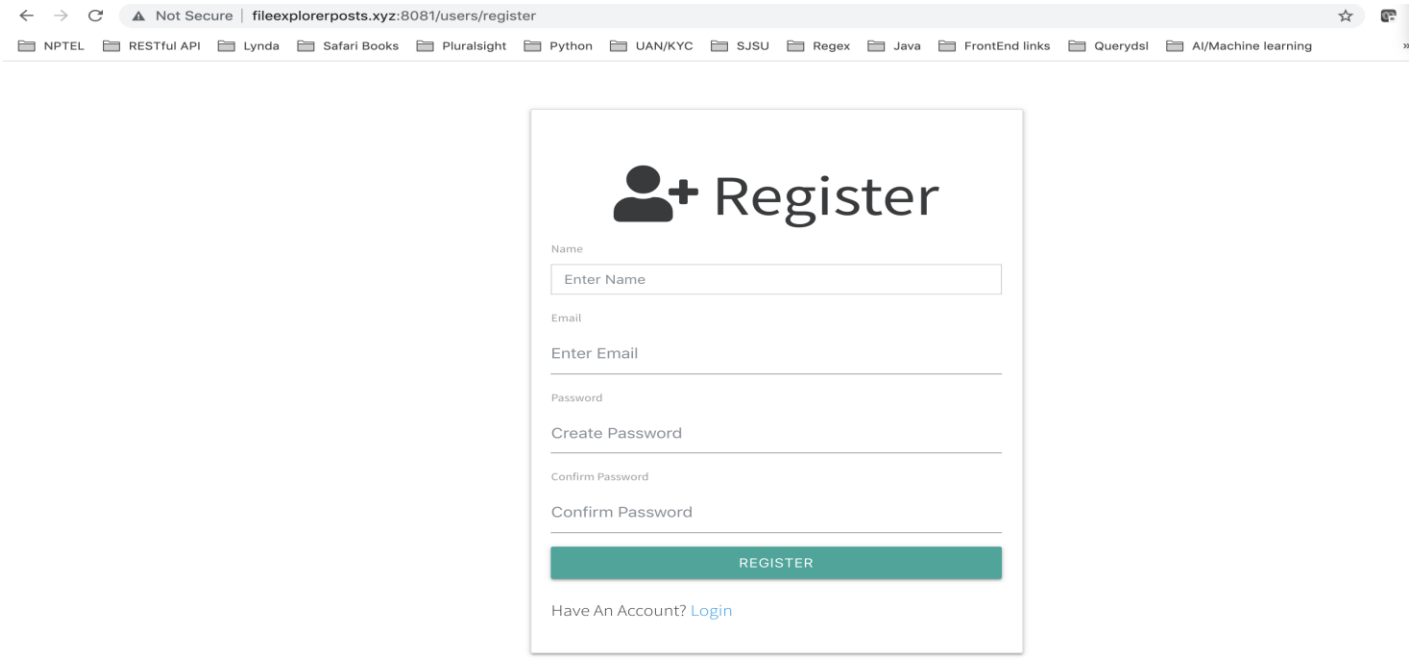
Project 1:

User Registration

5 points

User registration form contain fields such as user name, email address and password. The username “admin” refers to the admin of the system and all other users are considered as non – admins. The users must be registered in order to access the application.

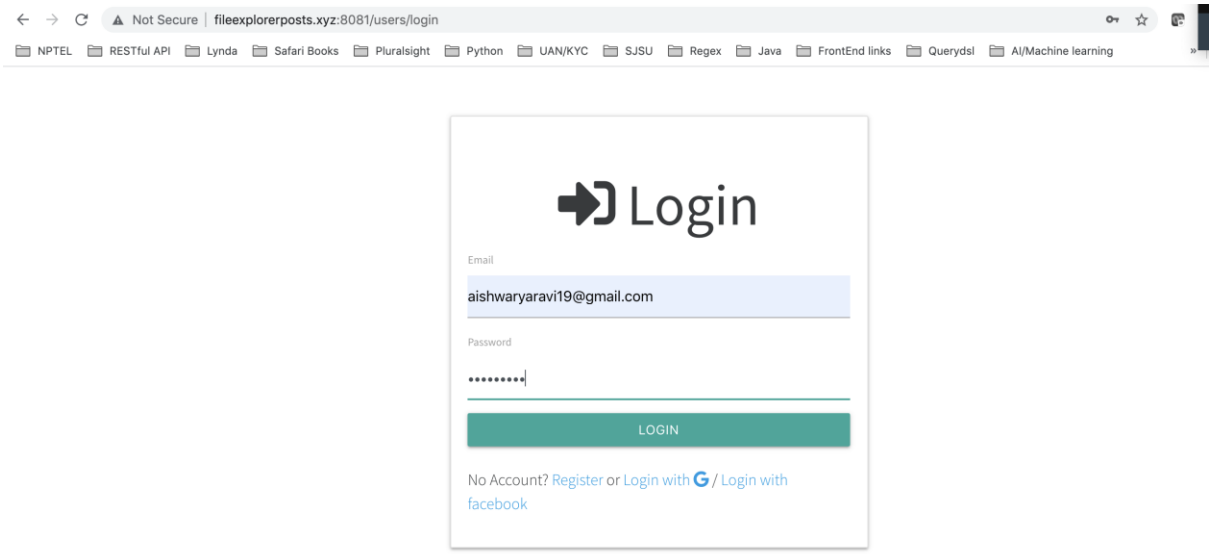




Custom Login

5 points

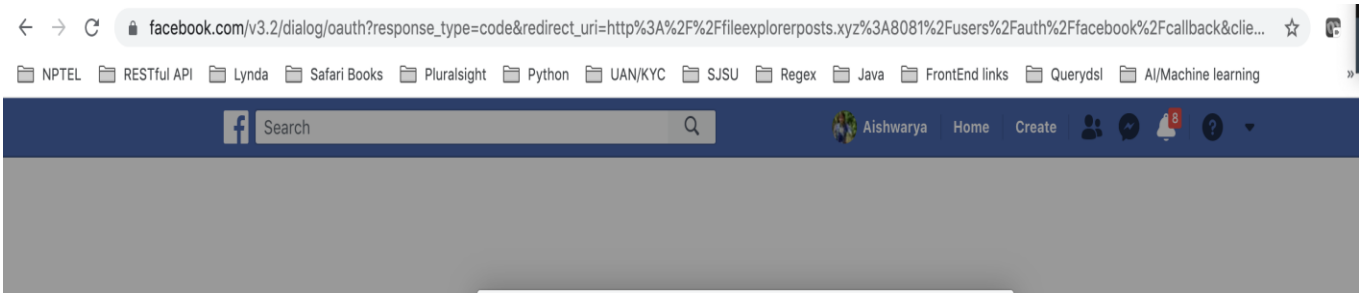
If the user has already registered, they can login to the application using their login credentials. The user has to enter his/her email address and password. After login is successful, they will be taken to the Files dashboard page.



Social Media Login - FB

0 points

Used passport framework from EJS to integrate with social media – FB. User can login through their FB login credentials.

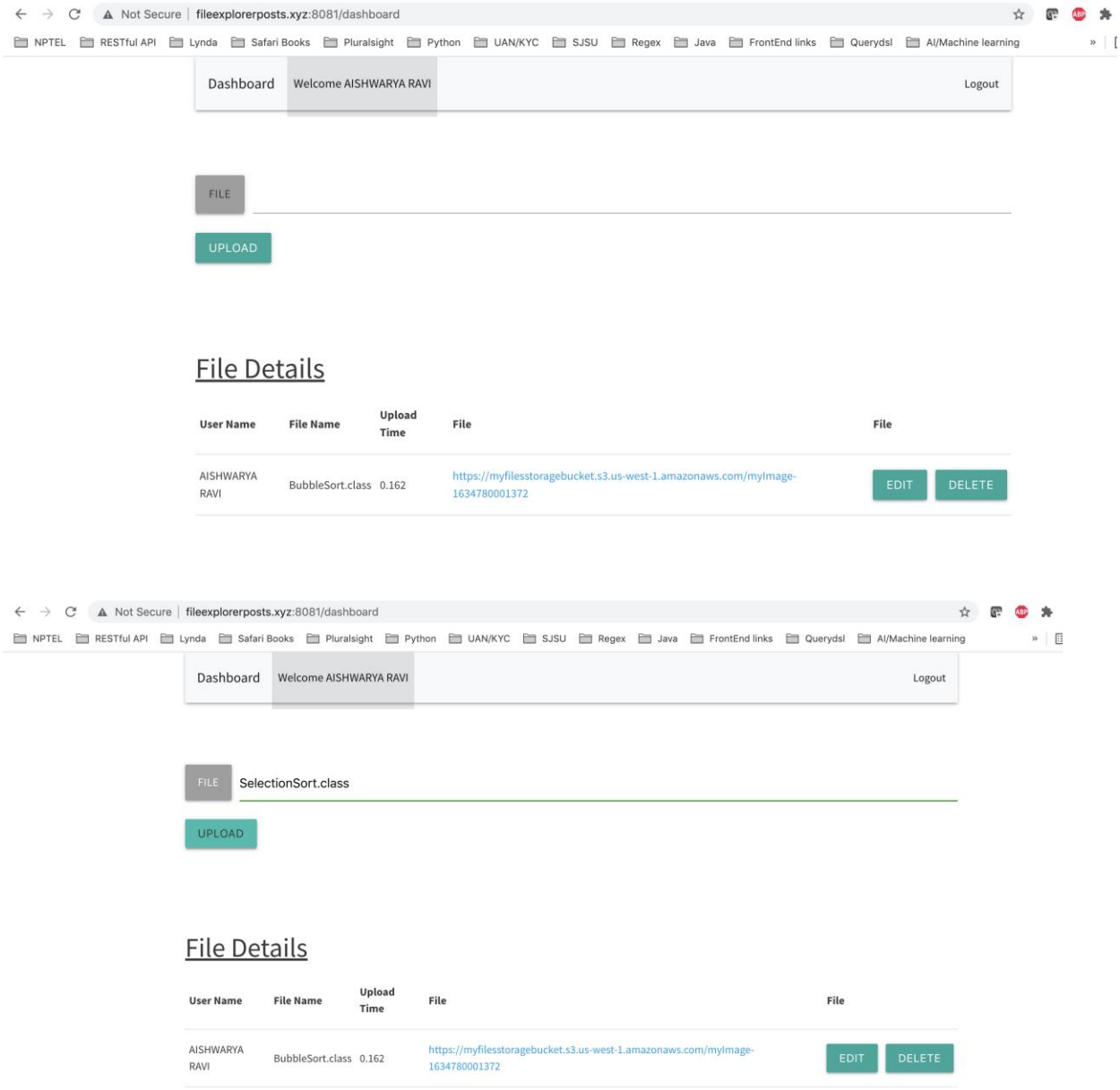


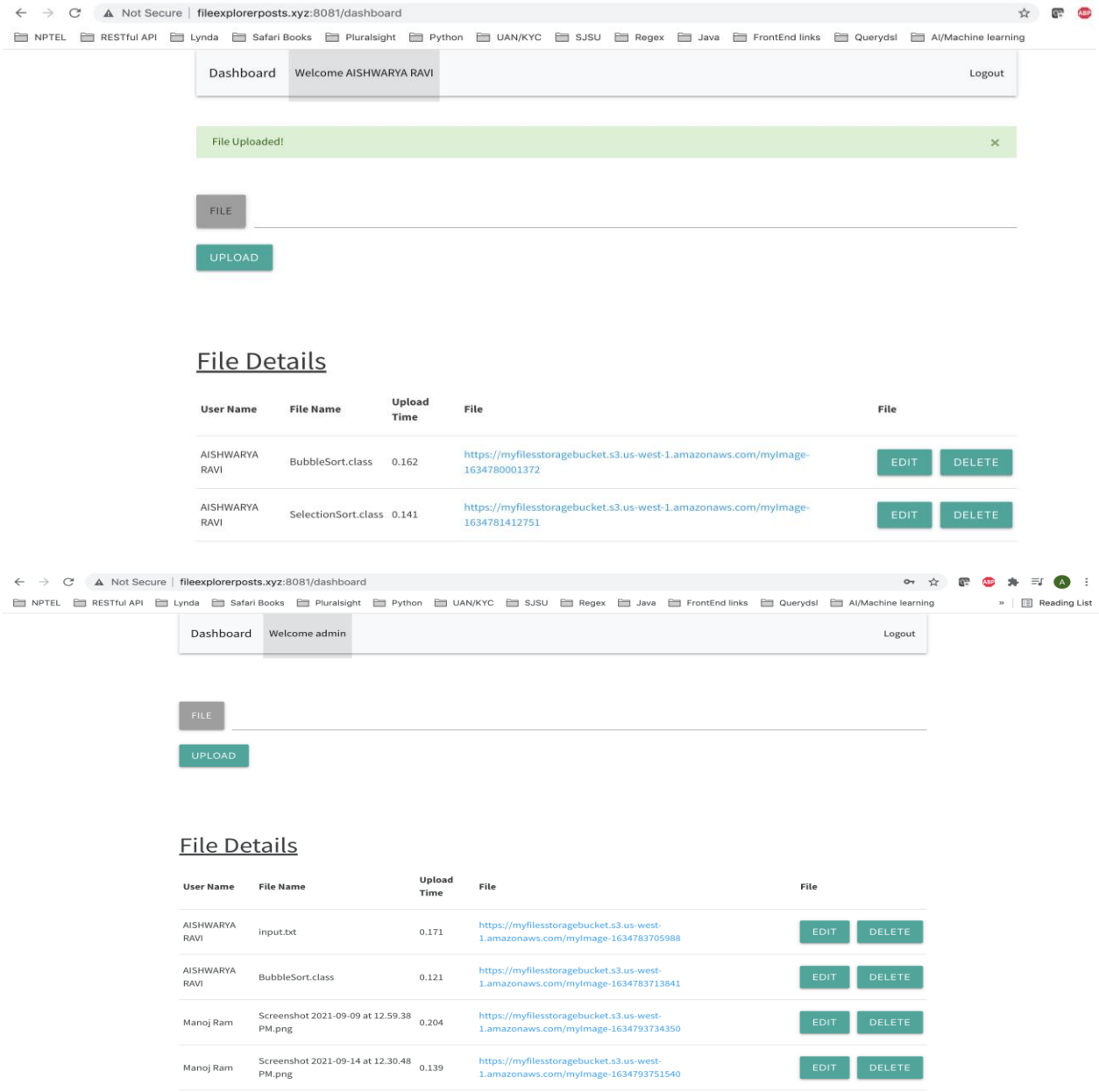
File Upload

5 points

In the file upload screen, the user will be able to see the uploaded files and details like file name, file URL, upload time, username and file updated at fields.

The users will see their corresponding files. If the user is an admin, then he/she will be able to see all users' uploaded files on their dashboard.

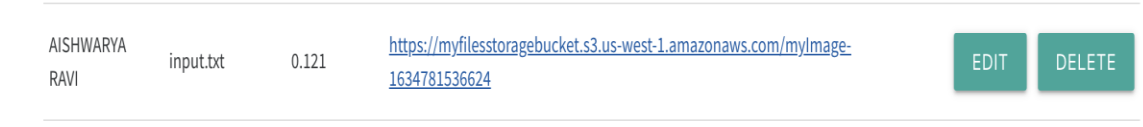


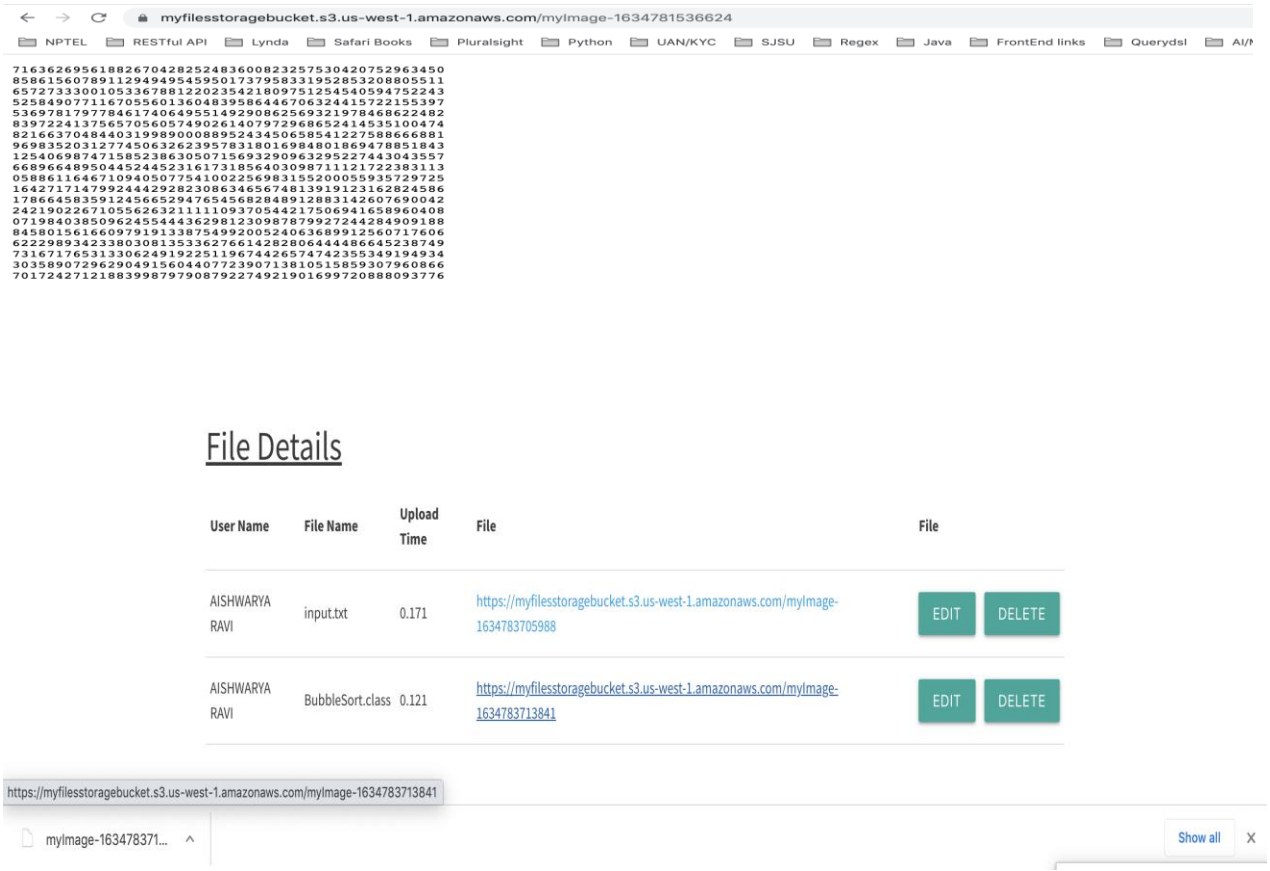


File Download

5 points

Users can go through already uploaded files list with each record having a URL to download the file.



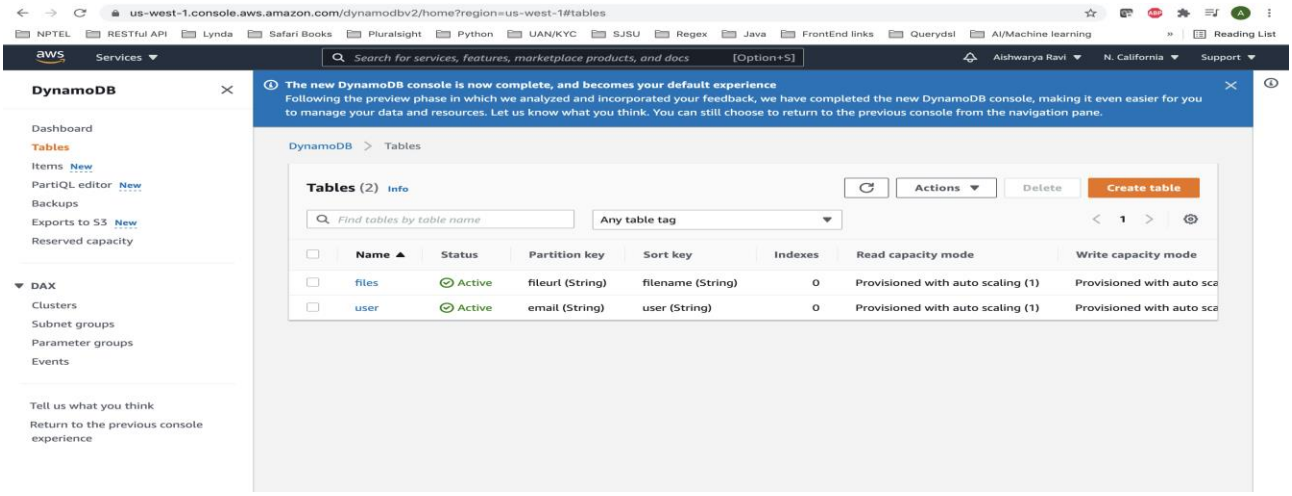


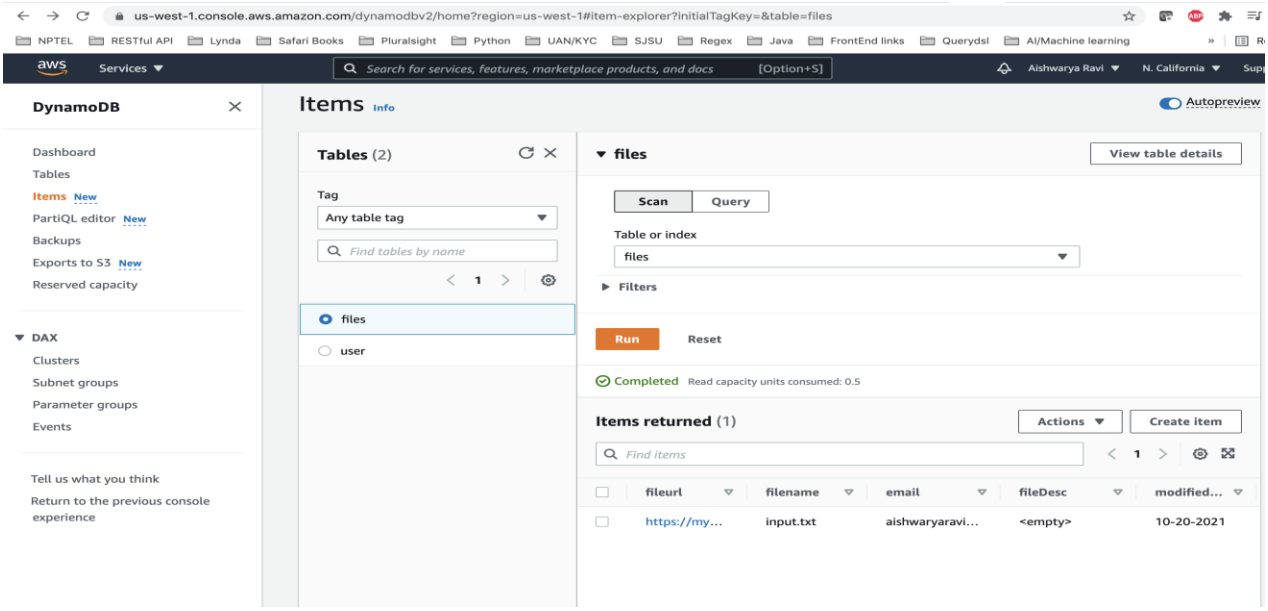
Users can download these files which they uploaded by clicking on the file URL.

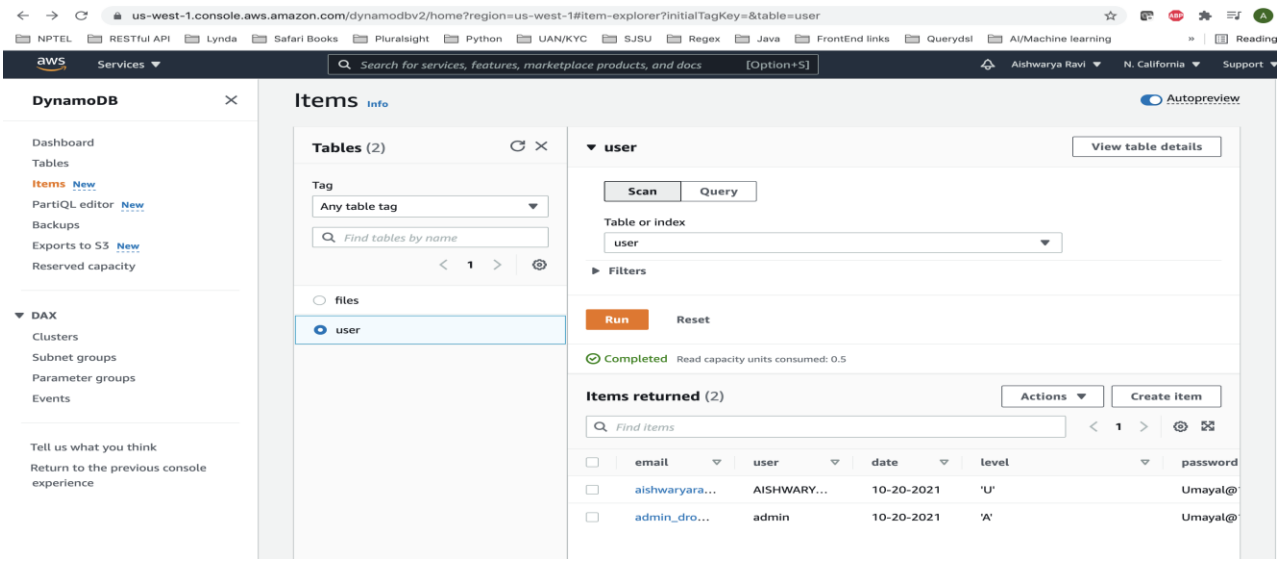
Database Updates

5 Points

I have used Amazon DynamoDB for this project. It is a NOSQL database and it helps in performing read, write, update and delete operations at ease.







File Edit

5 Points

Users can update the files already uploaded by them, they can update the file name and the file. Updated values of the files are displayed as shown below.

File Details

User Name	File Name	Upload Time	File	File
AISHWARYA RAVI	BubbleSort.class	0.162	https://myfilesstoragebucket.s3.us-west-1.amazonaws.com/myImage-1634780001372	EDIT DELETE
AISHWARYA RAVI	SelectionSort.class	0.141	https://myfilesstoragebucket.s3.us-west-1.amazonaws.com/myImage-1634781412751	EDIT DELETE

Here Bubblesort.class record is updated as shown below. File URL is different.

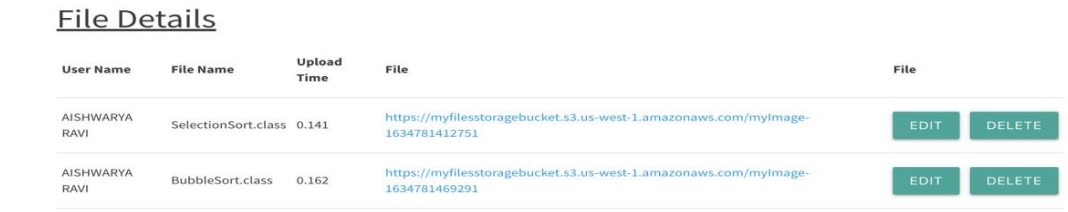
File Details

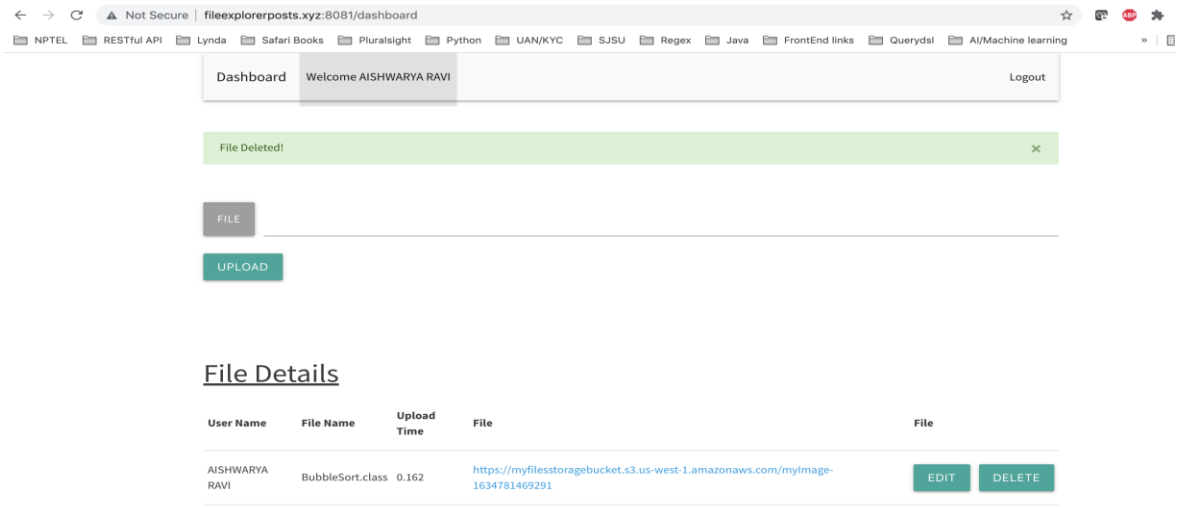
User Name	File Name	Upload Time	File	File
AISHWARYA RAVI	SelectionSort.class	0.141	https://myfilesstoragebucket.s3.us-west-1.amazonaws.com/myImage-1634781412751	EDIT DELETE
AISHWARYA RAVI	BubbleSort.class	0.162	https://myfilesstoragebucket.s3.us-west-1.amazonaws.com/myImage-1634781469291	EDIT DELETE

File Delete

5 Points

Using the delete button, users and admin can delete the files already uploaded by them.



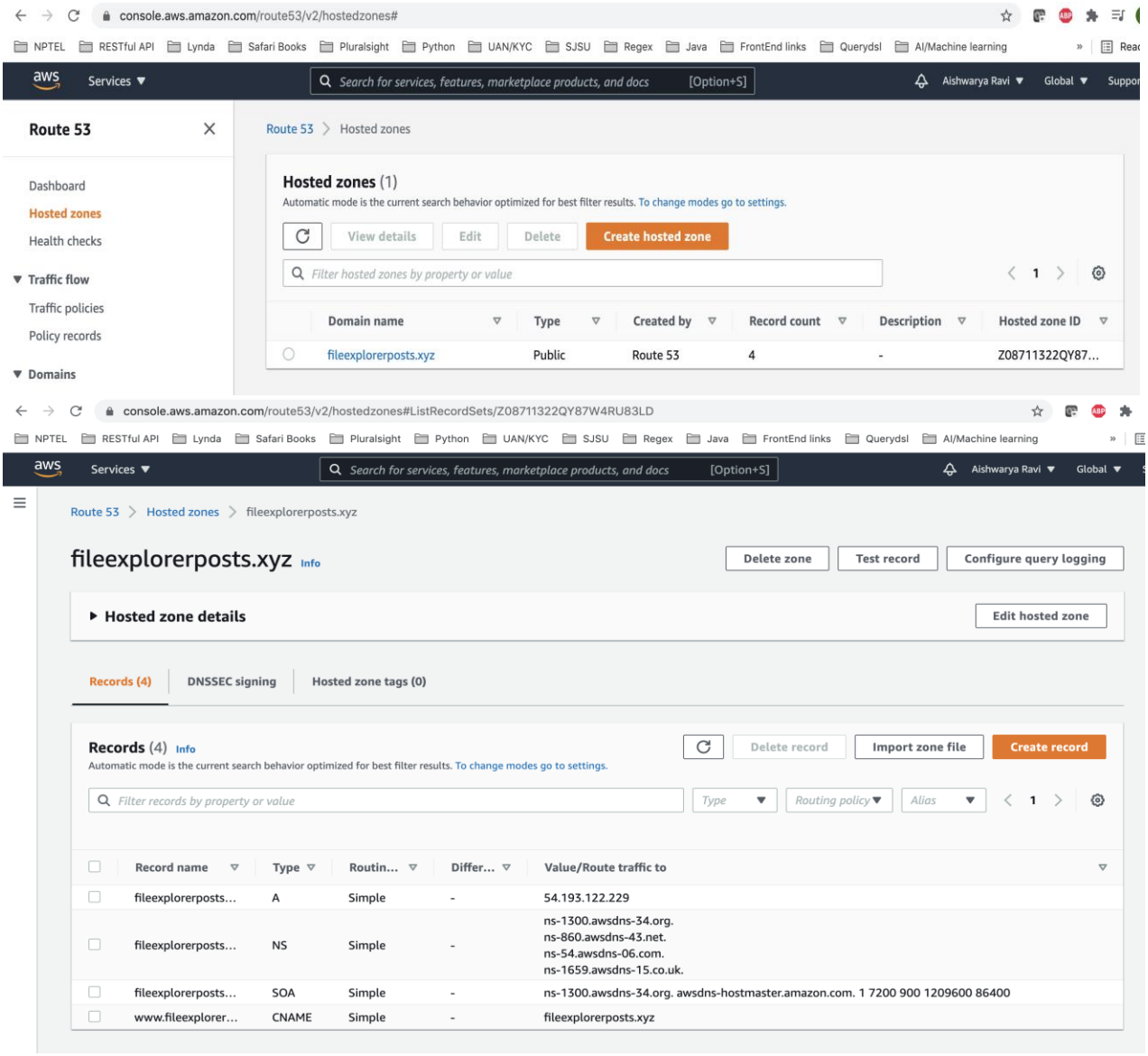


AWS Configurations and Usages

R53

5 Points

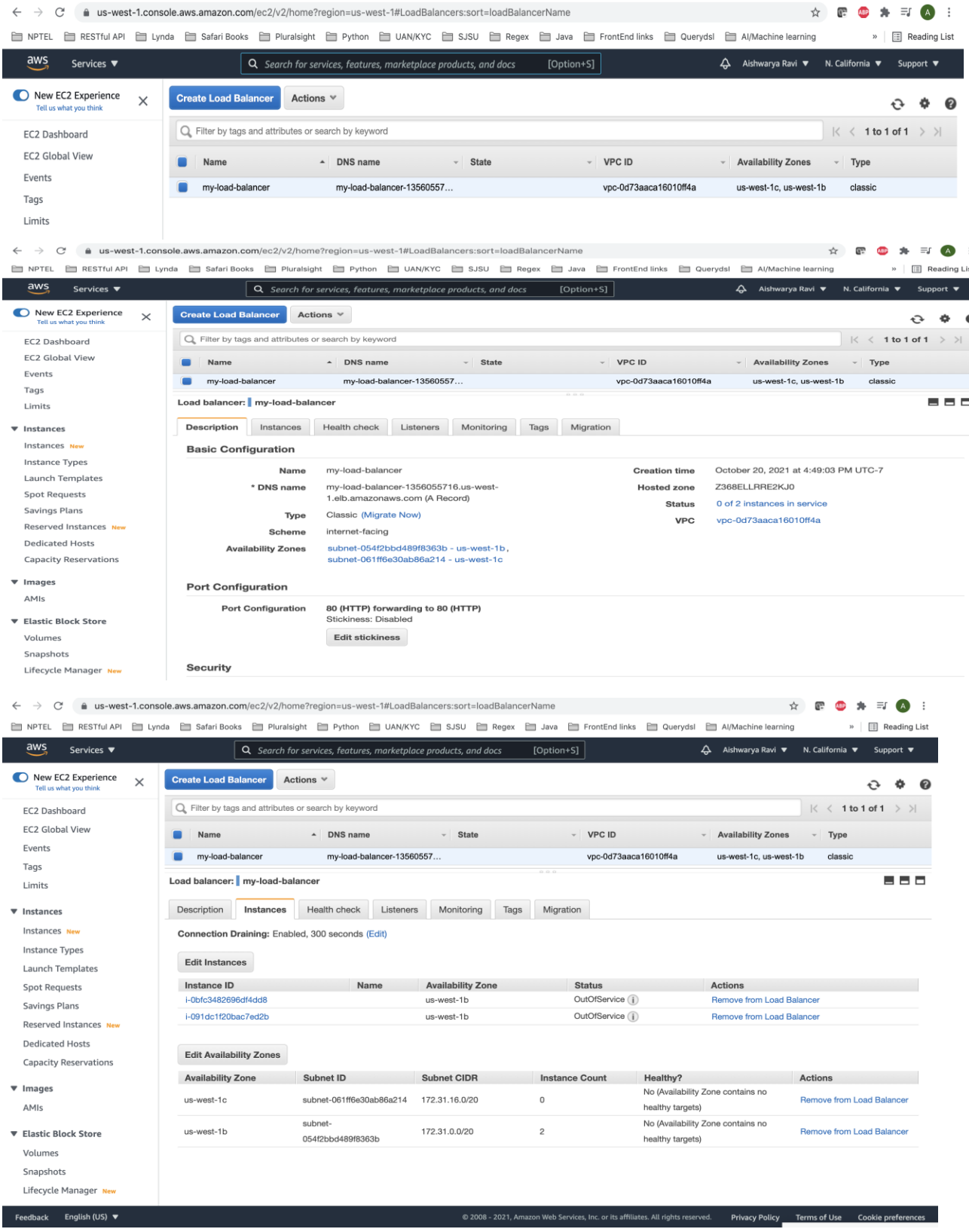
I have purchased my domain from Godaddy as it was less expensive when compared to AWS domains. After obtaining the domain(http://fileexplorerposts.xyz), I used amazon R53 to create a host zone. Records are added with the domain name from GoDaddy and public IP of EC2. Then, I added amazon nameservers to the GoDaddy account.



ELB (Elastic Load Balancer)

5 Points

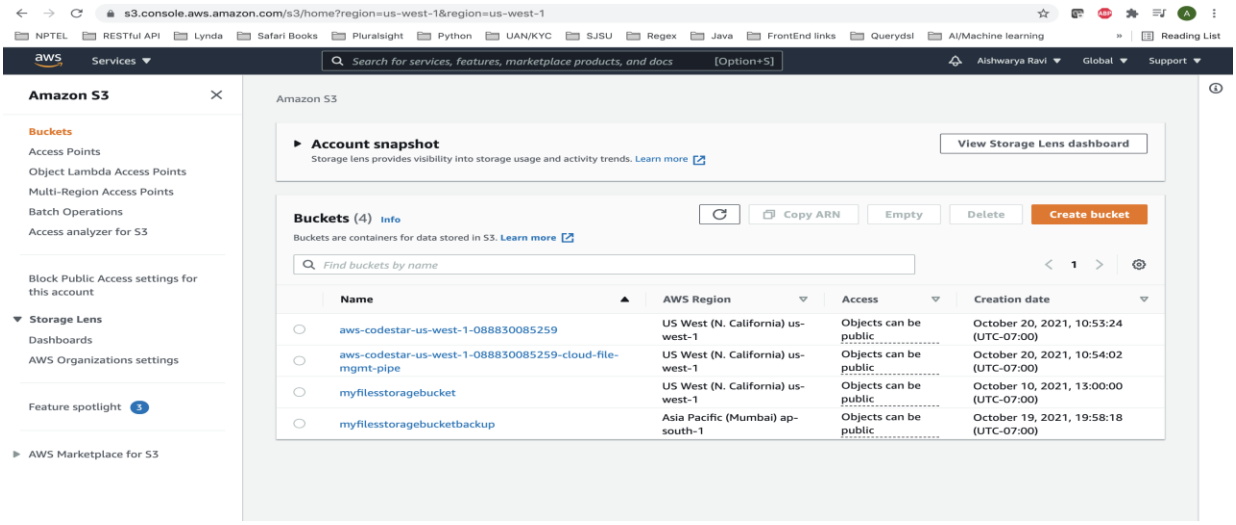
To distribute the traffic across multiple ec2 instances, I have made use of classic load balancer to which I have assigned the security groups, made health check configurations, registered load balancers for ec2 instances. These instances are present at different availability zones. The cross-zone load balancing has been enabled for these instances.

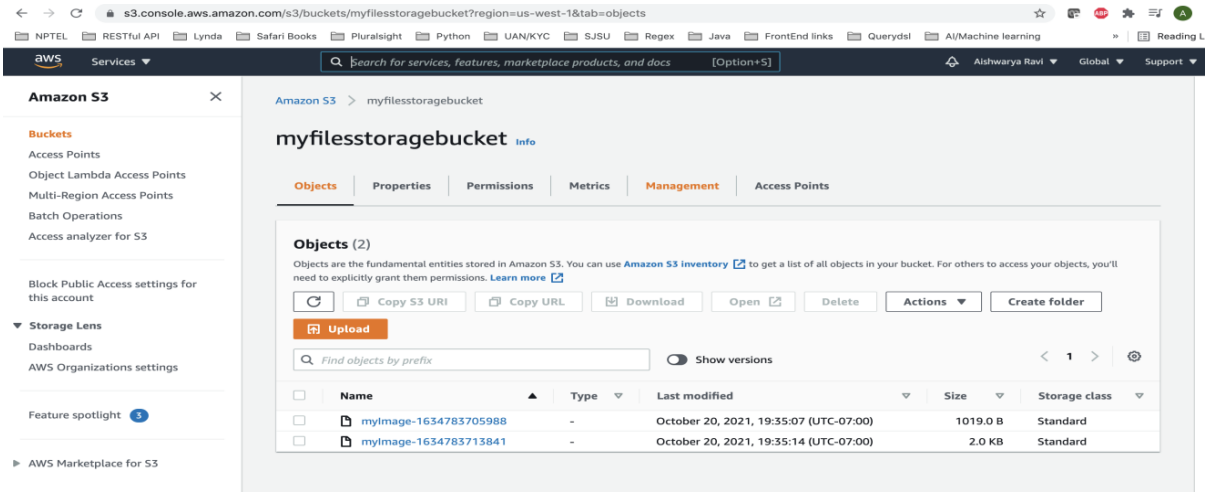


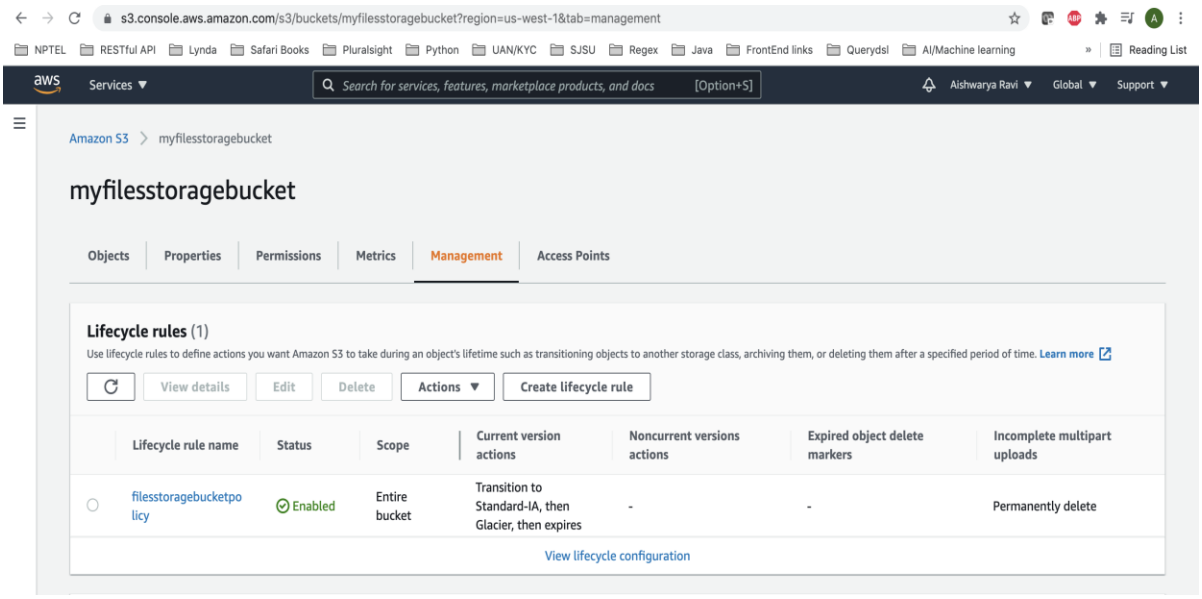
S3 Bucket and Cloud Front

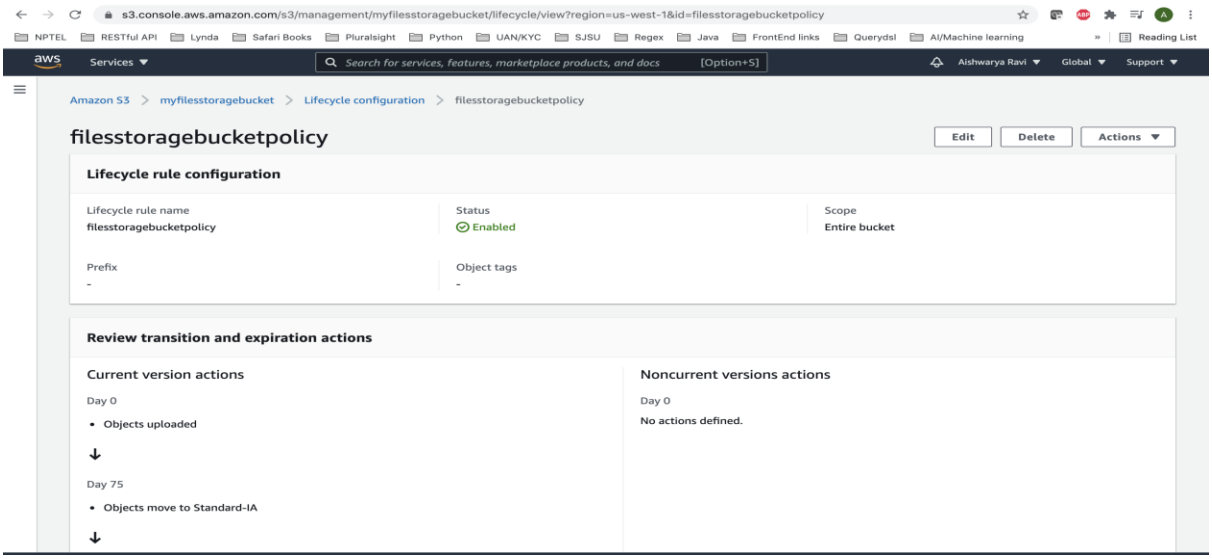
5 Points

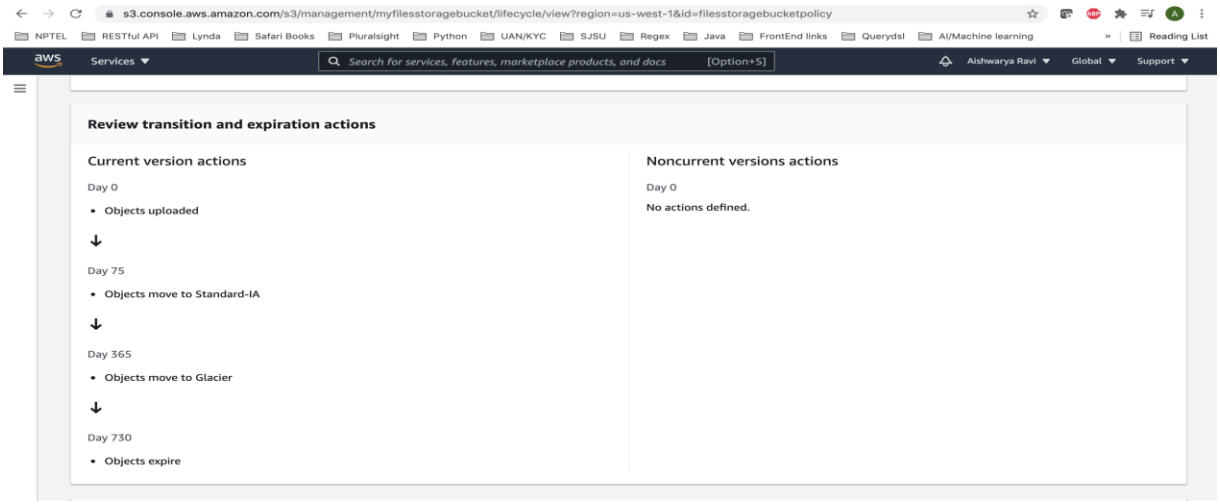
Files get uploaded to s3 bucket (Two buckets are created – primary and back up) in different AZs (US West and Asia Pacific). I have configured lifecycle policy which contains uploaded objects in Standard for first 75 days and moves it to Standard IA. Then after 365 days, moves it to Glacier and after 730 days, deletes the objects along with object markers and incomplete multipart uploads.

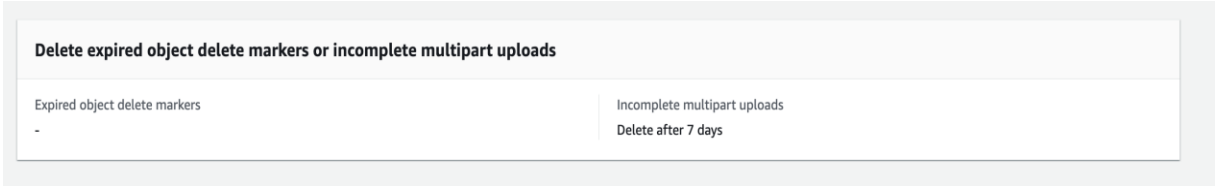





s3.console.aws.amazon.com/s3/buckets/myfilesstoragebucket?region=us-west-1&tab=management
Services
Search for services, features, marketplace products, and docs [Option+S]
Aishwarya Ravi
Global
Support
Amazon S3 > myfilesstoragebucket
myfilesstoragebucket
Objects
Properties
Permissions
Metrics
Management
Access Points
Lifecycle rules (1)
Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. Learn more
View details
Edit
Delete
Actions
Create lifecycle rule
Lifecycle rule name
Status
Scope
Current version actions
Noncurrent versions actions
Expired object delete markers
Incomplete multipart uploads
filesstoragebucketpolicy
Enabled
Entire bucket
Transition to Standard-IA, then Glacier, then expires
-
-
Permanently delete
View lifecycle configuration

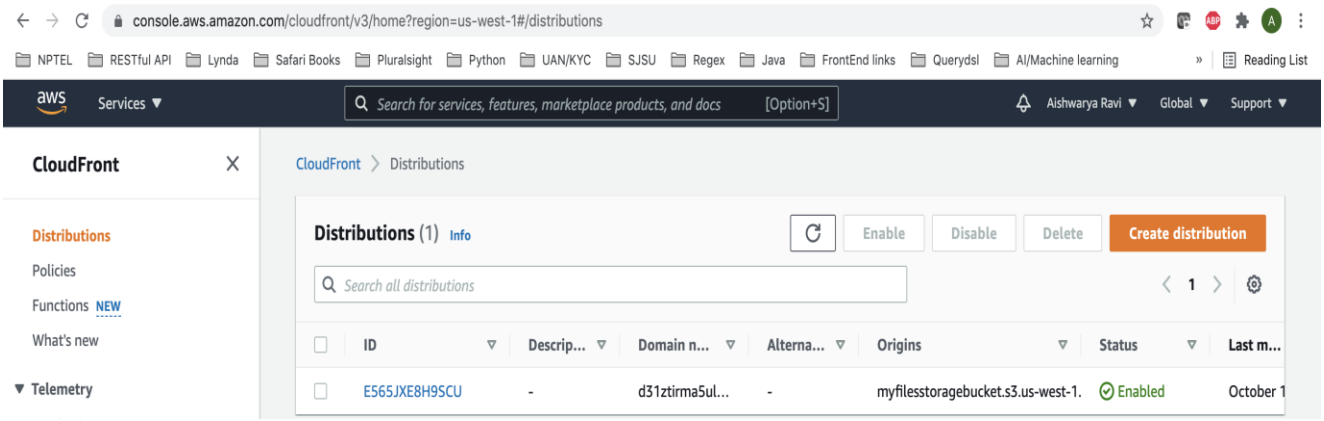

s3.console.aws.amazon.com/s3/management/myfilesstoragebucket/lifecycle/view?region=us-west-1&id=filesstoragebucketpolicy
Services
Search for services, features, marketplace products, and docs [Option+S]
Aishwarya Ravi
Global
Support
Amazon S3 > myfilesstoragebucket > Lifecycle configuration > filesstoragebucketpolicy
filesstoragebucketpolicy
Edit
Delete
Actions
Lifecycle rule configuration
Lifecycle rule name
filesstoragebucketpolicy
Status
Enabled
Scope
Entire bucket
Prefix
-
Object tags
-
Review transition and expiration actions
Current version actions
Day 0
Objects uploaded
Day 75
Objects move to Standard-IA
Noncurrent versions actions
Day 0
No actions defined.

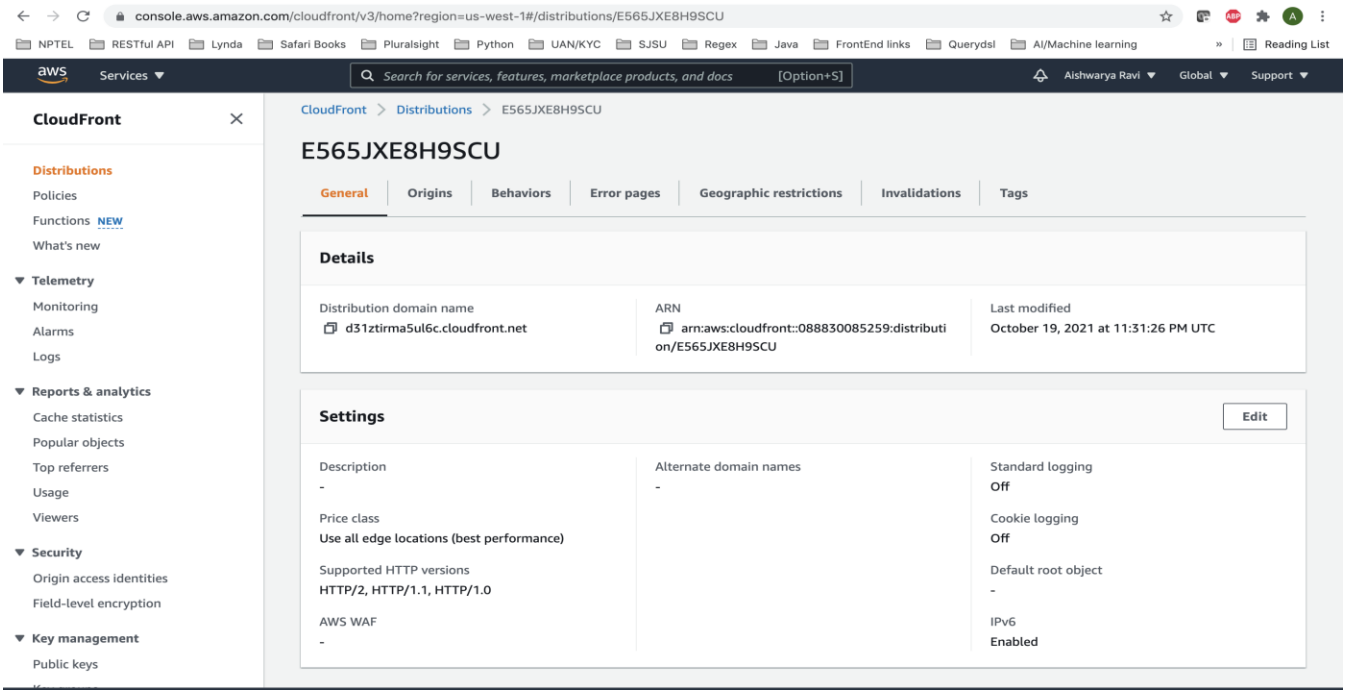


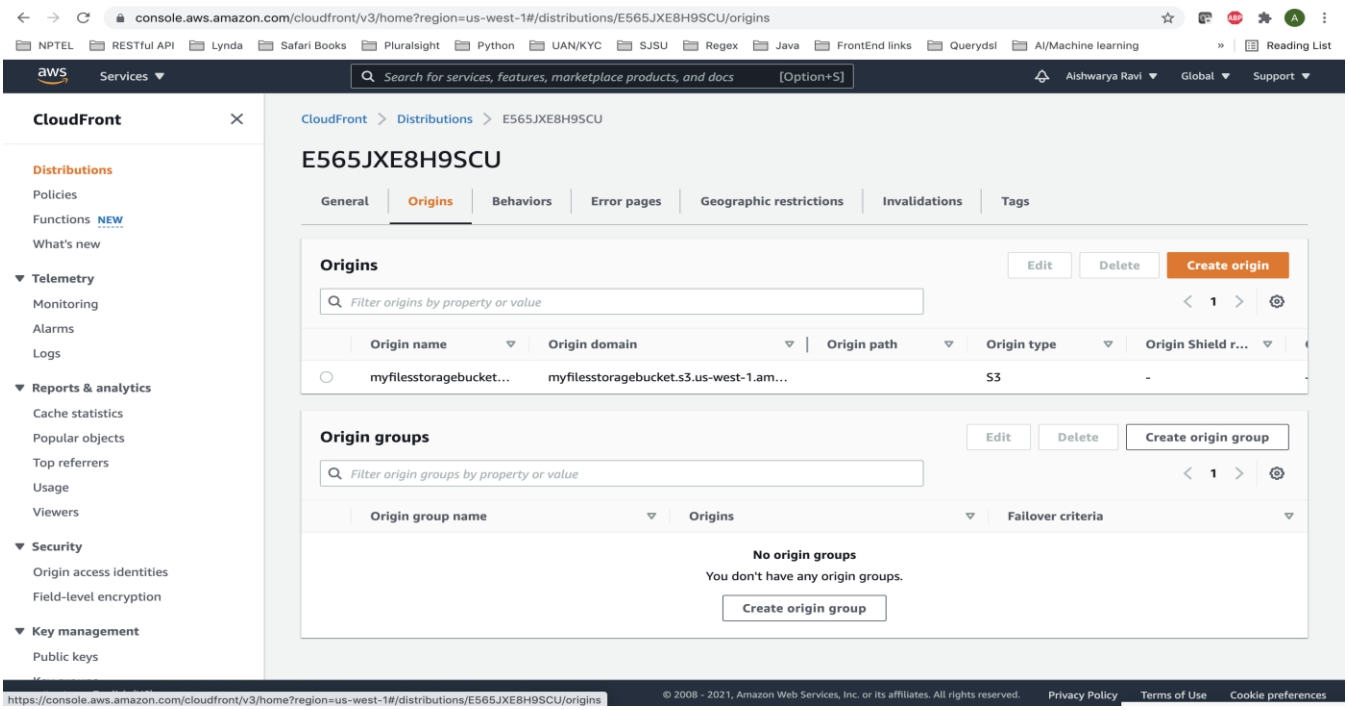


Cloud Front

Cloud front has been used to reduce latency & reliability as it serves from edge locations. It also enables transfer acceleration from s3 bucket.



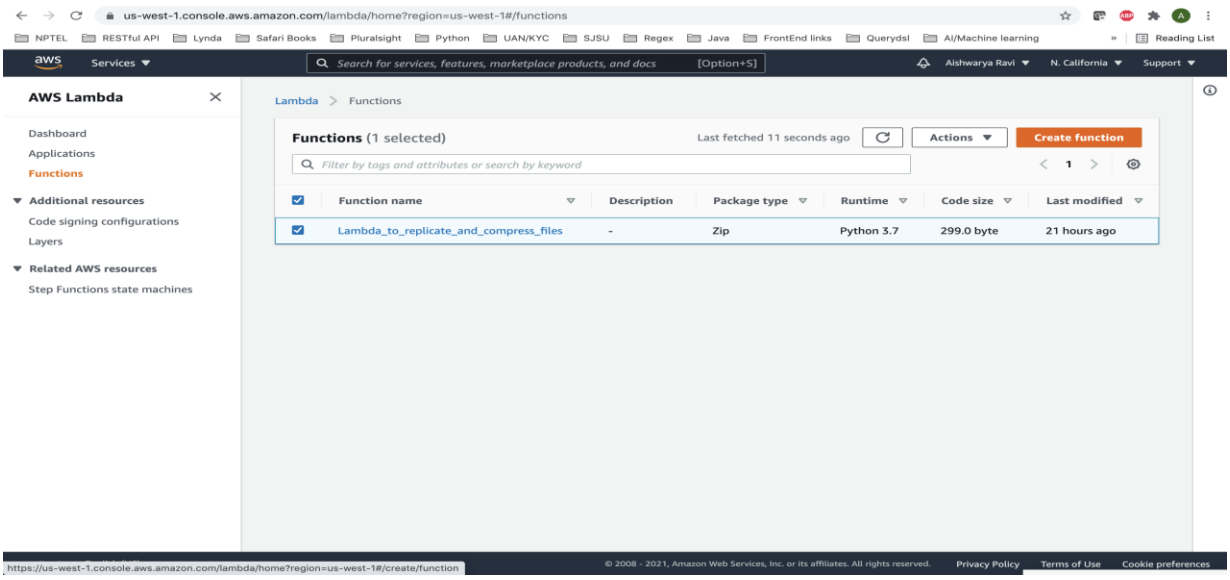


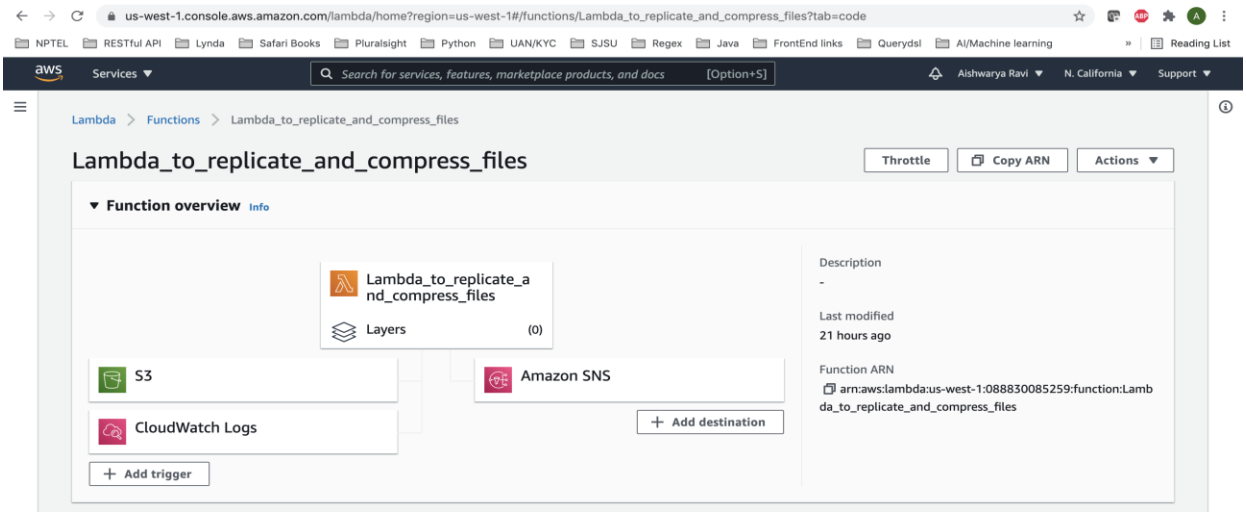


Lambda

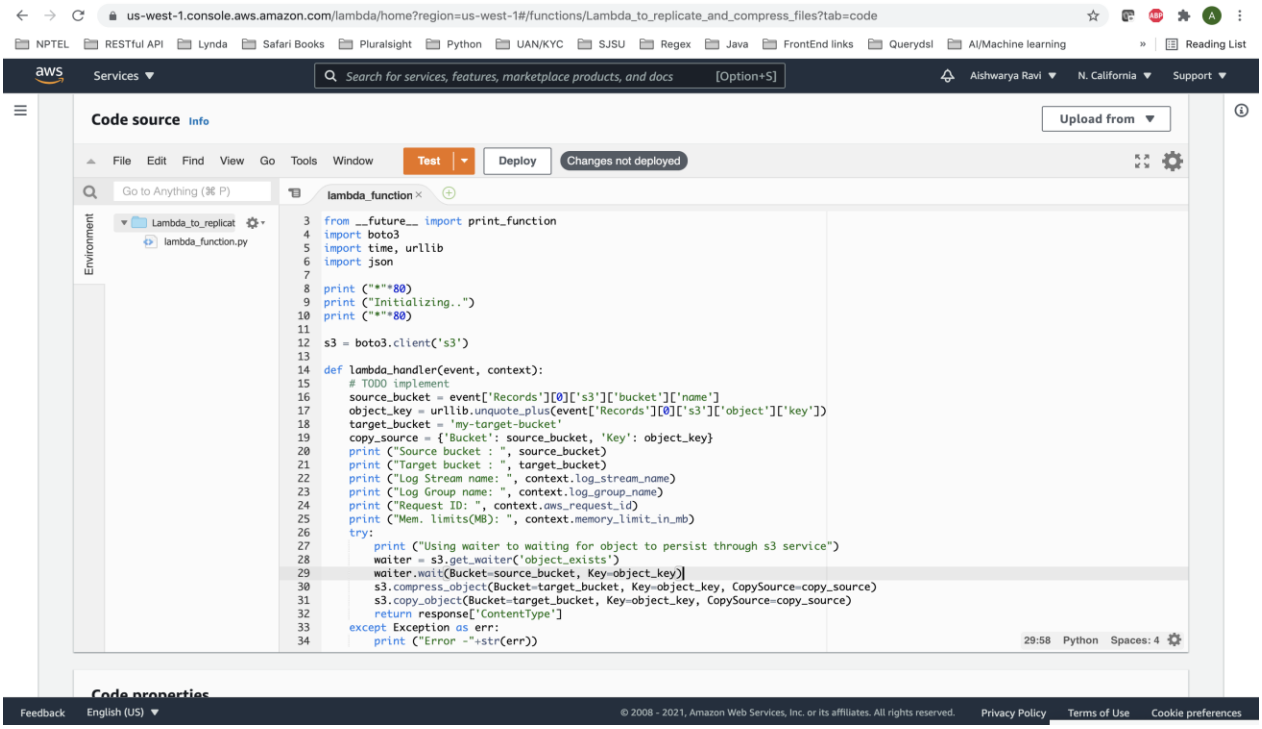
5 Points

I have used AWS lambda function for file compression and replication to S3 bucket, whenever the push event to S3 bucket happens. It helps ensure less storage space and also provides backup option.





I have written the lambda function in python to replicate and compress files to back up s3 bucket.

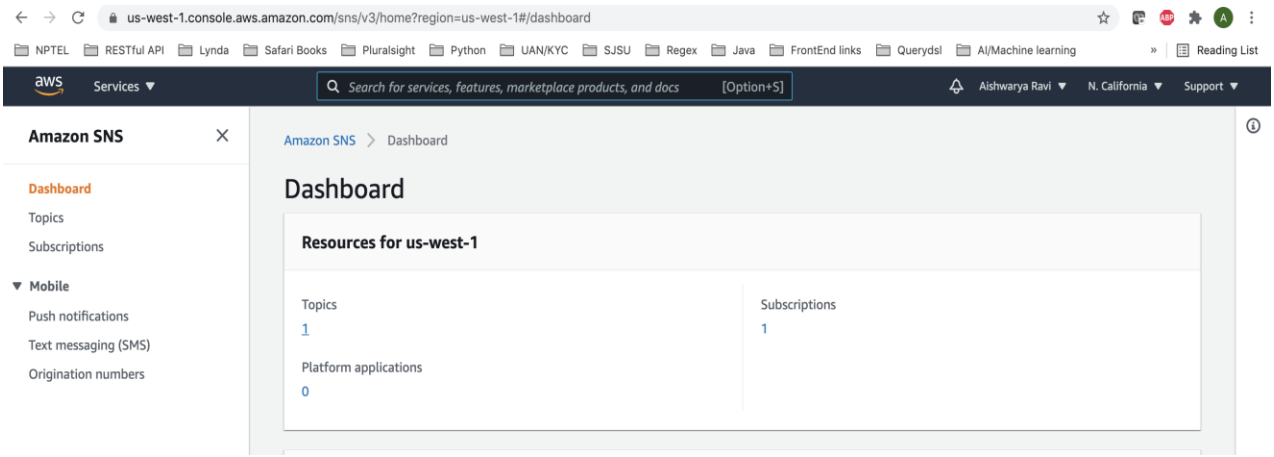


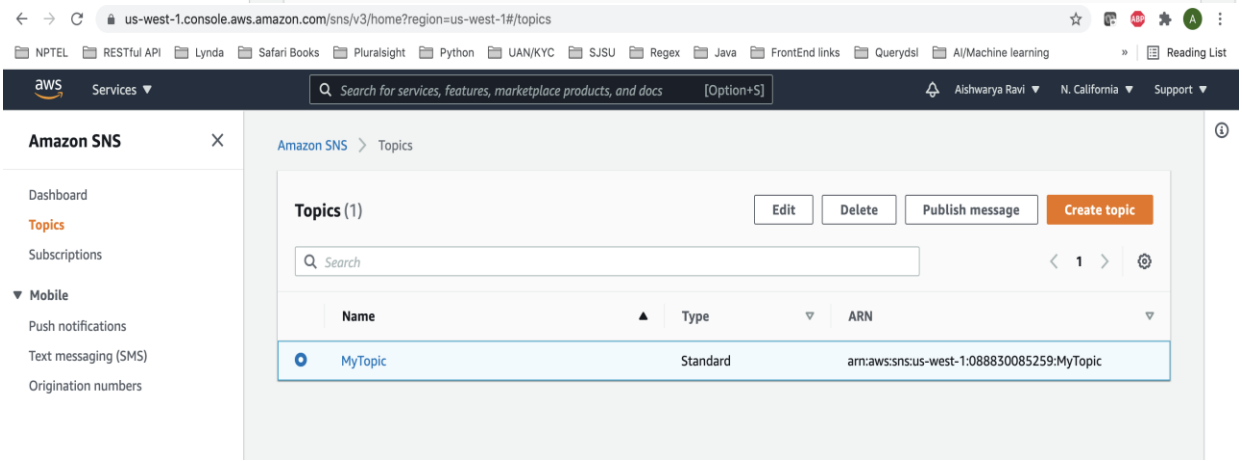
SNS, CloudWatch

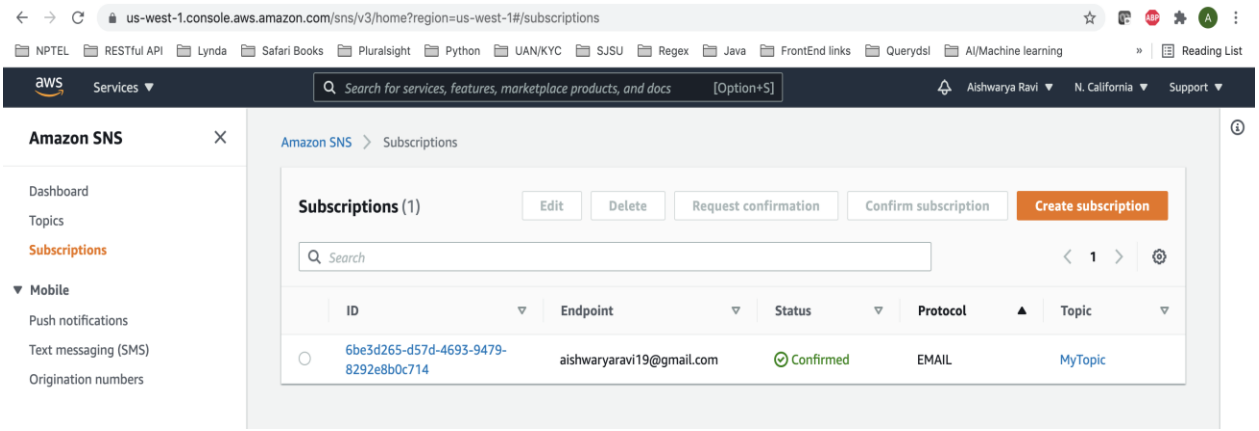
5 Points

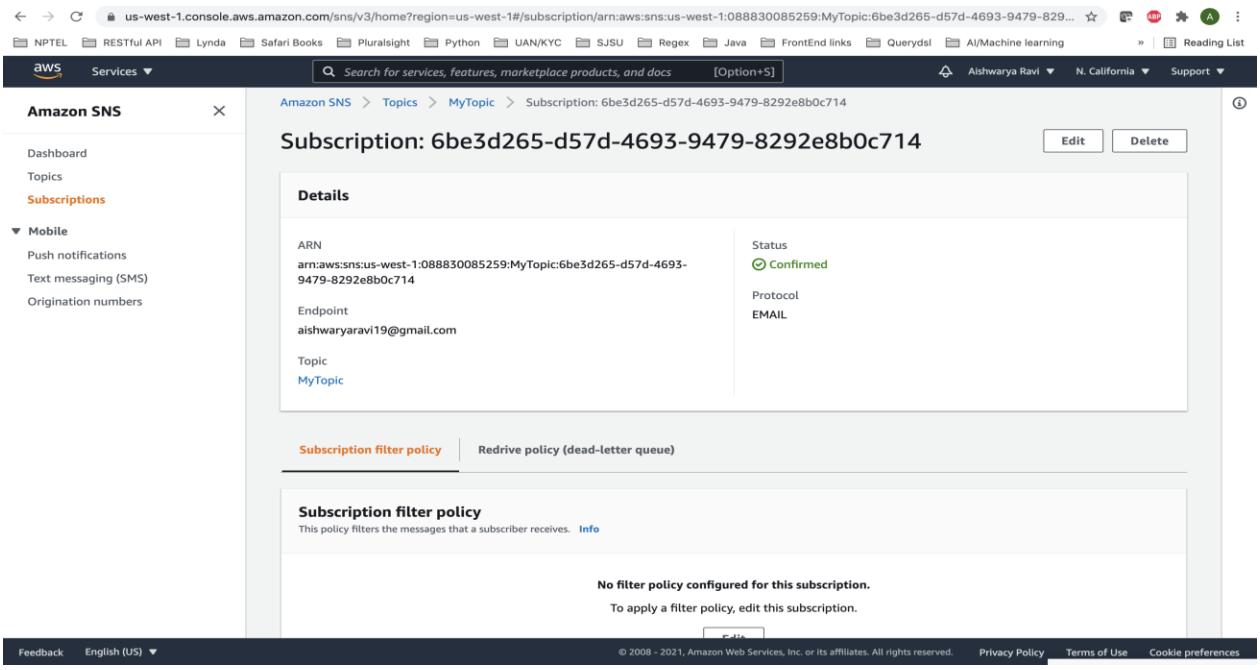
SNS:

Whenever lambda function fails to compress and replicate files to back-up s3 bucket, SNS event is triggered and email notification is sent to the user. I have configured a topic and a subscription and given my email address for the same.


us-west-1.console.aws.amazon.com/sns/v3/home?region=us-west-1#/dashboard
Services
Search for services, features, marketplace products, and docs [Option+S]
Aishwarya Ravi
N. California
Support
Amazon SNS
Dashboard
Topics
Subscriptions
Mobile
Push notifications
Text messaging (SMS)
Origination numbers
Amazon SNS > Dashboard
Dashboard
Resources for us-west-1
Topics
1
Platform applications
0
Subscriptions
1

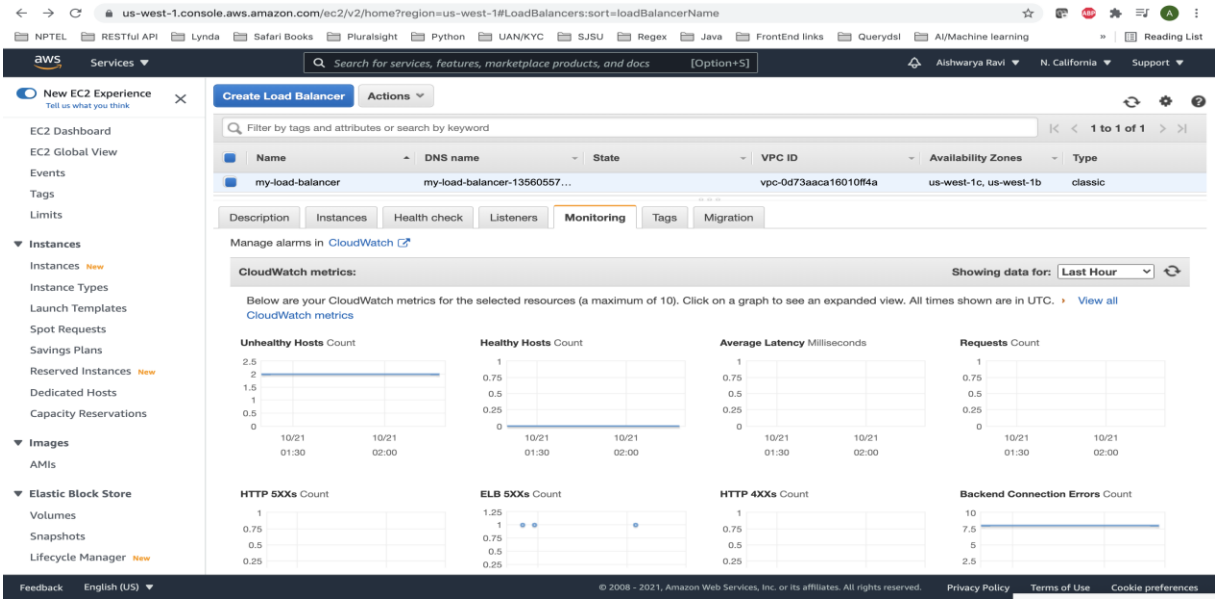

us-west-1.console.aws.amazon.com/sns/v3/home?region=us-west-1#/topics
Amazon SNS > Topics
Topics (1)
Edit
Delete
Publish message
Create topic
Search
Name
Type
ARN
MyTopic
Standard
arn:aws:sns:us-west-1:088830085259:MyTopic

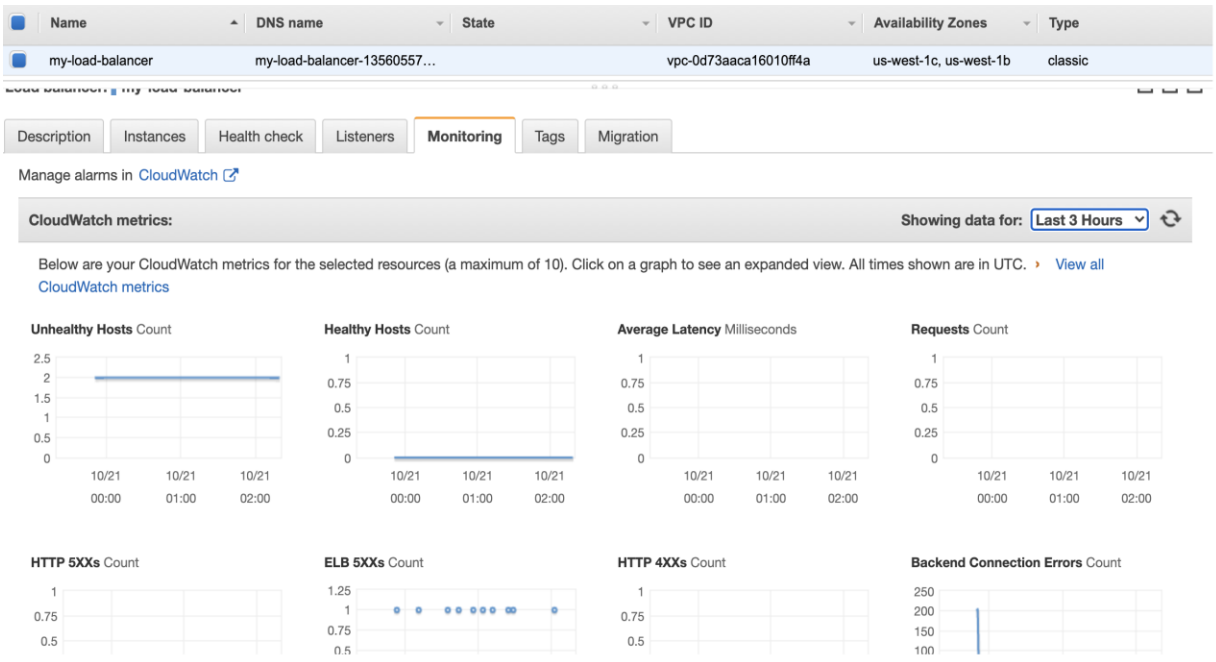

us-west-1.console.aws.amazon.com/sns/v3/home?region=us-west-1#/subscriptions
Amazon SNS > Subscriptions
Subscriptions (1)
Edit
Delete
Request confirmation
Confirm subscription
Create subscription
Search
ID
Endpoint
Status
Protocol
Topic
6be3d265-d57d-4693-9479-8292e8b0c714
aishwaryaravi19@gmail.com
Confirmed
EMAIL
MyTopic

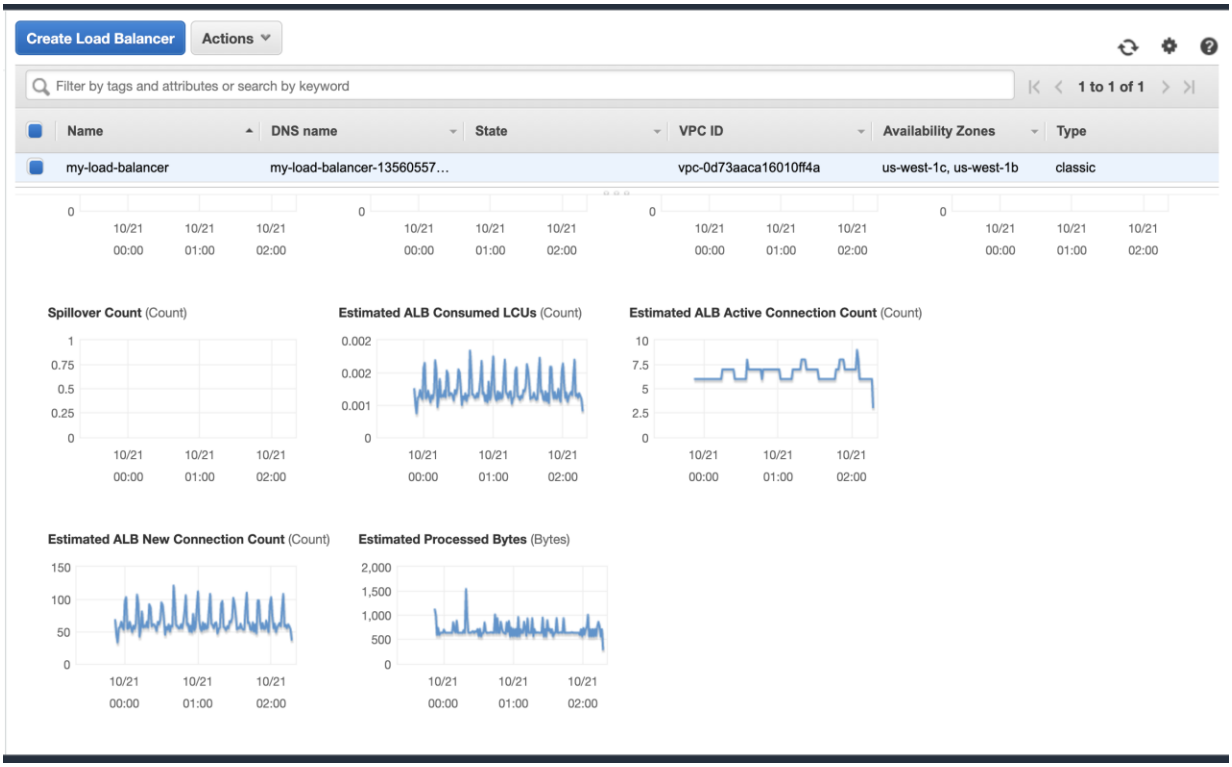


Cloud Watch:

Cloud watch metrics are used for various purposes like knowing Memory Consumption, CPU Utilization and requests from varied time intervals. I have integrated my S3 and lambda with cloud watch which provide me real time statics



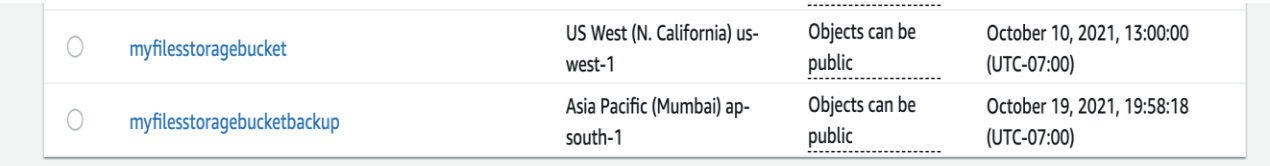

Name
DNS name
State
VPC ID
Availability Zones
Type
my-load-balancer
my-load-balancer-13560557…
vpc-0d73aaca16010ff4a
us-west-1c, us-west-1b
classic
Description
Instances
Health check
Listeners
Monitoring
Tags
Migration
Manage alarms in CloudWatch
CloudWatch metrics:
Showing data for: Last 3 Hours
Below are your CloudWatch metrics for the selected resources (a maximum of 10). Click on a graph to see an expanded view. All times shown are in UTC.
View all CloudWatch metrics
Unhealthy Hosts Count
Healthy Hosts Count
Average Latency Milliseconds
Requests Count
HTTP 5XXs Count
ELB 5XXs Count
HTTP 4XXs Count
Backend Connection Errors Count
10/21 00:00
10/21 01:00
10/21 02:00


Create Load Balancer
Actions
Filter by tags and attributes or search by keyword
1 to 1 of 1
Name
DNS name
State
VPC ID
Availability Zones
Type
my-load-balancer
my-load-balancer-13560557…
vpc-0d73aaca16010ff4a
us-west-1c, us-west-1b
classic
Spillover Count (Count)
Estimated ALB Consumed LCUs (Count)
Estimated ALB Active Connection Count (Count)
Estimated ALB New Connection Count (Count)
Estimated Processed Bytes (Bytes)
10/21 00:00
10/21 01:00
10/21 02:00

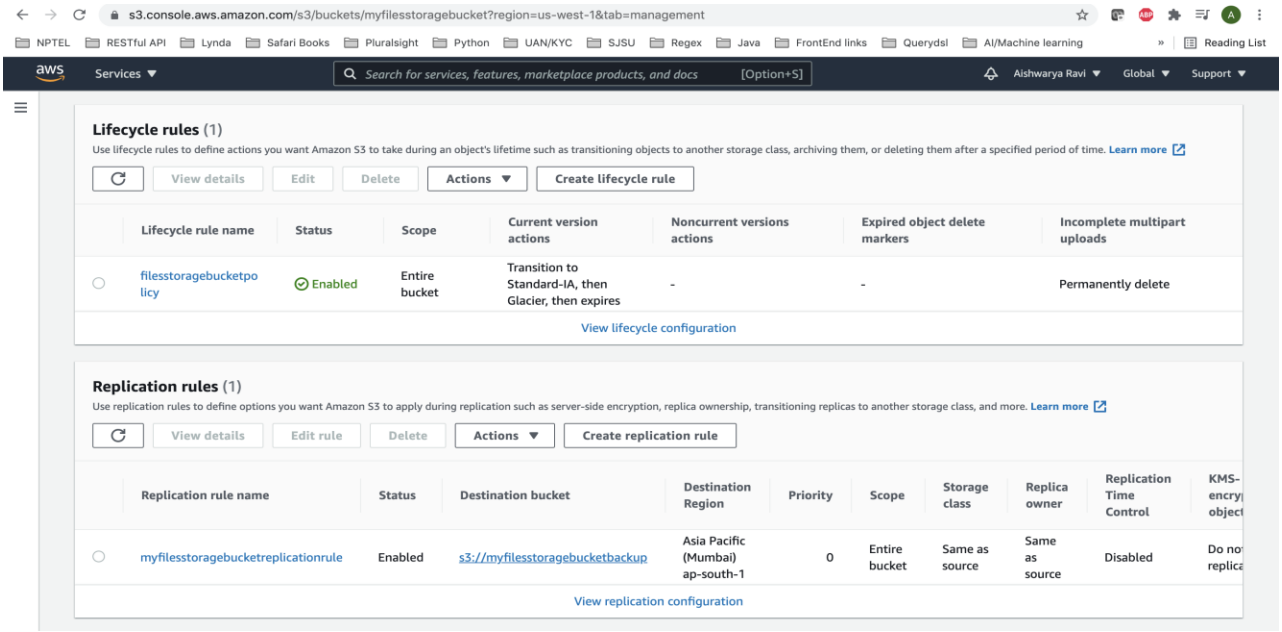
DR Measures

5 Points

Disaster recovery measures could be taken by building buckets in two different geographical locations one in US West and another in Asia Pacific. By using replication function under management, we could copy data from one region to another region.



myfilesstoragebucket	US West (N. California) us-west-1	Objects can be public	October 10, 2021, 13:00:00 (UTC-07:00)
myfilesstoragebucketbackup	Asia Pacific (Mumbai) ap-south-1	Objects can be public	October 19, 2021, 19:58:18 (UTC-07:00)



s3.console.aws.amazon.com/s3/buckets/myfilesstoragebucket?region=us-west-1&tab=management

Lifecycle rules (1)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. Learn more

View details | Edit | Delete | Actions | Create lifecycle rule

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
filesstoragebucketpolicy	Enabled	Entire bucket	Transition to Standard-IA, then Glacier, then expires	-	-	Permanently delete

View lifecycle configuration

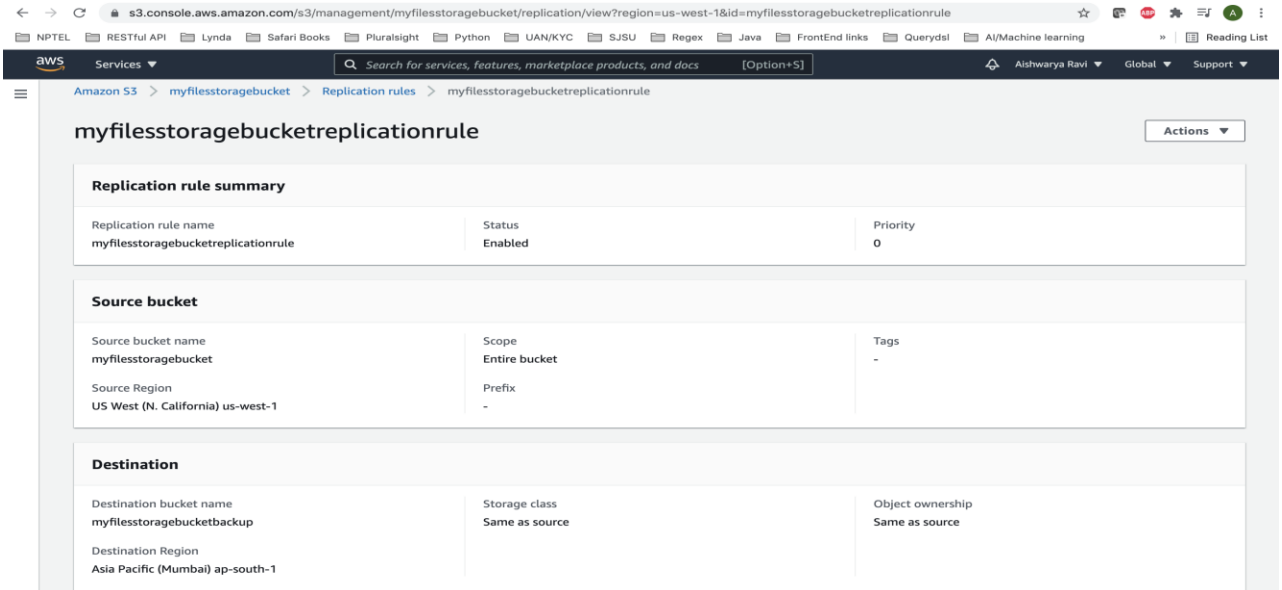
Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. Learn more

View details | Edit rule | Delete | Actions | Create replication rule

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encry... object
myfilesstoragebucketreplicationrule	Enabled	s3://myfilesstoragebucketbackup	Asia Pacific (Mumbai) ap-south-1	0	Entire bucket	Same as source	Same as source	Disabled	Do no... replica

View replication configuration



s3.console.aws.amazon.com/s3/management/myfilesstoragebucket/replication/view?region=us-west-1&id=myfilesstoragebucketreplicationrule

Amazon S3 > myfilesstoragebucket > Replication rules > myfilesstoragebucketreplicationrule

myfilesstoragebucketreplicationrule

Actions

Replication rule summary

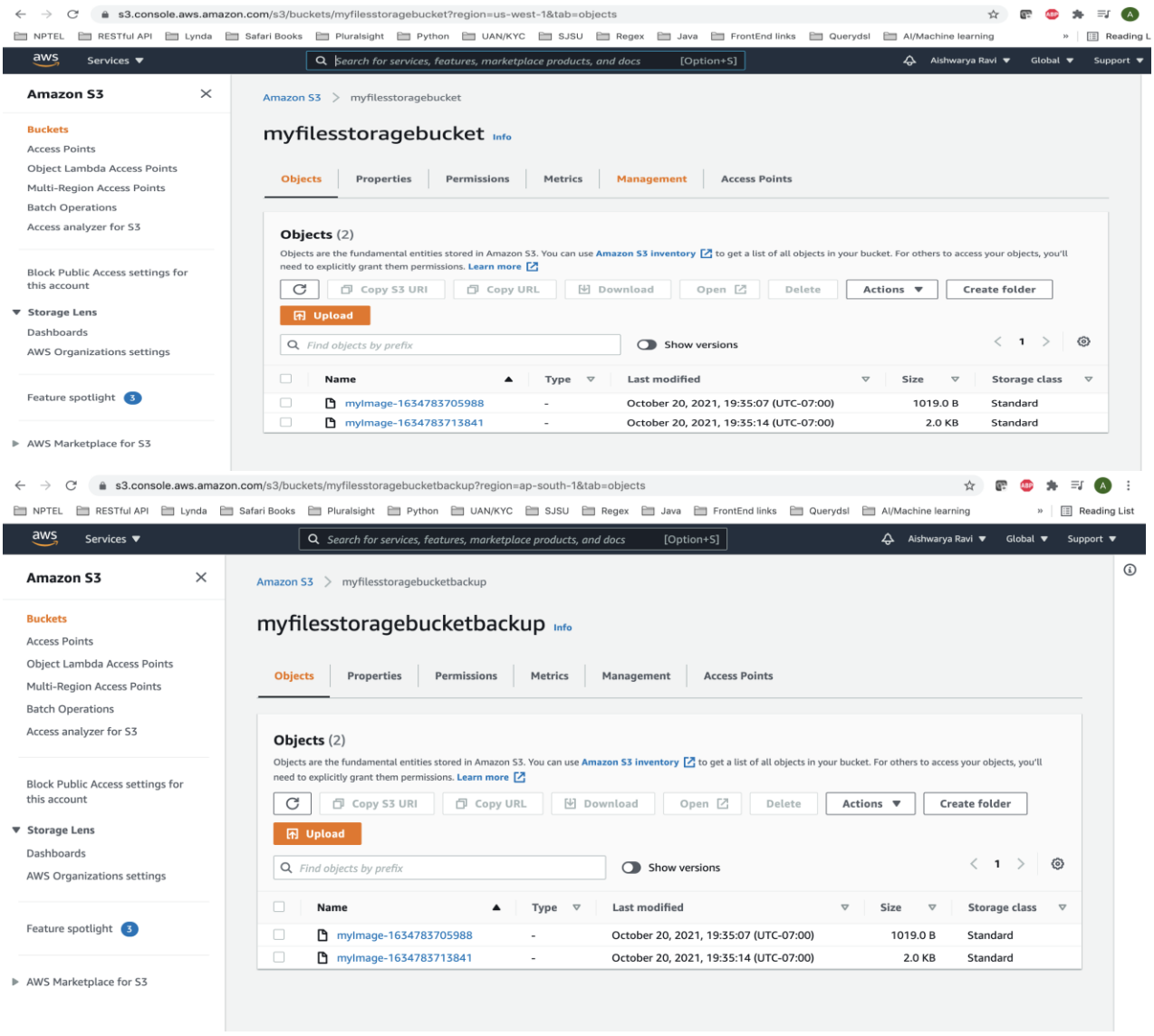
Replication rule name	Status	Priority
myfilesstoragebucketreplicationrule	Enabled	0

Source bucket

Source bucket name	Scope	Tags
myfilesstoragebucket	Entire bucket	-
Source Region	**Prefix**	
US West (N. California) us-west-1	-	

Destination

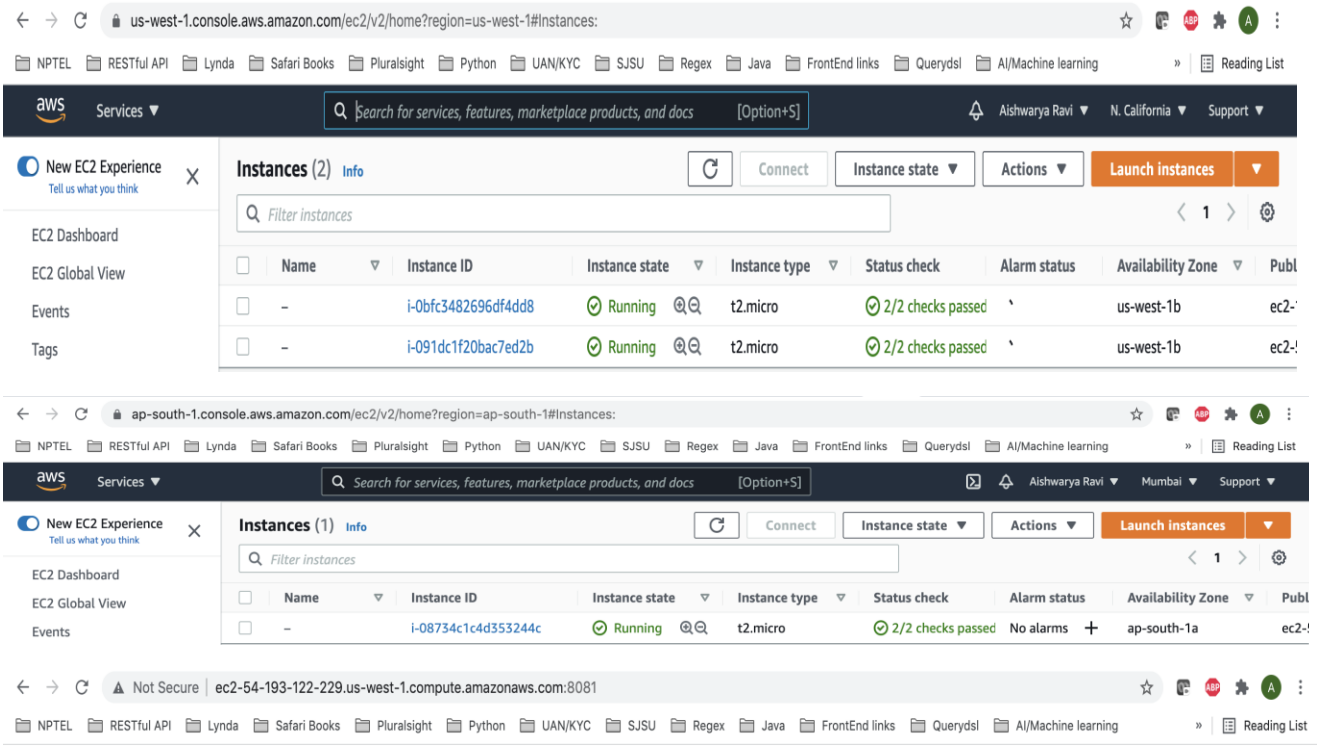
Destination bucket name	Storage class	Object ownership
myfilesstoragebucketbackup	Same as source	Same as source
Destination Region		
Asia Pacific (Mumbai) ap-south-1		

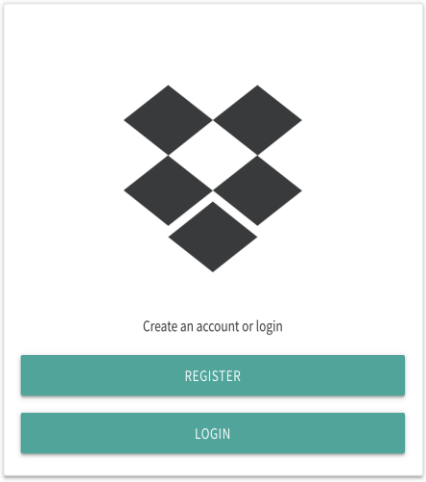


High Availability Solution (Multi AZ Replication)

5 Points

To configure AWS resources or services to be highly available, I have used dynamodb (Enabled Multi AZ), s3 buckets (Main and back up buckets), EC2 instances (Enabled in different AZs) and ELB to ensure that the EC2 traffic is spread across multiple AZs.

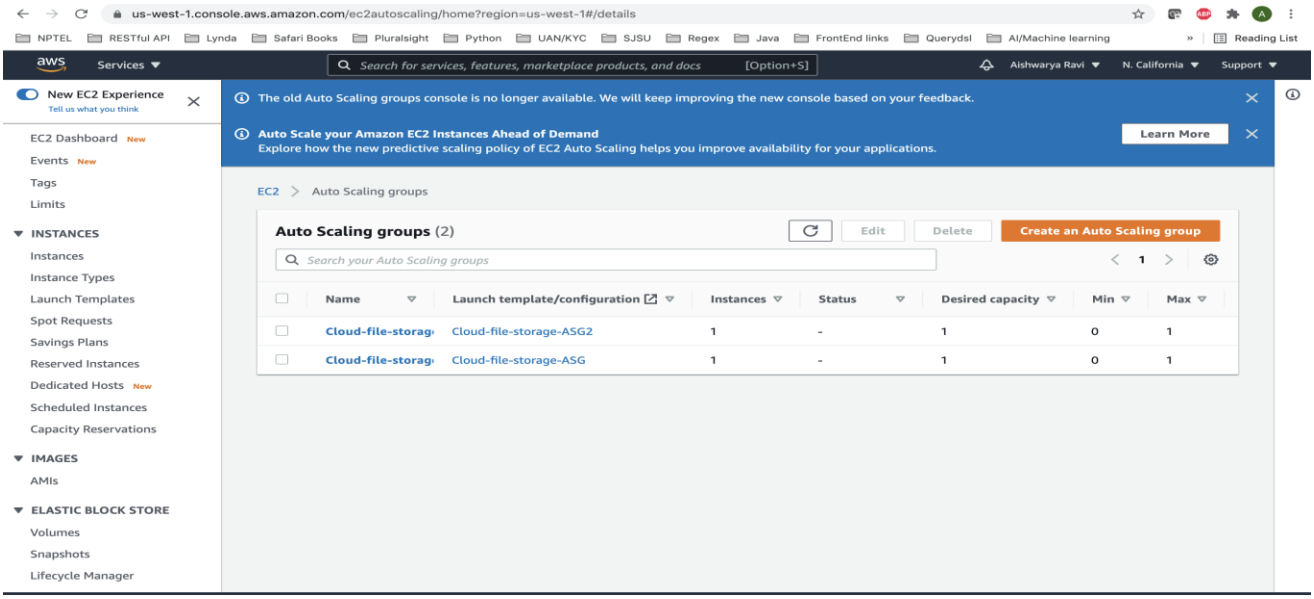




Highly Scalable (Used AutoScaling Groups)

5 Points

I have made use of Auto scaling groups for my EC2 instances for high scalability. Scale in and scale out rule has been used.


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details
NPTEL
RESTful API
Lynda
Safari Books
Pluralsight
Python
UAN/KYC
SJSU
Regex
Java
FrontEnd links
Querydsl
AI/Machine learning
Reading List
aws
Services
Search for services, features, marketplace products, and docs
[Option+S]
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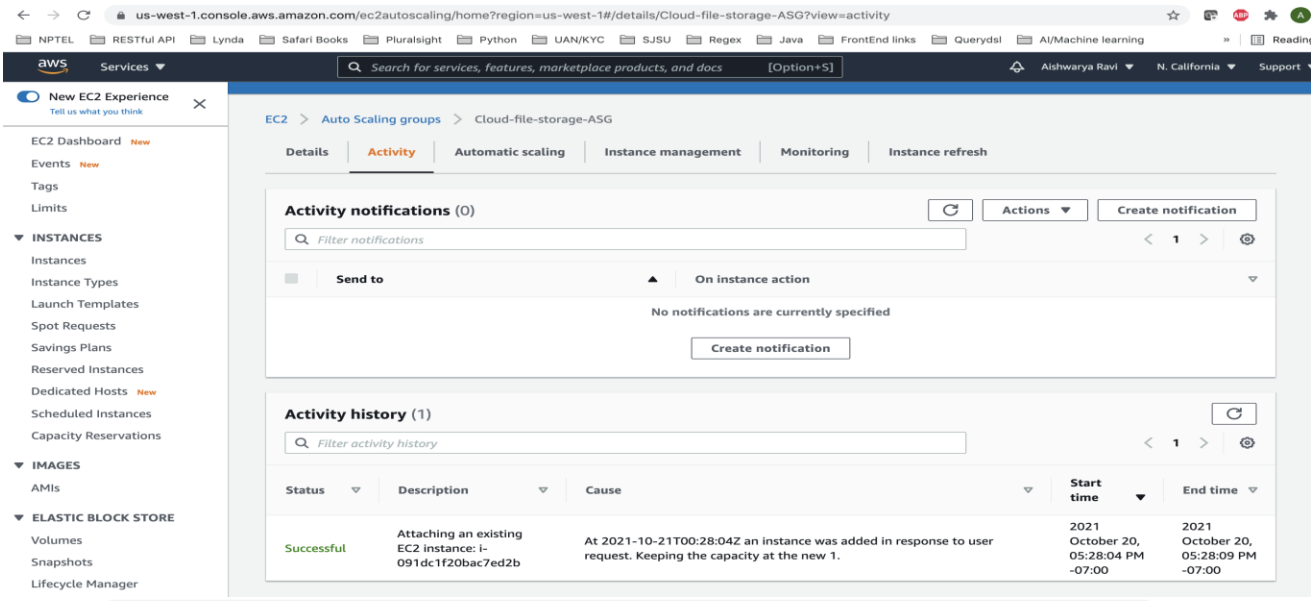
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
INSTANCES
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Scheduled Instances
Capacity Reservations
IMAGES
AMIs
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
The old Auto Scaling groups console is no longer available. We will keep improving the new console based on your feedback.
Auto Scale your Amazon EC2 Instances Ahead of Demand
Explore how the new predictive scaling policy of EC2 Auto Scaling helps you improve availability for your applications.
Learn More
EC2
Auto Scaling groups
Auto Scaling groups (2)
Edit
Delete
Create an Auto Scaling group
Search your Auto Scaling groups
1
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
Max
Cloud-file-storag
Cloud-file-storage-ASG2
1
-
1
0
1
Cloud-file-storag
Cloud-file-storage-ASG
1
-
1
0
1


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details/Cloud-file-storage-ASG?view=activity
Services
Search for services, features, marketplace products, and docs [Option+S]
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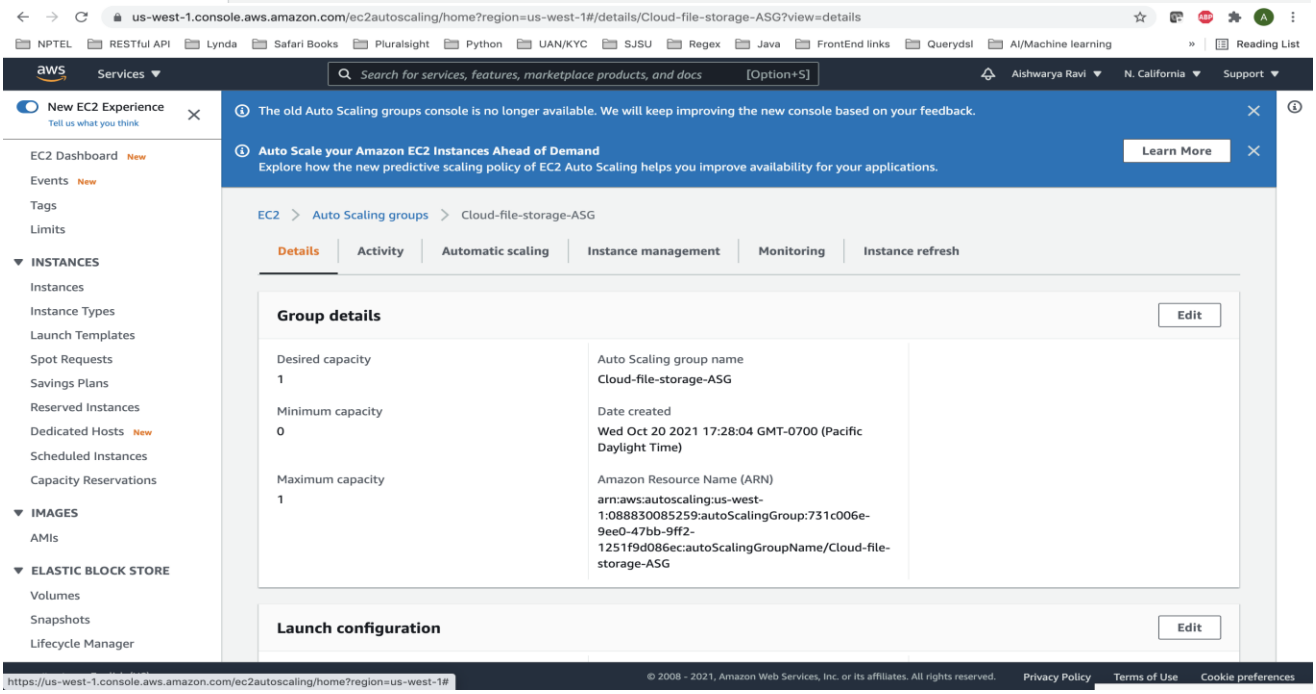
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
INSTANCES
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Scheduled Instances
Capacity Reservations
IMAGES
AMIs
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
EC2 > Auto Scaling groups > Cloud-file-storage-ASG
Details
Activity
Automatic scaling
Instance management
Monitoring
Instance refresh
Activity notifications (0)
Actions
Create notification
Filter notifications
Send to
On instance action
No notifications are currently specified
Create notification
Activity history (1)
Filter activity history
Status
Description
Cause
Start time
End time
Successful
Attaching an existing EC2 instance: i-091dc1f20bac7ed2b
At 2021-10-21T00:28:04Z an instance was added in response to user request. Keeping the capacity at the new 1.
2021 October 20, 05:28:04 PM -07:00
2021 October 20, 05:28:09 PM -07:00


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details/Cloud-file-storage-ASG?view=details
Services
Search for services, features, marketplace products, and docs [Option+S]
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Support
New EC2 Experience
Tell us what you think
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Learn More
EC2 > Auto Scaling groups > Cloud-file-storage-ASG
Details
Activity
Automatic scaling
Instance management
Monitoring
Instance refresh
Group details
Edit
Desired capacity
1
Minimum capacity
0
Maximum capacity
1
Auto Scaling group name
Cloud-file-storage-ASG
Date created
Wed Oct 20 2021 17:28:04 GMT-0700 (Pacific Daylight Time)
Amazon Resource Name (ARN)
arn:aws:autoscaling:us-west-1:088830085259:autoScalingGroup:731c006e-9ee0-47bb-9ff2-1251f9d086ec:autoScalingGroupName/Cloud-file-storage-ASG
Launch configuration
Edit
https://us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#
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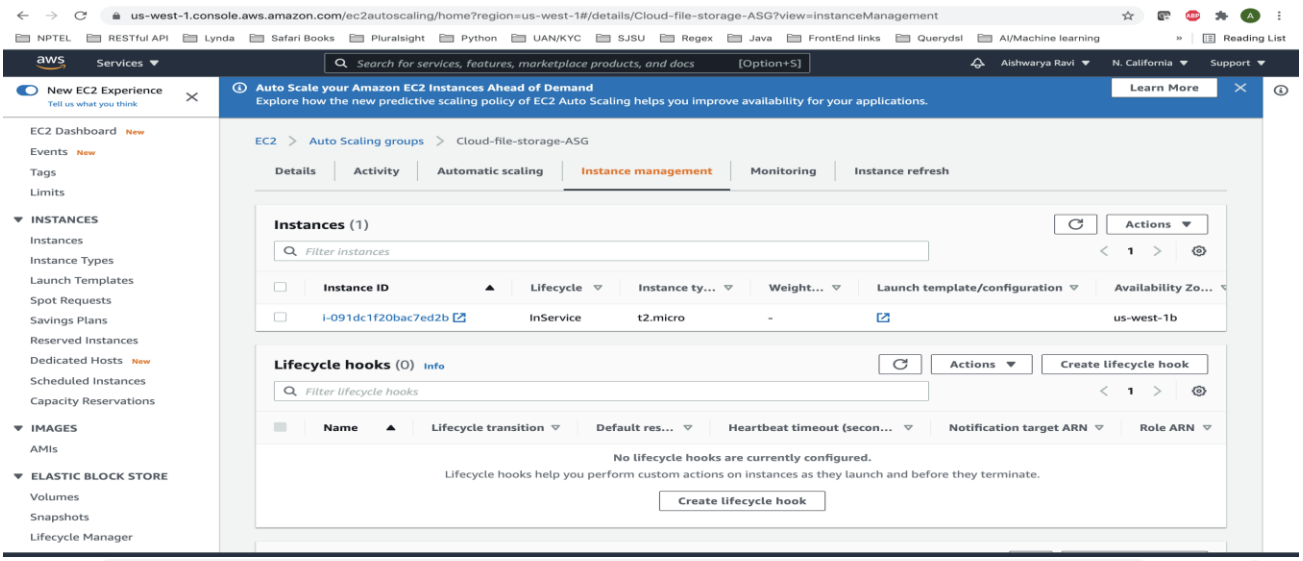
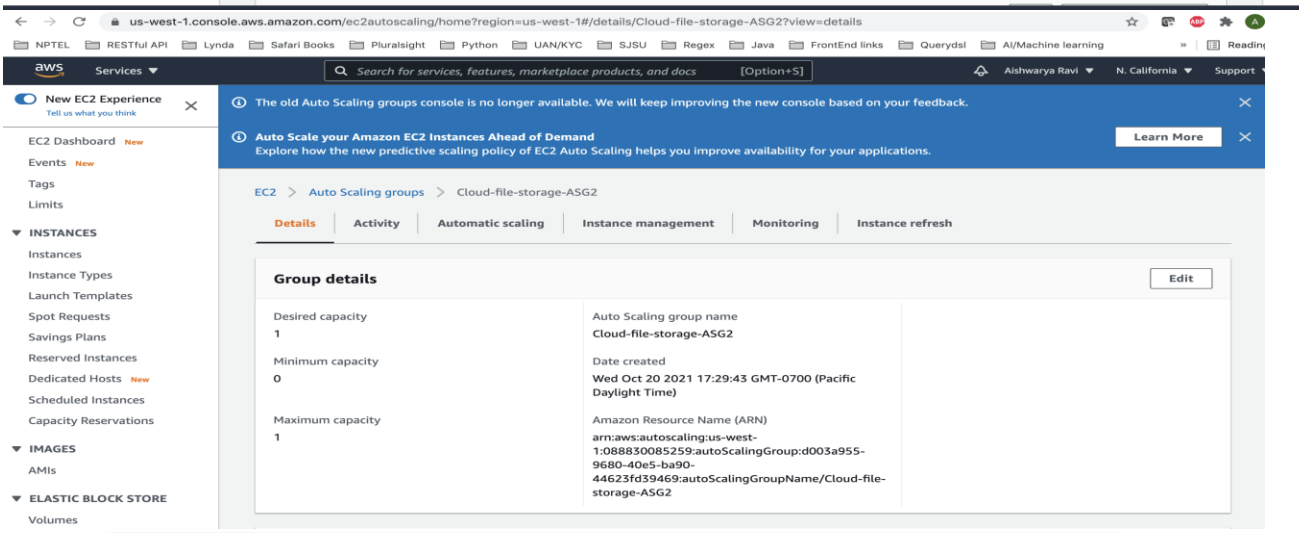
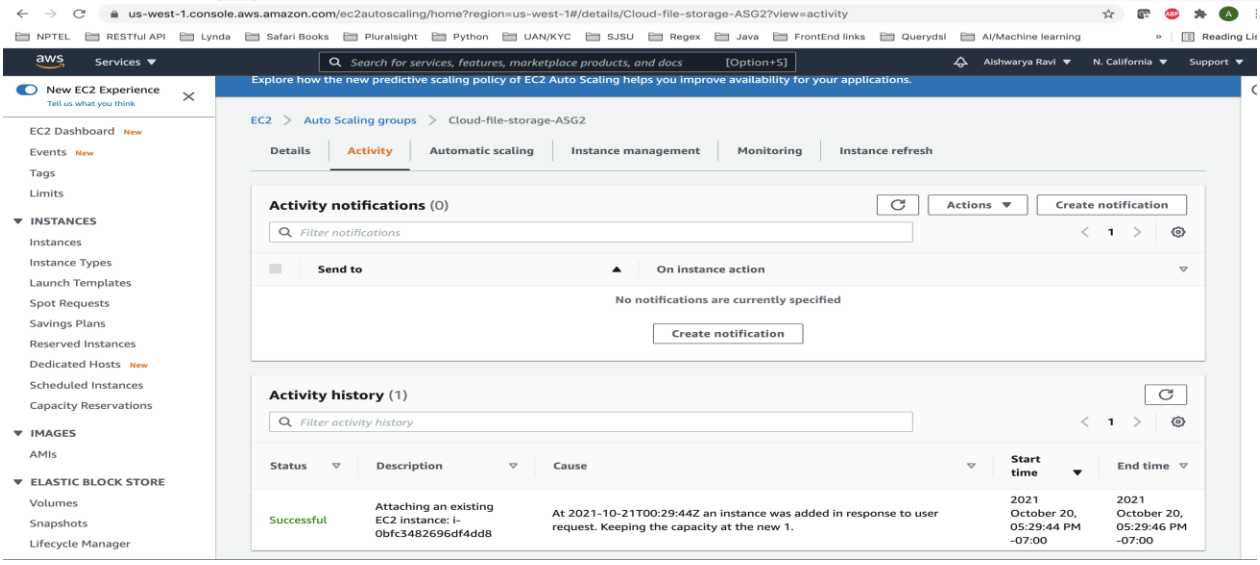
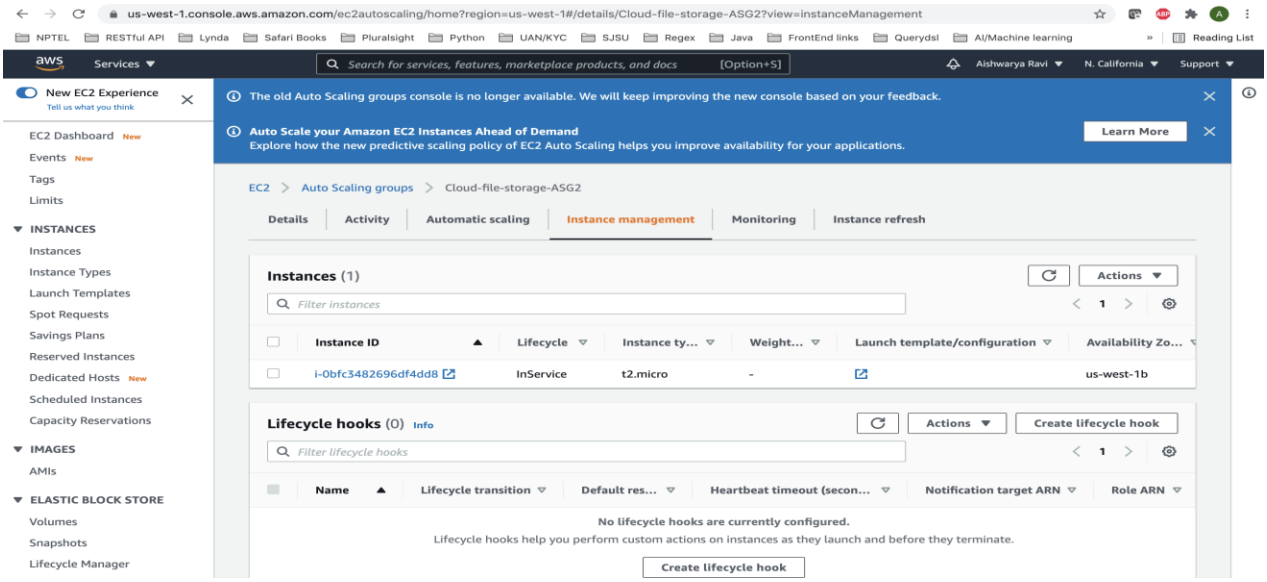
Cookie preferences


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details/Cloud-file-storage-ASG?view=instanceManagement
Auto Scale your Amazon EC2 Instances Ahead of Demand
Explore how the new predictive scaling policy of EC2 Auto Scaling helps you improve availability for your applications.
Learn More
EC2 > Auto Scaling groups > Cloud-file-storage-ASG
Details | Activity | Automatic scaling | Instance management | Monitoring | Instance refresh
Instances (1)
Actions
Instance ID | Lifecycle | Instance ty... | Weight... | Launch template/configuration | Availability Zo...
i-091dc1f20bac7ed2b | InService | t2.micro | - | us-west-1b
Lifecycle hooks (0) Info
Actions | Create lifecycle hook
Name | Lifecycle transition | Default res... | Heartbeat timeout (secon... | Notification target ARN | Role ARN
No lifecycle hooks are currently configured.
Lifecycle hooks help you perform custom actions on instances as they launch and before they terminate.
Create lifecycle hook


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details/Cloud-file-storage-ASG2?view=details
The old Auto Scaling groups console is no longer available. We will keep improving the new console based on your feedback.
Auto Scale your Amazon EC2 Instances Ahead of Demand
Explore how the new predictive scaling policy of EC2 Auto Scaling helps you improve availability for your applications.
Learn More
EC2 > Auto Scaling groups > Cloud-file-storage-ASG2
Details | Activity | Automatic scaling | Instance management | Monitoring | Instance refresh
Group details
Edit
Desired capacity
1
Minimum capacity
0
Maximum capacity
1
Auto Scaling group name
Cloud-file-storage-ASG2
Date created
Wed Oct 20 2021 17:29:43 GMT-0700 (Pacific Daylight Time)
Amazon Resource Name (ARN)
arn:aws:autoscaling:us-west-1:088830085259:autoScalingGroup:d003a955-9680-40e5-ba90-44623fd39469:autoScalingGroupName/Cloud-file-storage-ASG2


us-west-1.console.aws.amazon.com/ec2autoscaling/home?region=us-west-1#/details/Cloud-file-storage-ASG2?view=activity
Explore how the new predictive scaling policy of EC2 Auto Scaling helps you improve availability for your applications.
EC2 > Auto Scaling groups > Cloud-file-storage-ASG2
Details | Activity | Automatic scaling | Instance management | Monitoring | Instance refresh
Activity notifications (0)
Actions | Create notification
Send to | On instance action
No notifications are currently specified
Create notification
Activity history (1)
Status | Description | Cause | Start time | End time
Successful | Attaching an existing EC2 instance: i-0bfc3482696df4dd8 | At 2021-10-21T00:29:44Z an instance was added in response to user request. Keeping the capacity at the new 1. | 2021 October 20, 05:29:44 PM -07:00 | 2021 October 20, 05:29:46 PM -07:00



Version Control GitHub, Codestar, CodeCommit, other

10 Points

I have used GitHub and Amazon Code commit for version control.(To create pull requests, code commits and version management).

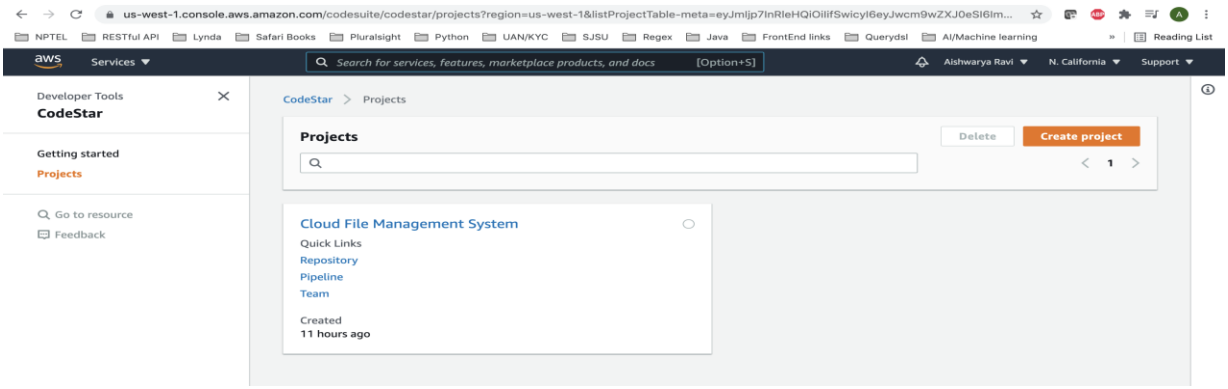
Amazon Codestar has been used for continuous Integration and Continuous Deployment.

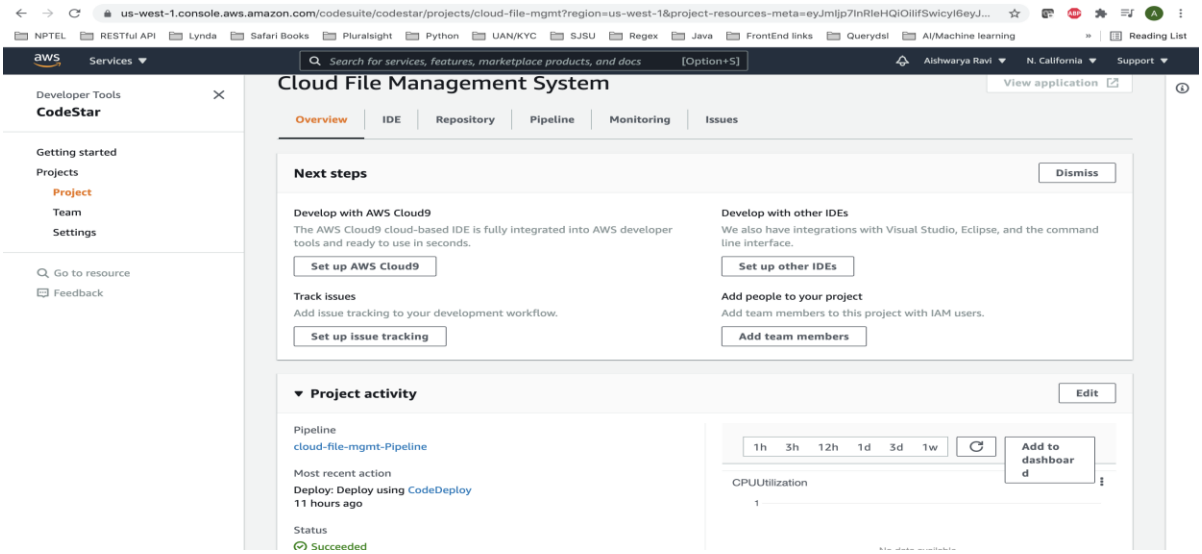
I have used Node JS and Express JS for backend. I have used Amazon SDK to interact with AWS. Have implemented best practices in my code to handle error scenarios and edge cases.

Frontend has been written using EJS to communicate with the back end server

GitHub URL : https://github.com/aishwaryaravi19/Cloud-File-Management-System

AWS Codestar:




us-west-1.console.aws.amazon.com/codesuite/codestar/projects/cloud-file-mgmt?region=us-west-1&project-resources-meta=eyJmIjp7InRleHQiOiIifSwicyI6eyJ...
Services
Search for services, features, marketplace products, and docs [Option+S]
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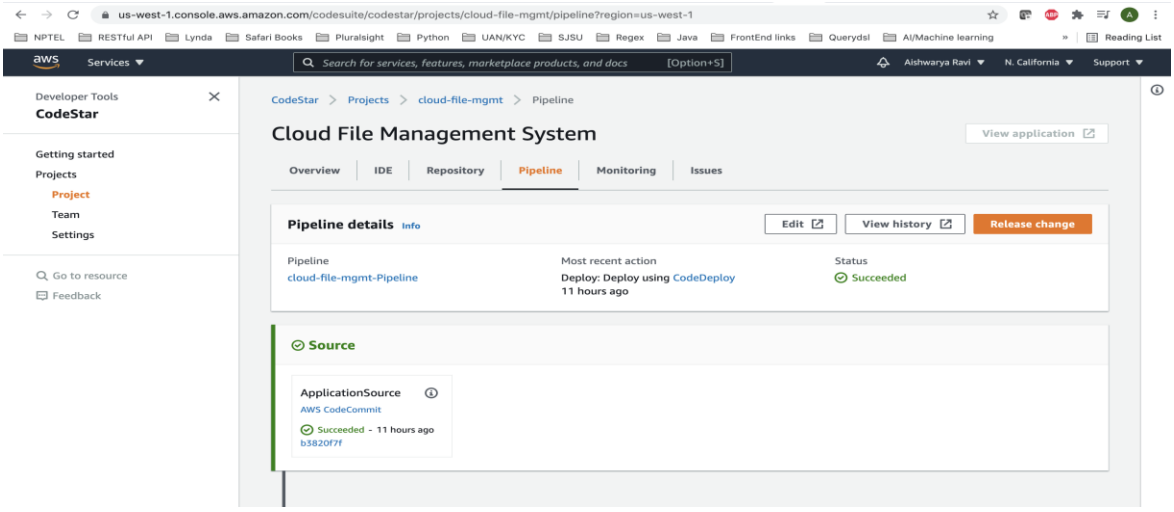
Support
Developer Tools
CodeStar
Getting started
Projects
Project
Team
Settings
Go to resource
Feedback
Cloud File Management System
View application
Overview
IDE
Repository
Pipeline
Monitoring
Issues
Next steps
Dismiss
Develop with AWS Cloud9
The AWS Cloud9 cloud-based IDE is fully integrated into AWS developer tools and ready to use in seconds.
Set up AWS Cloud9
Develop with other IDEs
We also have integrations with Visual Studio, Eclipse, and the command line interface.
Set up other IDEs
Track issues
Add issue tracking to your development workflow.
Set up issue tracking
Add people to your project
Add team members to this project with IAM users.
Add team members
Project activity
Edit
Pipeline
cloud-file-mgmt-Pipeline
Most recent action
Deploy: Deploy using CodeDeploy
11 hours ago
Status
Succeeded
1h 3h 12h 1d 3d 1w
Add to dashboard
CPUUtilization


us-west-1.console.aws.amazon.com/codesuite/codestar/projects/cloud-file-mgmt/pipeline?region=us-west-1
Services
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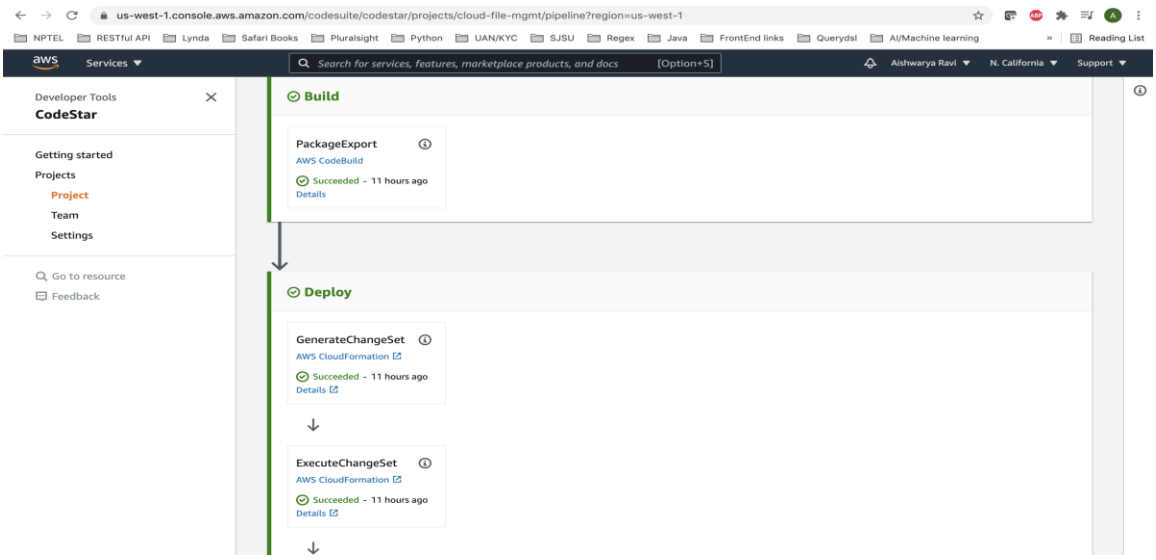
CodeStar
Getting started
Projects
Project
Team
Settings
Go to resource
Feedback
CodeStar > Projects > cloud-file-mgmt > Pipeline
Cloud File Management System
View application
Overview
IDE
Repository
Pipeline
Monitoring
Issues
Pipeline details Info
Edit
View history
Release change
Pipeline
cloud-file-mgmt-Pipeline
Most recent action
Deploy: Deploy using CodeDeploy
11 hours ago
Status
Succeeded
Source
ApplicationSource
AWS CodeCommit
Succeeded - 11 hours ago
b5820f7f


us-west-1.console.aws.amazon.com/codesuite/codestar/projects/cloud-file-mgmt/pipeline?region=us-west-1
Services
Search for services, features, marketplace products, and docs [Option+S]
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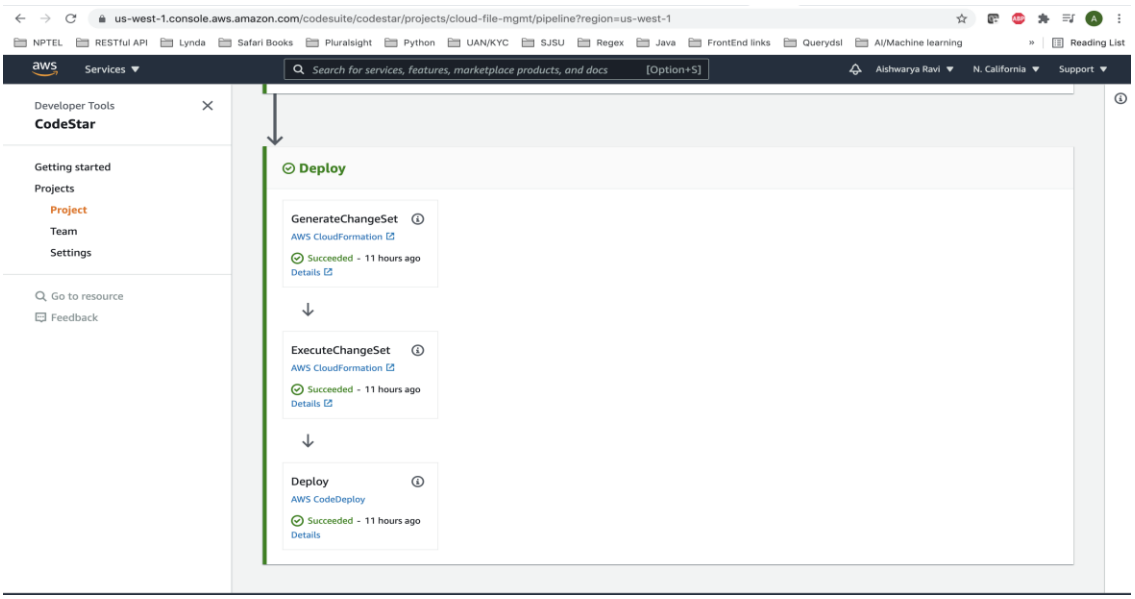
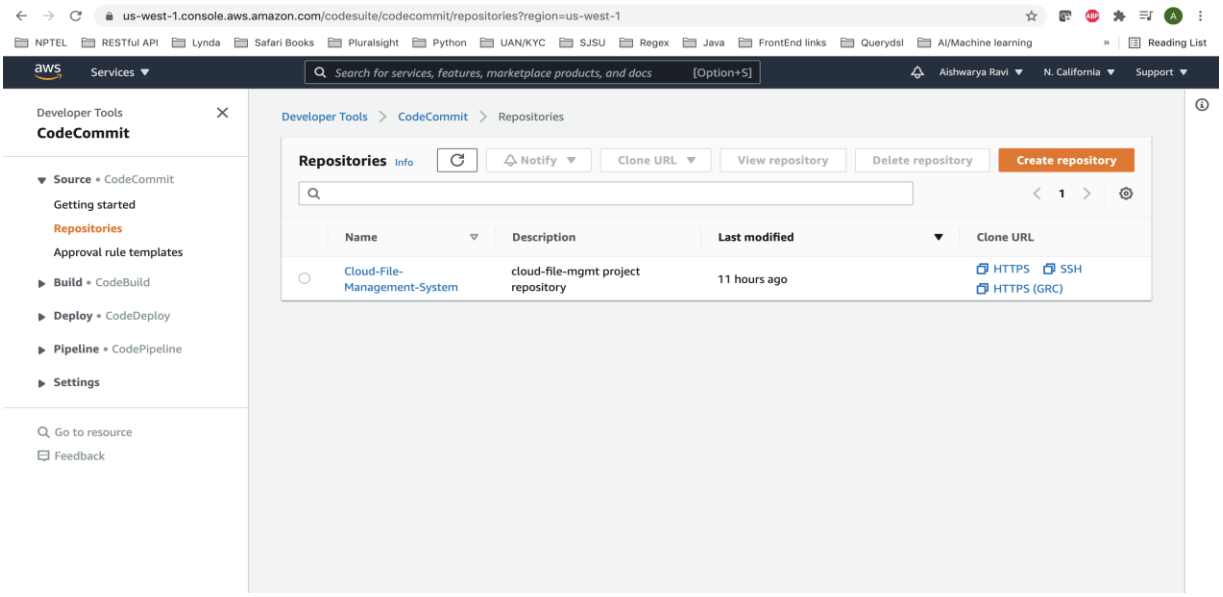
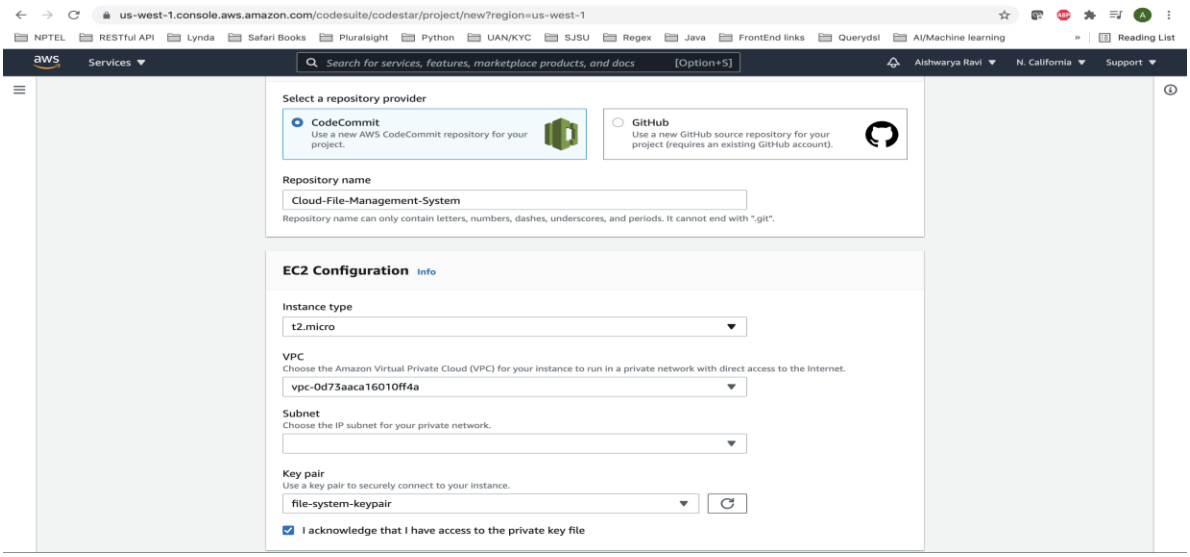
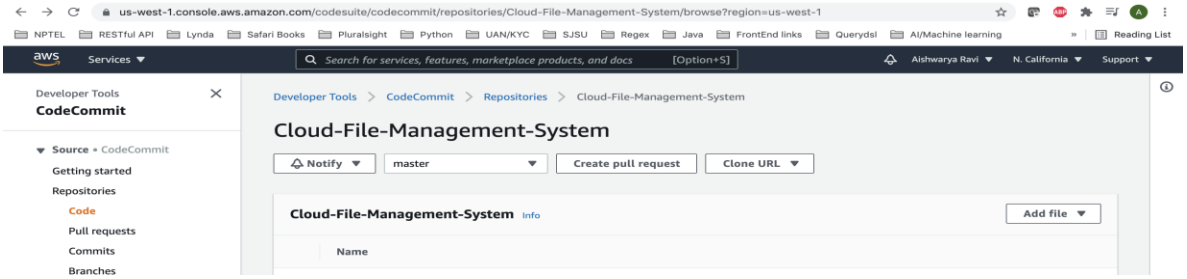
Developer Tools
CodeStar
Getting started
Projects
Project
Team
Settings
Go to resource
Feedback
Build
PackageExport
AWS CodeBuild
Succeeded - 11 hours ago
Details
Deploy
GenerateChangeSet
AWS CloudFormation
Succeeded - 11 hours ago
Details
ExecuteChangeSet
AWS CloudFormation
Succeeded - 11 hours ago
Details


us-west-1.console.aws.amazon.com/codesuite/codestar/projects/cloud-file-mgmt/pipeline?region=us-west-1
Developer Tools
CodeStar
Getting started
Projects
Project
Team
Settings
Go to resource
Feedback
Deploy
GenerateChangeSet
AWS CloudFormation
Succeeded - 11 hours ago
Details
ExecuteChangeSet
AWS CloudFormation
Succeeded - 11 hours ago
Details
Deploy
AWS CodeDeploy
Succeeded - 11 hours ago
Details

CodeCommit:


us-west-1.console.aws.amazon.com/codesuite/codecommit/repositories?region=us-west-1
Developer Tools
CodeCommit
Source • CodeCommit
Getting started
Repositories
Approval rule templates
Build • CodeBuild
Deploy • CodeDeploy
Pipeline • CodePipeline
Settings
Go to resource
Feedback
Developer Tools > CodeCommit > Repositories
Repositories Info
Notify
Clone URL
View repository
Delete repository
Create repository
Name
Description
Last modified
Clone URL
Cloud-File-Management-System
cloud-file-mgmt project repository
11 hours ago
HTTPS SSH
HTTPS (GRC)

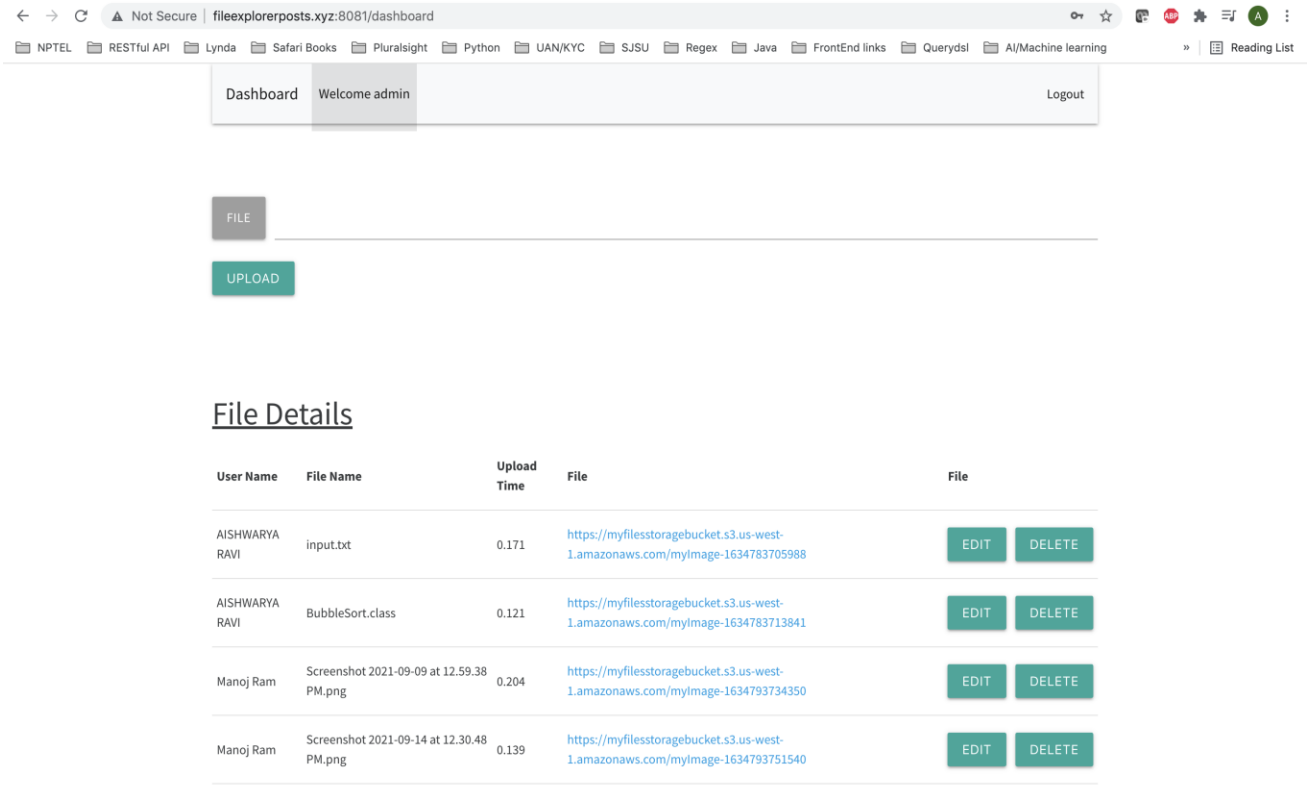




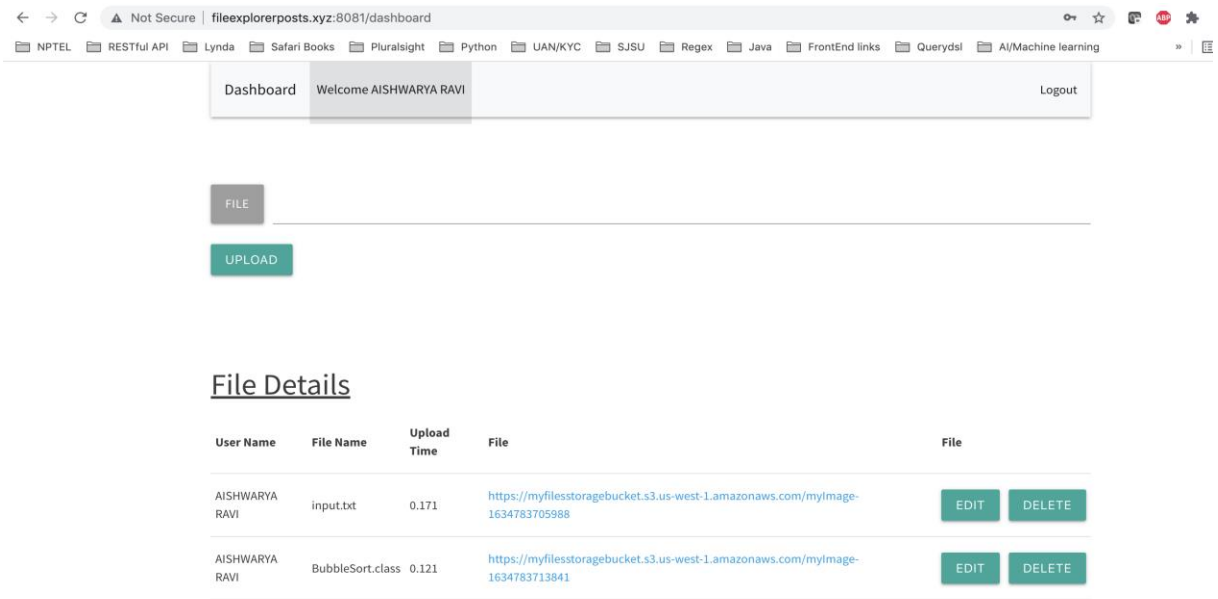
Admin Panel

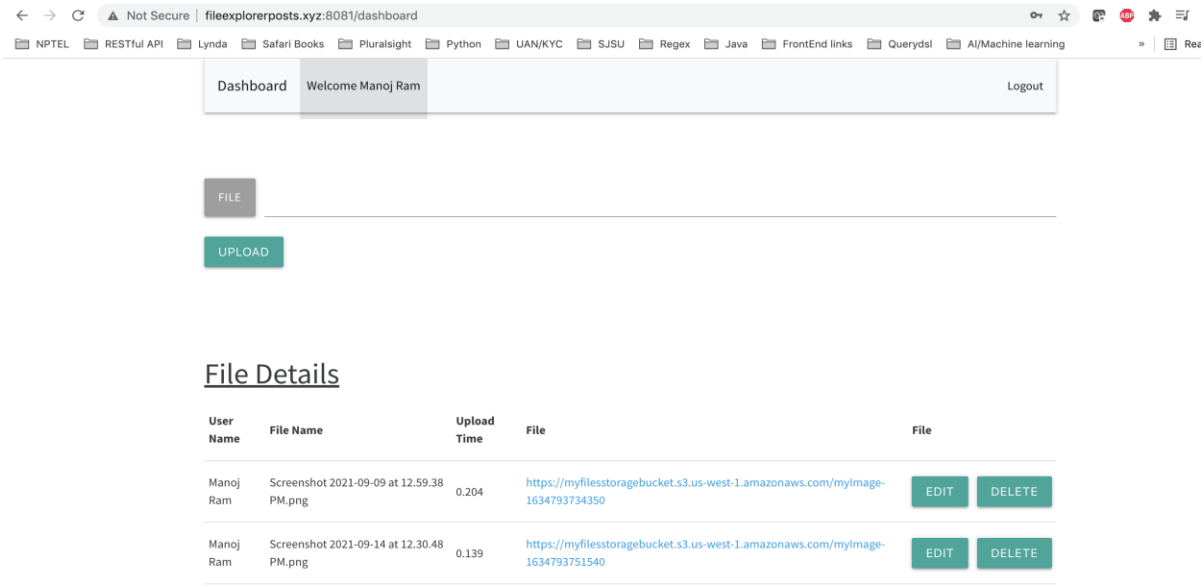
10 Points

Admin dashboard lists all files of all users. Only admin can view all users' files, edit them and delete them.



Whereas, Non admin users will only see the files that they uploaded and will be able to delete only them.





UI, Documentation, Video, AWS Resource Config

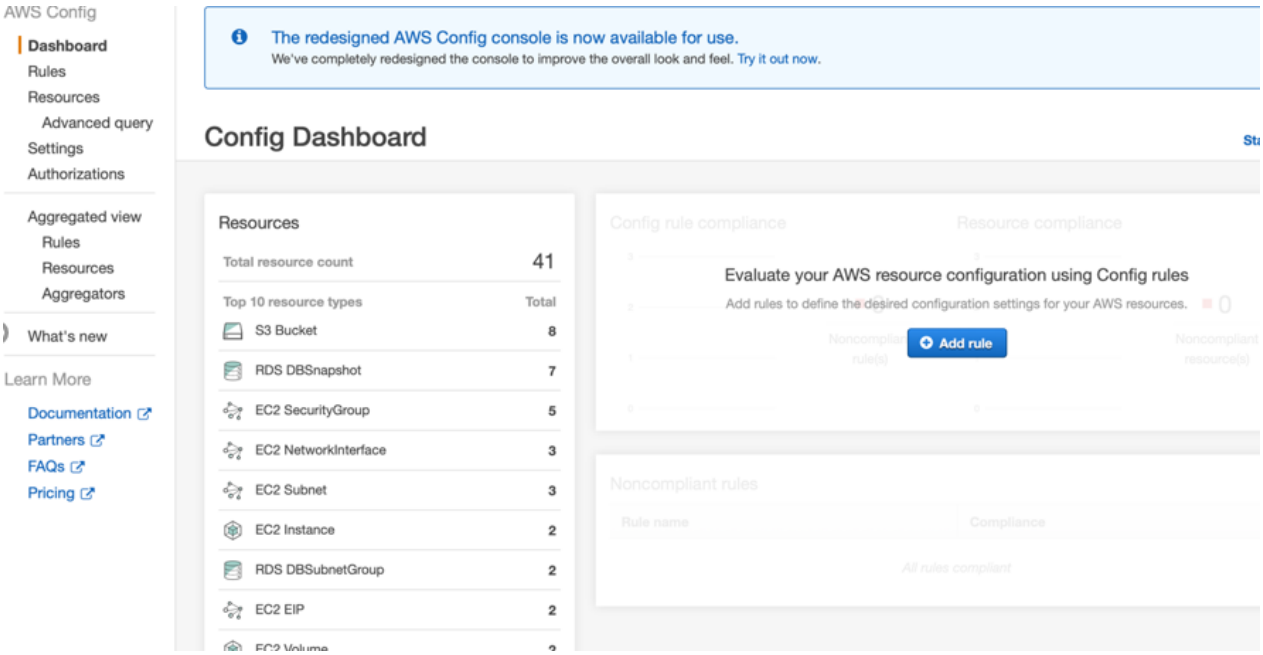
10 Points

Front end has been implemented using EJS and the UI could be seen by accessing the domain (http://fileexplorerposts.xyz:8081/)

Documentation is written here and is also available in GitHub (ReadMe)

Video has been uploaded to the GitHub and is under the folder ‘zoom’.

AWS Resource Config


AWS Config
Dashboard
Rules
Resources
Advanced query
Settings
Authorizations
Aggregated view
Rules
Resources
Aggregators
What's new
Learn More
Documentation
Partners
FAQs
Pricing
The redesigned AWS Config console is now available for use.
We've completely redesigned the console to improve the overall look and feel. Try it out now.
Config Dashboard
Resources
Total resource count
41
Top 10 resource types
Total
S3 Bucket
8
RDS DBSnapshot
7
EC2 SecurityGroup
5
EC2 NetworkInterface
3
EC2 Subnet
3
EC2 Instance
2
RDS DBSubnetGroup
2
EC2 EIP
2
Config rule compliance
Resource compliance
Evaluate your AWS resource configuration using Config rules
Add rules to define the desired configuration settings for your AWS resources.
Add rule
Noncompliant rules
Rule name
Compliance
All rules compliant