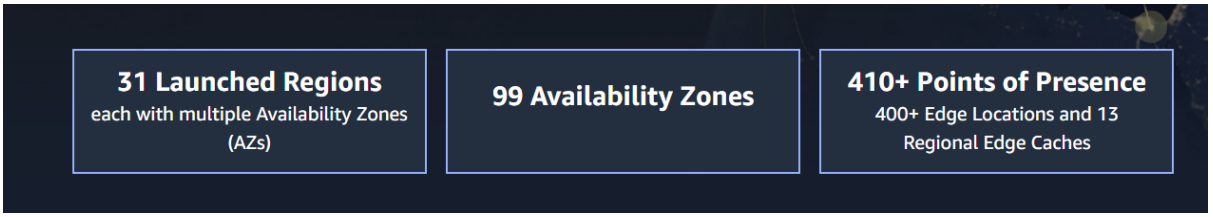
Cloud

Regions and Availability Zones



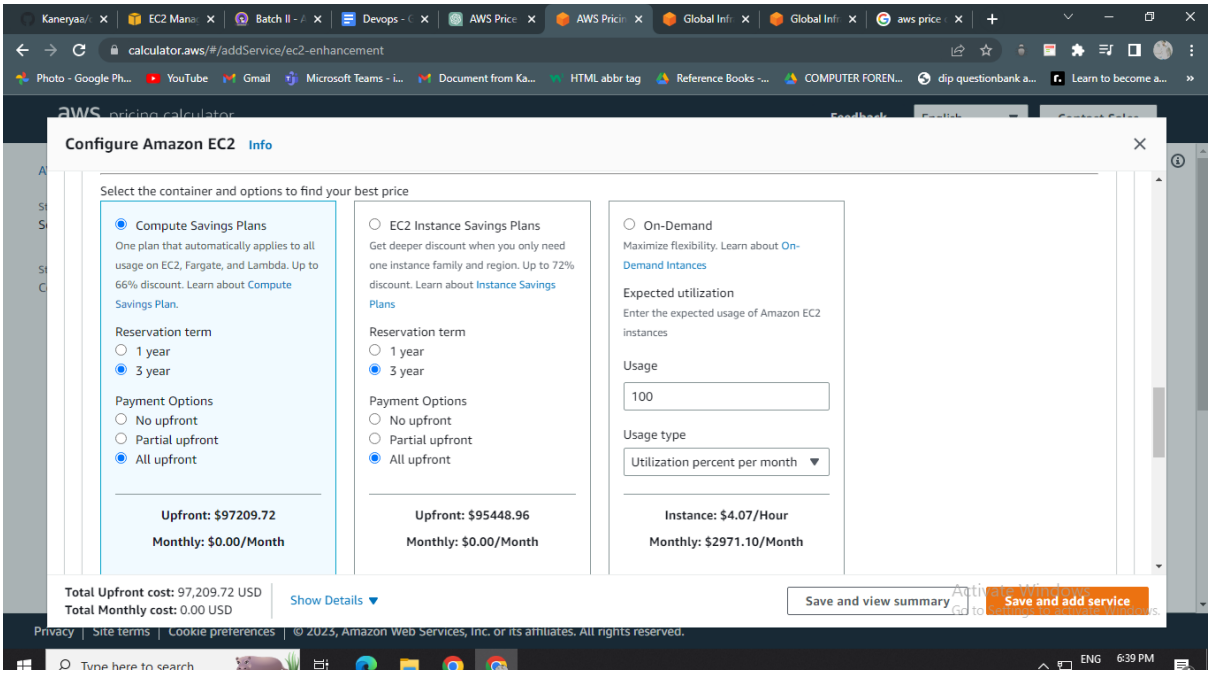
2. AWS calculator

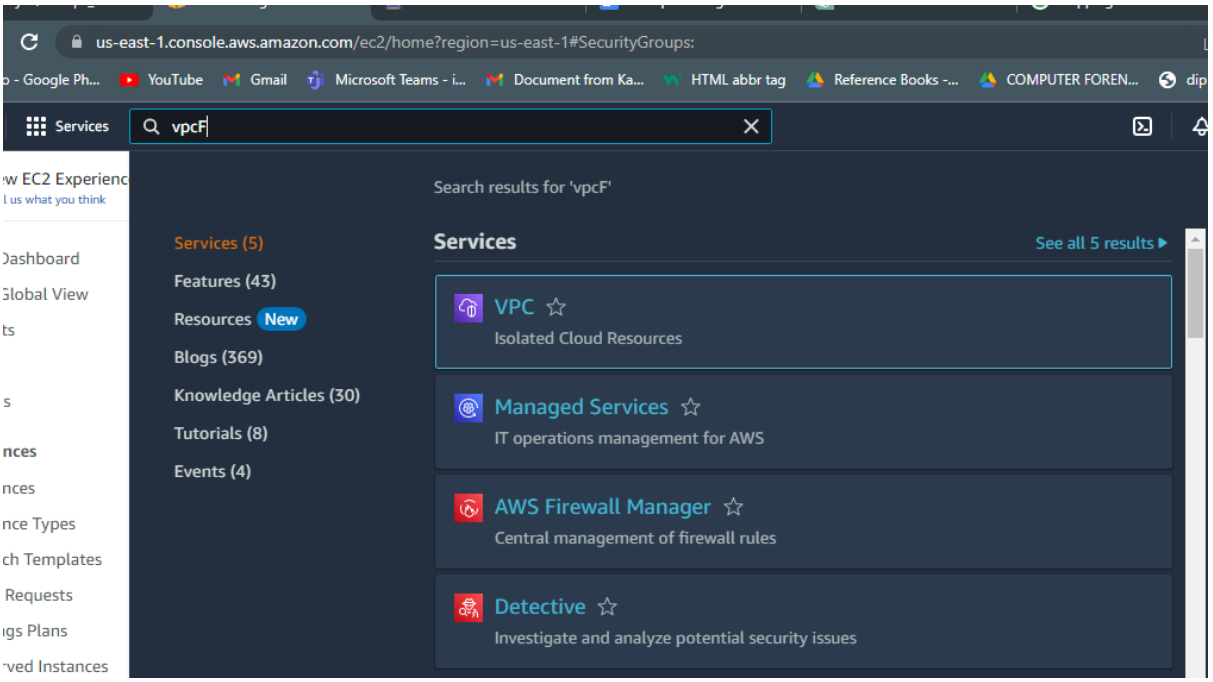
The AWS Price Calculator is a tool provided by Amazon Web Services (AWS) that allows you to estimate the cost of using AWS services based on your specific needs and usage patterns. Here's how to use it:

1. Go to the AWS Price Calculator page: https://calculator.aws/
2. Select the region where you will be using the services. The pricing may vary depending on the region.
3. Choose the AWS services you want to use by clicking on the relevant boxes. You can select multiple services.
4. Configure the settings for the services you've selected, such as the number of instances, type of instance, and storage capacity.
5. You can also adjust the usage hours, data transfer, and other parameters to customize your estimate.
6. Review your estimate and see the projected monthly cost for using the selected services.

The AWS Price Calculator provides an estimate of the monthly cost based on the information you provide. Keep in mind that this is only an estimate and the actual cost may vary depending on factors like usage, data transfer, and instance types. Additionally, discounts and other promotions may also affect the final cost. It's always a good idea to regularly review your usage and adjust your resources accordingly to optimize your costs.

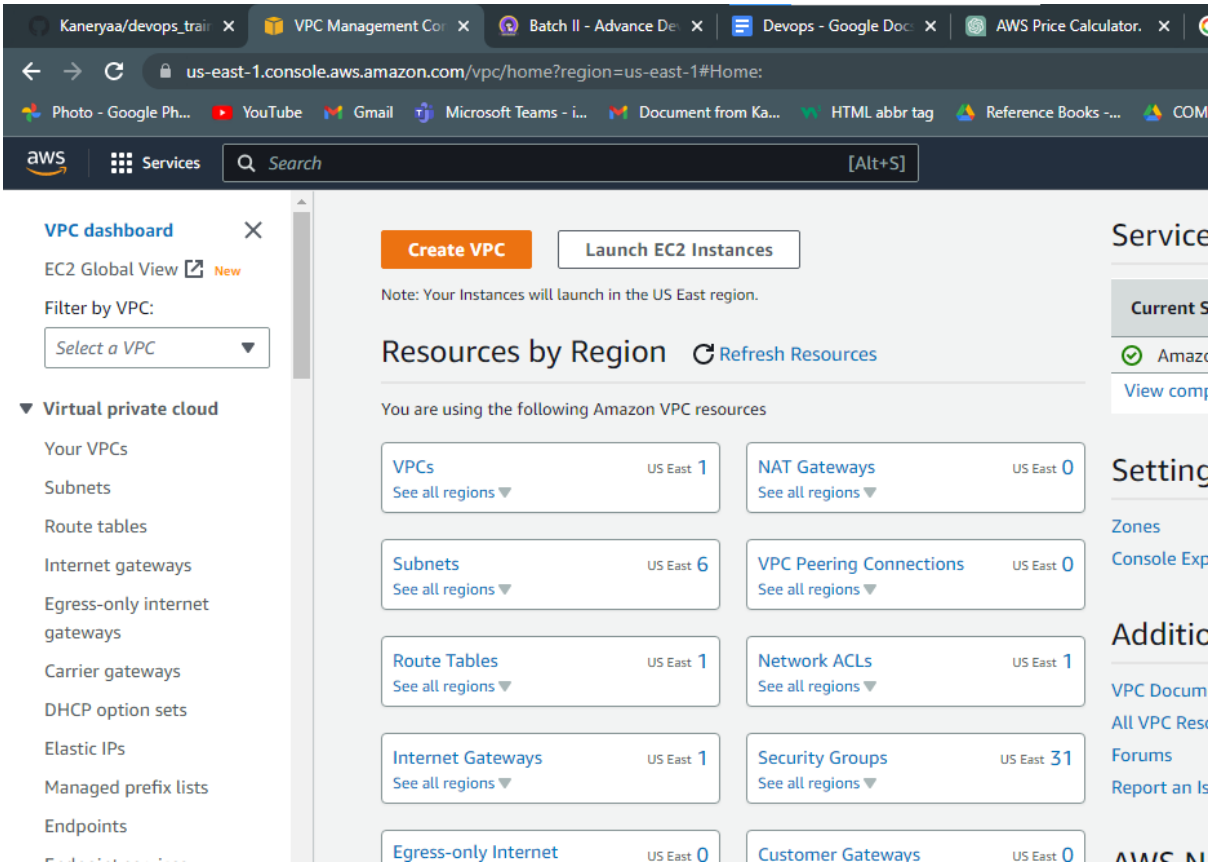
Cloud



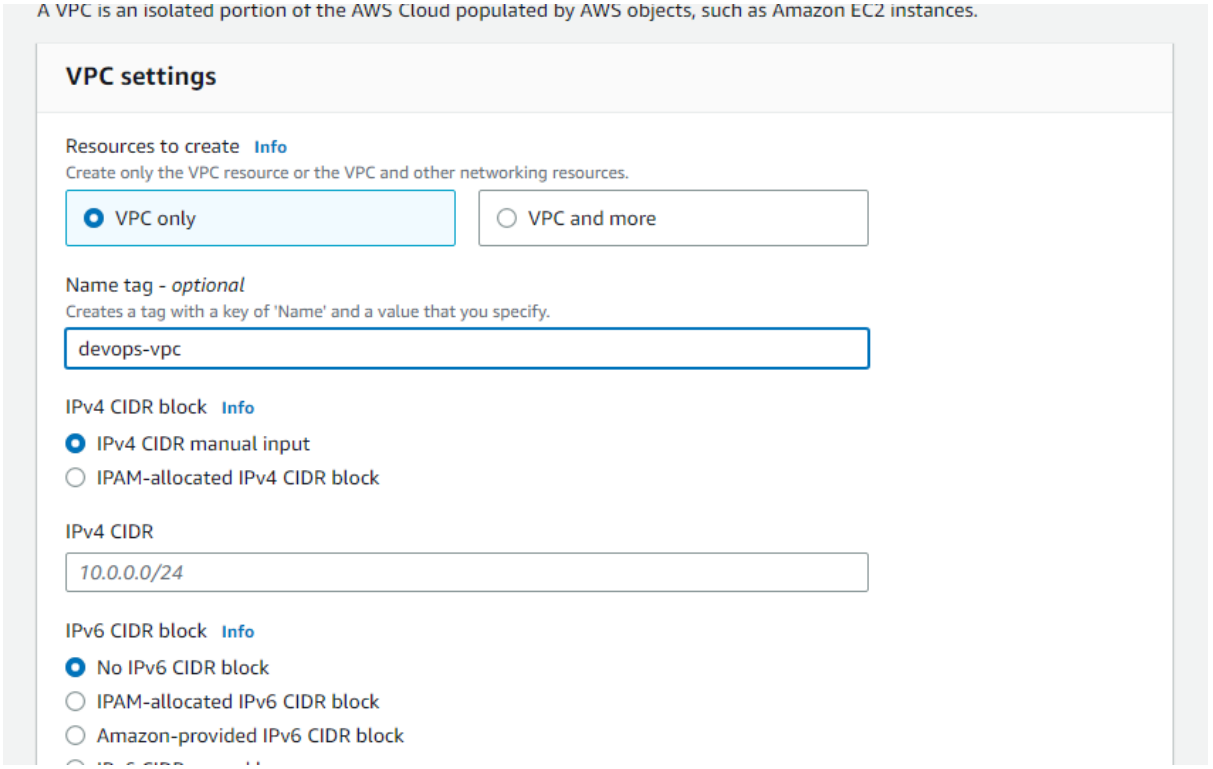


Select vpc

Cloud

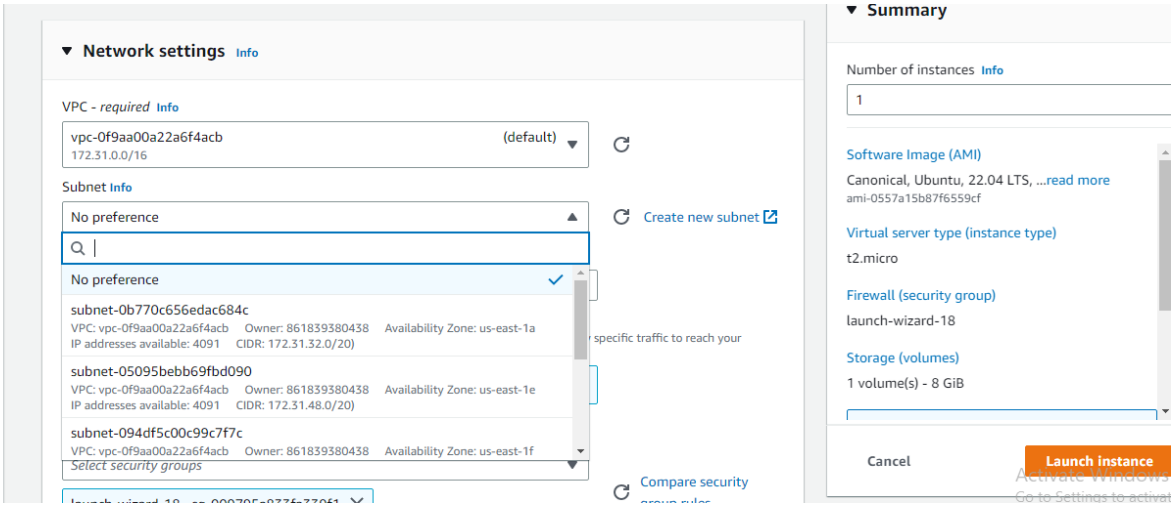


Create vpc

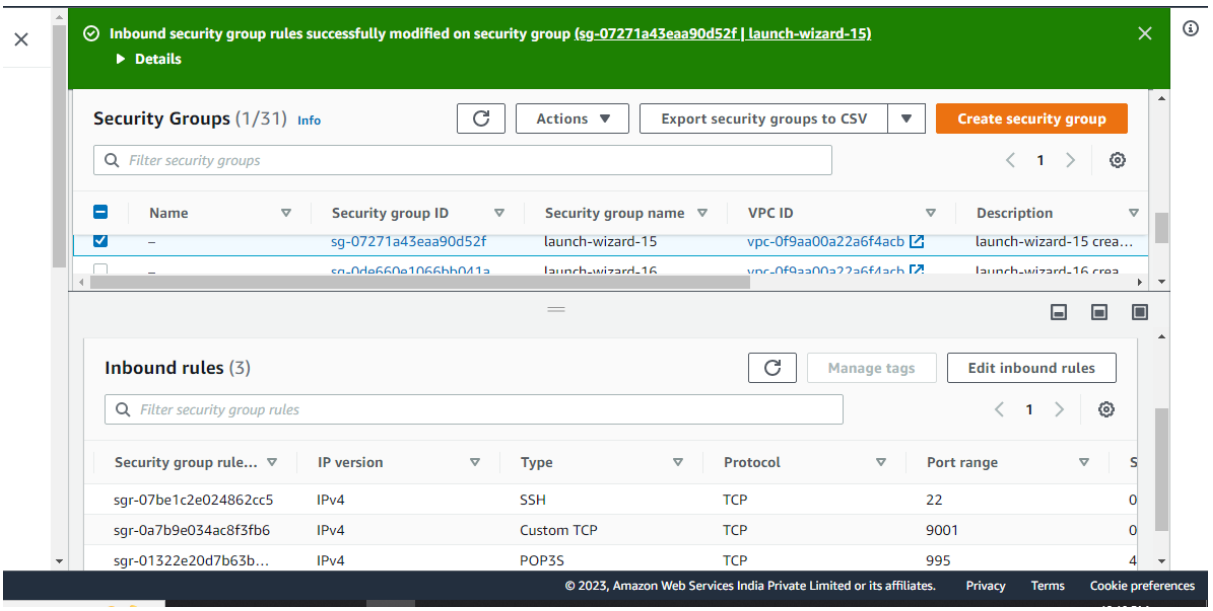


Cloud

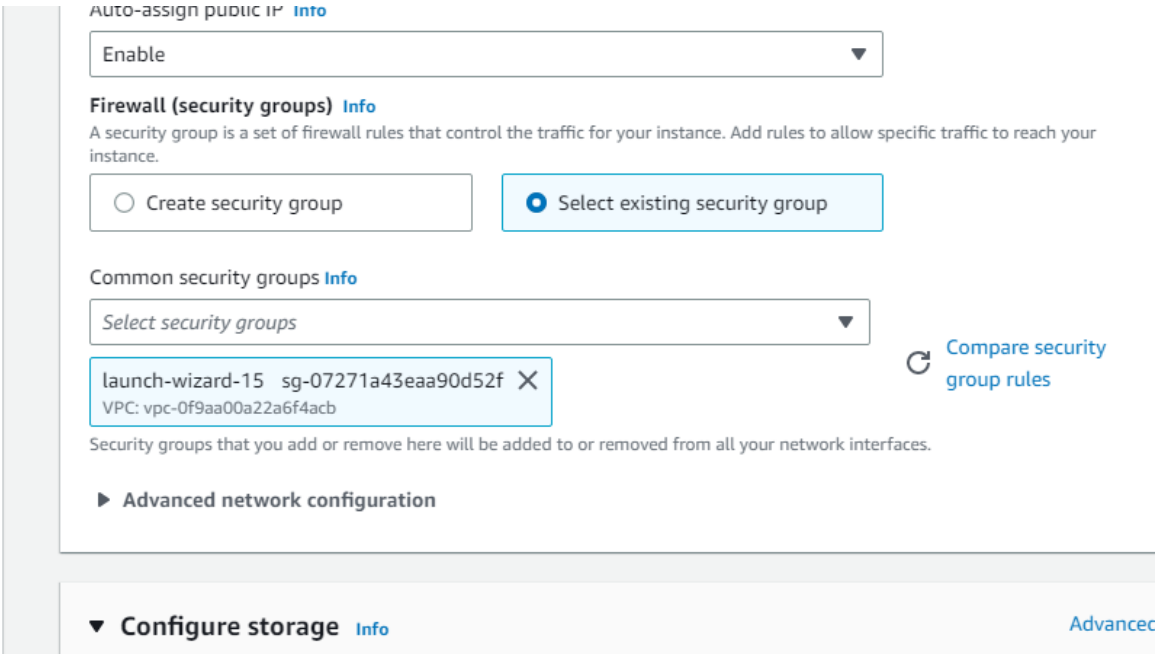
Vpc ec2 configuration



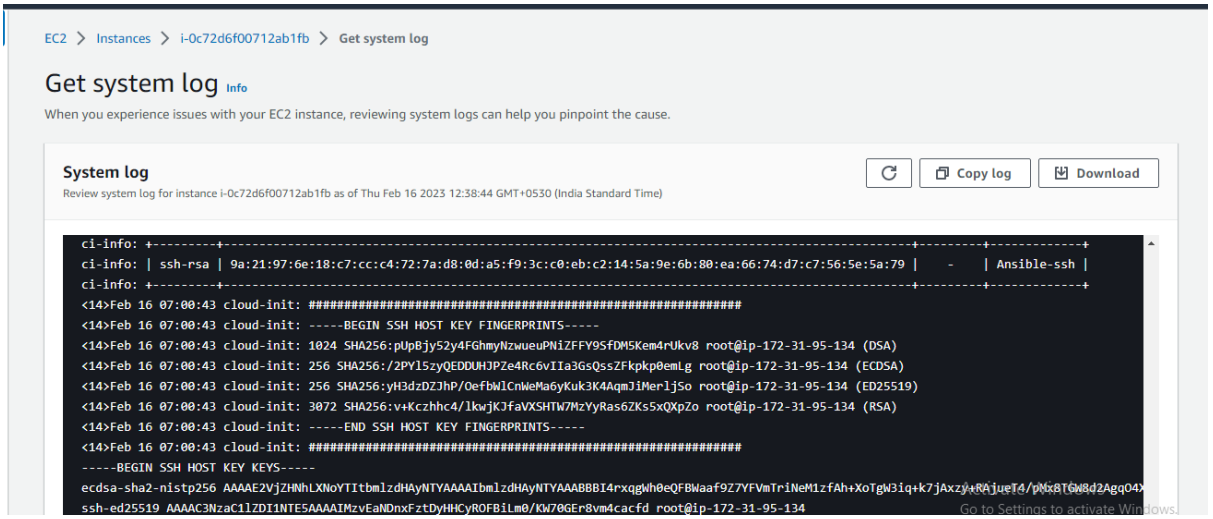
EC2



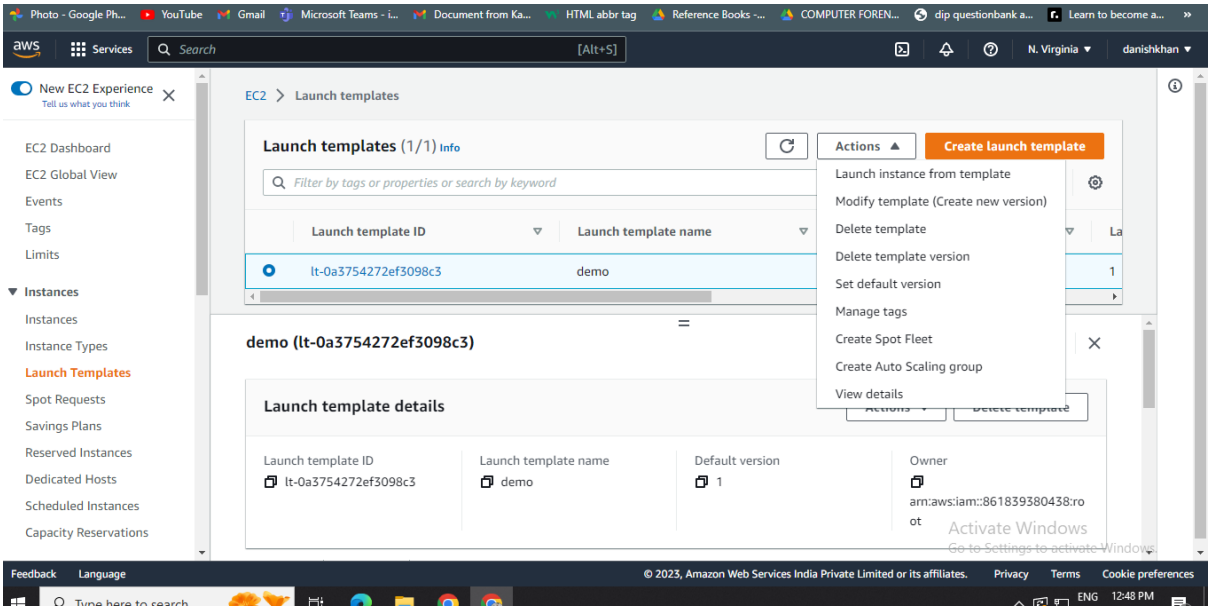
Cloud



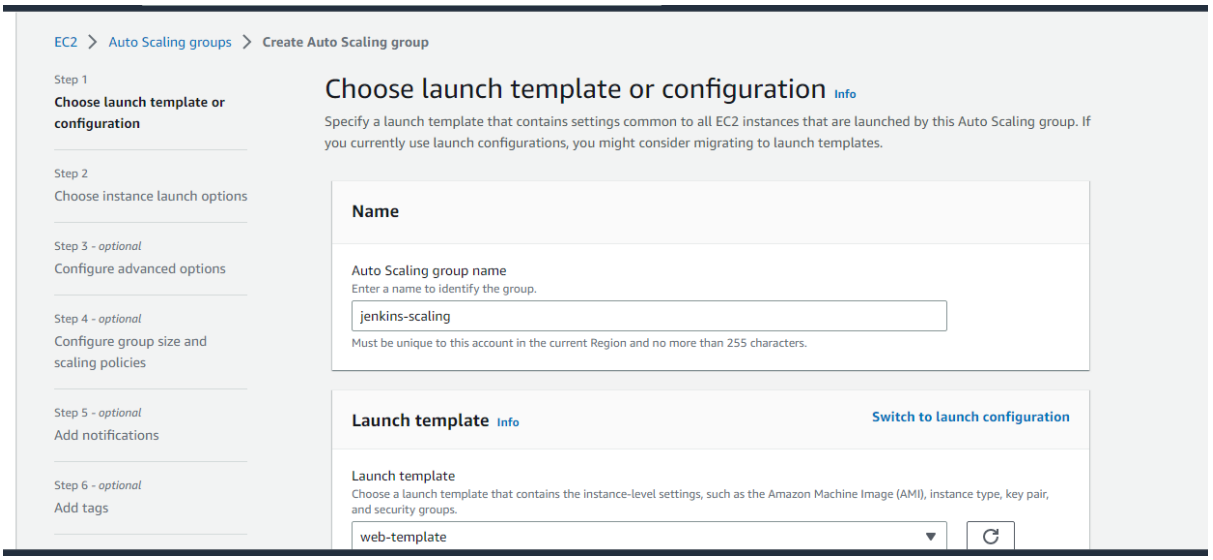
Get system log



Cloud



EC2 AutoScalig



As a devops professional, how much do you know about the cloud : EC2, ECS, Lambda, ECR,ECS

Storage : S3,EBS,RDS,
Authentication : IAM, VPC, KMS

Cloud

*IAM(identity access management)

IAM stands for "Identity and Access Management" and it is a service provided by Amazon Web Services (AWS) that allows you to manage user access to AWS resources.

IAM enables you to create and manage AWS users and groups, and assign permissions to them to access specific resources and services within your AWS account. This allows you to control who has access to your AWS resources and what actions they can perform.

Some common use cases for IAM on AWS include creating new users with specific permissions, setting up roles with granular access controls, and configuring multi-factor authentication (MFA) for added security.

In summary, IAM is a critical service that helps you manage access to your AWS resources in a secure and controlled manner.

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S3(simple storage service)

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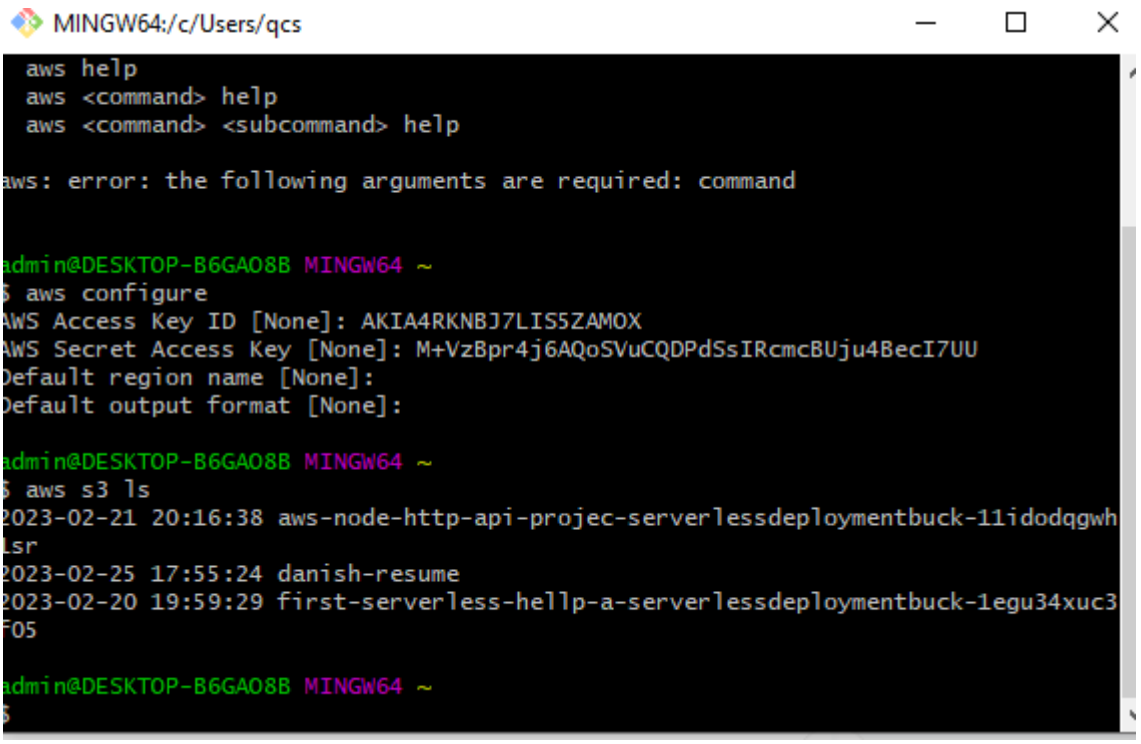
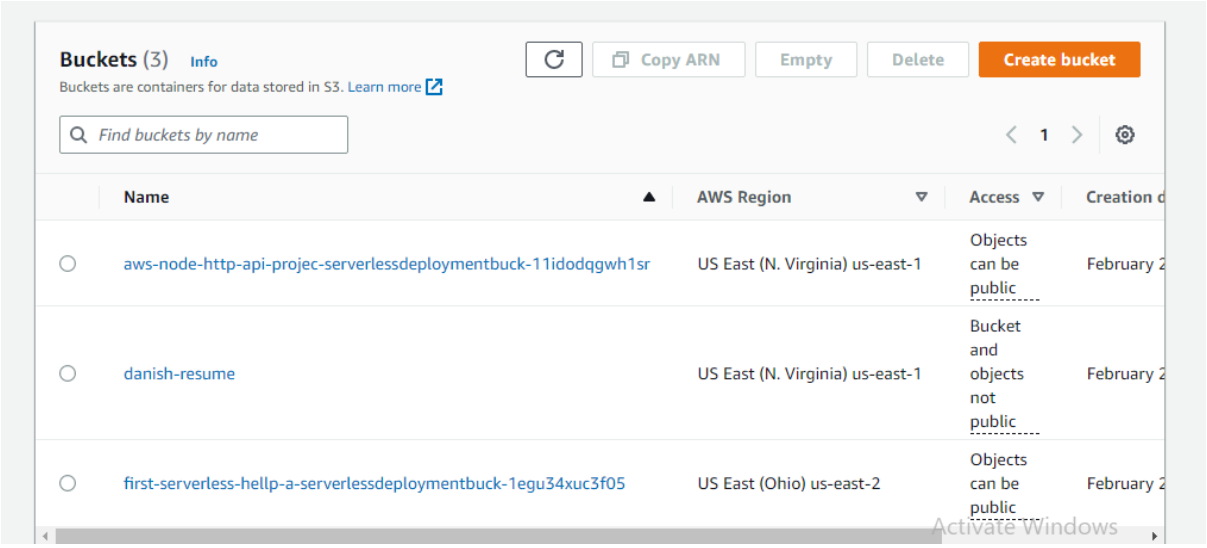
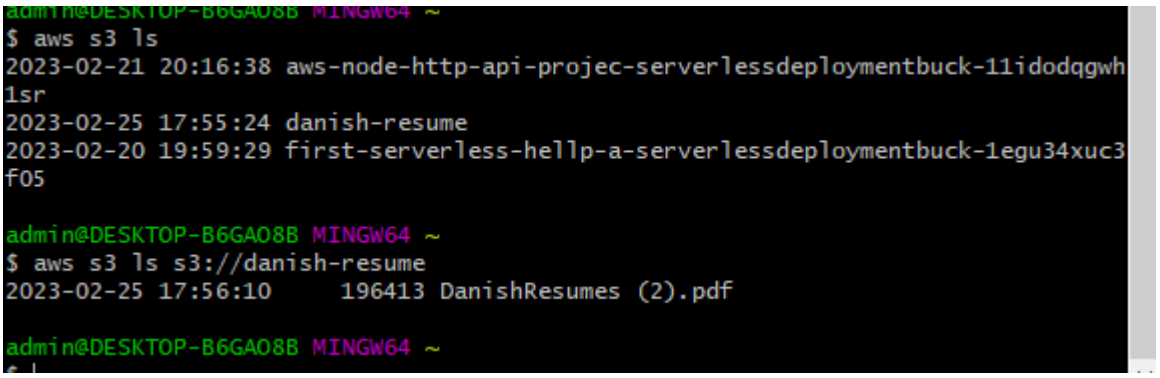
Cloud


MINGW64:/c/Users/qcs
aws help
aws <command> help
aws <command> <subcommand> help
aws: error: the following arguments are required: command
admin@DESKTOP-B6GAO8B MINGW64 ~
$ aws configure
AWS Access Key ID [None]: AKIA4RKNBJ7LIS5ZAMOX
AWS Secret Access Key [None]: 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
Default region name [None]:
Default output format [None]:
admin@DESKTOP-B6GAO8B MINGW64 ~
$ aws s3 ls
2023-02-21 20:16:38 aws-node-http-api-projec-serverlessdeploymentbuck-11idodqgwh
1sr
2023-02-25 17:55:24 danish-resume
2023-02-20 19:59:29 first-serverless-hellp-a-serverlessdeploymentbuck-1egu34xuc3
f05
admin@DESKTOP-B6GAO8B MINGW64 ~
$


Buckets (3) Info
Buckets are containers for data stored in S3. Learn more
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
1
Name
AWS Region
Access
Creation d
aws-node-http-api-projec-serverlessdeploymentbuck-11idodqgwh1sr
US East (N. Virginia) us-east-1
Objects can be public
February 2
danish-resume
US East (N. Virginia) us-east-1
Bucket and objects not public
February 2
first-serverless-hellp-a-serverlessdeploymentbuck-1egu34xuc3f05
US East (Ohio) us-east-2
Objects can be public
February 2
Activate Windows


$ aws s3 ls
2023-02-21 20:16:38 aws-node-http-api-projec-serverlessdeploymentbuck-11idodqgwh
1sr
2023-02-25 17:55:24 danish-resume
2023-02-20 19:59:29 first-serverless-hellp-a-serverlessdeploymentbuck-1egu34xuc3
f05
admin@DESKTOP-B6GAO8B MINGW64 ~
$ aws s3 ls s3://danish-resume
2023-02-25 17:56:10 196413 DanishResumes (2).pdf
admin@DESKTOP-B6GAO8B MINGW64 ~

Cloud

```
download: s3://danish-resume/DanishResumes (2).pdf to .\DanishResum

admin@DESKTOP-B6GAO8B MINGW64 ~/Desktop
$ aws s3 cp s3://danish-resume ./ --recursive
download: s3://danish-resume/DanishResumes (2).pdf to .\DanishResum

admin@DESKTOP-B6GAO8B MINGW64 ~/Desktop
$ aws s3 cp s3://danish-resume ./c --recursive
download: s3://danish-resume/DanishResumes (2).pdf to c\DanishResum

admin@DESKTOP-B6GAO8B MINGW64 ~/Desktop
$
```

```
admin@DESKTOP-B6GAO8B MINGW64 ~/Desktop/websites
$ aws s3 rb s3://danish-resume --force
delete: s3://danish-resume/DanishResumes (2).pdf
delete: s3://danish-resume/Group.jpg
delete: s3://danish-resume/style.css
delete: s3://danish-resume/danish.jfif
delete: s3://danish-resume/myworld.html
remove_bucket: danish-resume

admin@DESKTOP-B6GAO8B MINGW64 ~/Desktop/websites
$
```

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RDS

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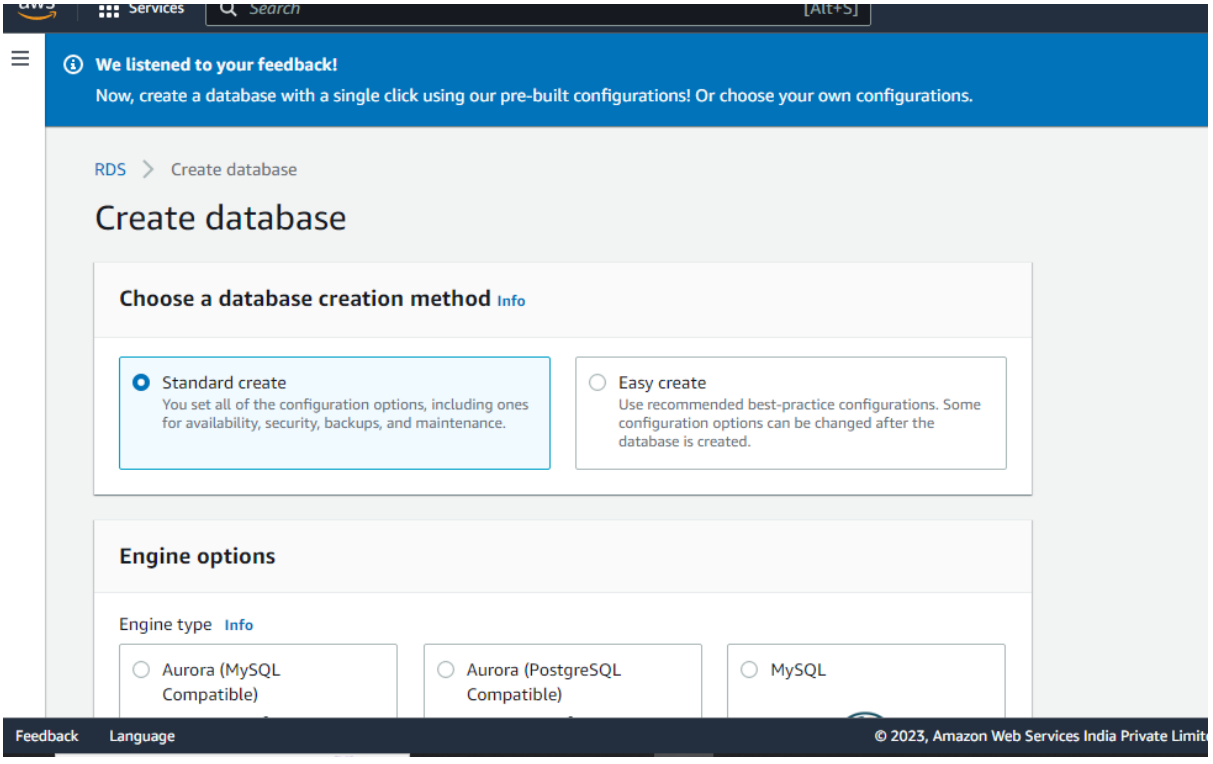

Cloud

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Lambda

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