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AWS Console and Services and Tour of the AWS Console

📍Day 2 of the 100-day Challenge :-

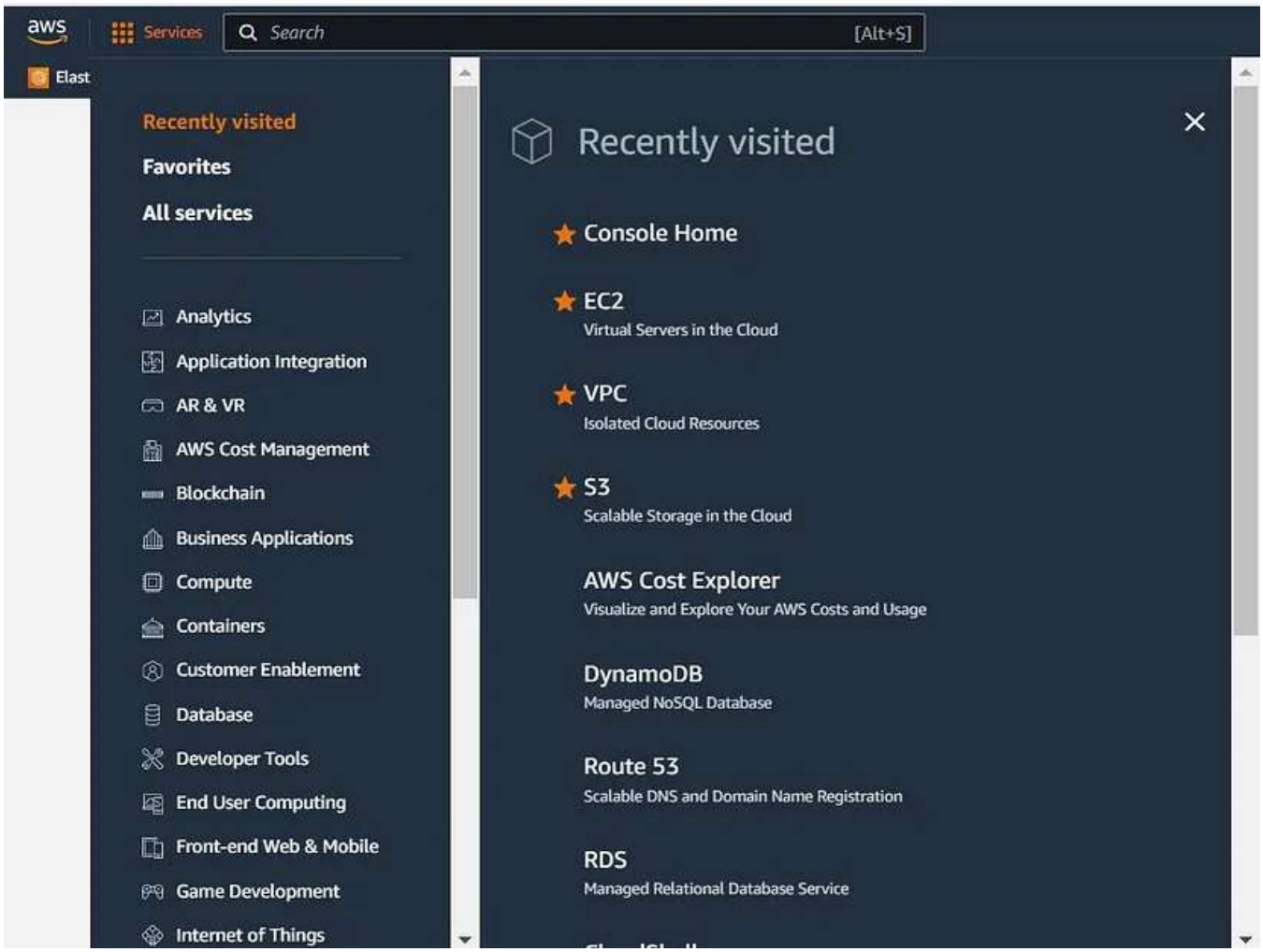
AWS (Amazon Web Services) Console is a web-based interface that allows users to access and manage AWS services and resources. It provides a centralized location for managing AWS services and resources, monitoring usage, and accessing support.

To access the AWS Console, you need to sign up for an AWS account, after which you will be provided with a username and password to log in to the Console.

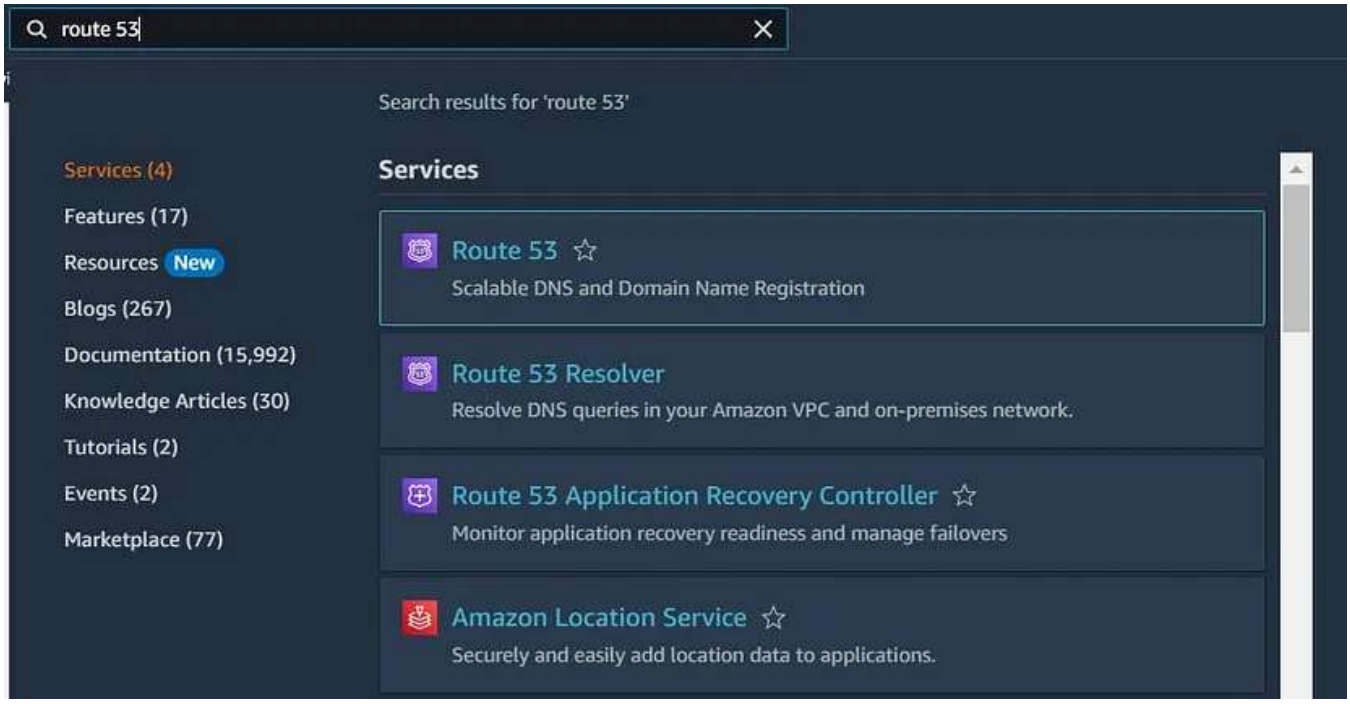
Once you log in to the AWS Console, you will be presented with a dashboard that displays a list of all the available services. From here, you can navigate to the individual service console by clicking on the name of the service you want to use.

The AWS Console is divided into different sections, which include:

Navigation bar: This section provides quick access to commonly used AWS services, including Compute, Storage, Database, Networking, Security, and Management tools.



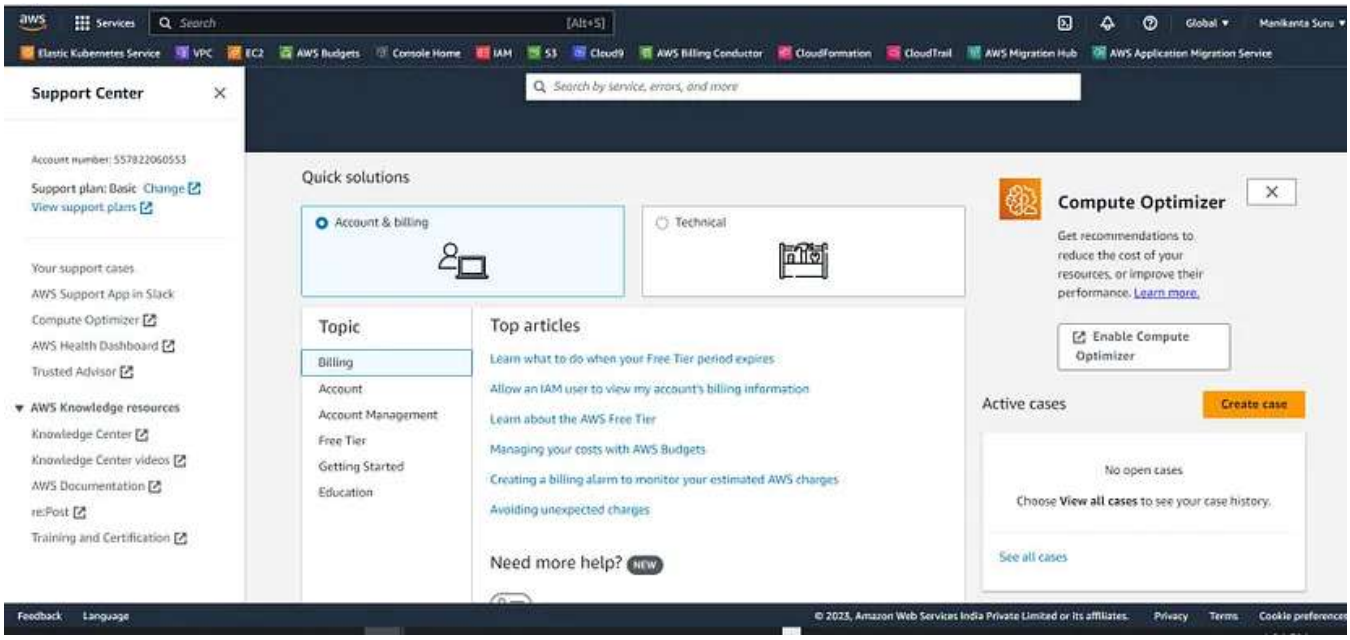
Search bar: You can use the search bar to find specific AWS services or resources quickly.



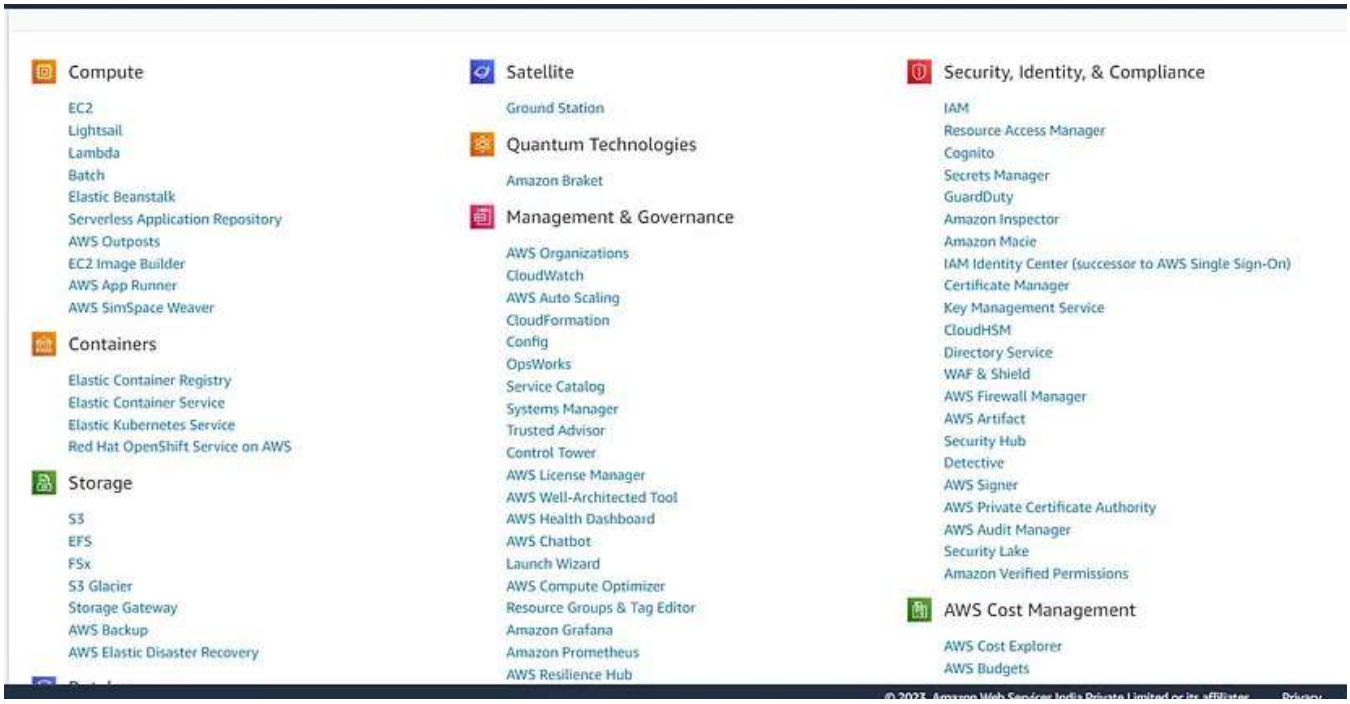
Service dashboard: This section displays a list of all the available services, which you can filter by category or search using keywords.

Resource groups: This section allows you to group resources across different AWS services into a single, manageable entity.

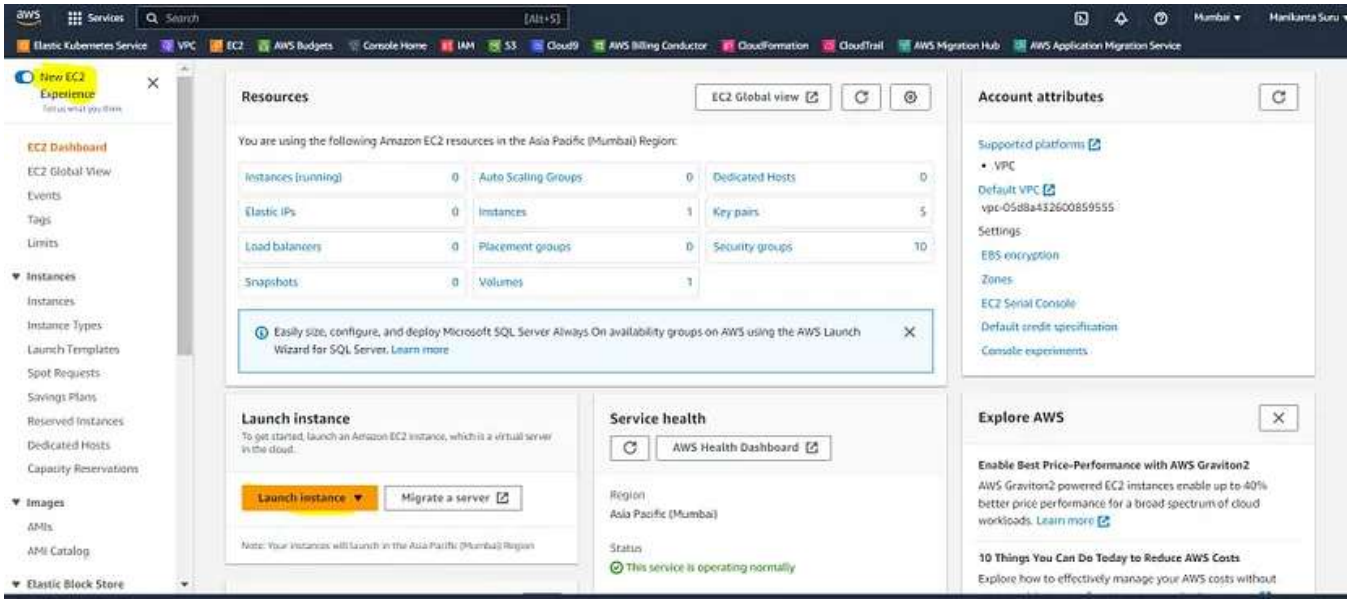
Support: This section provides access to AWS documentation, support forums, and other resources.



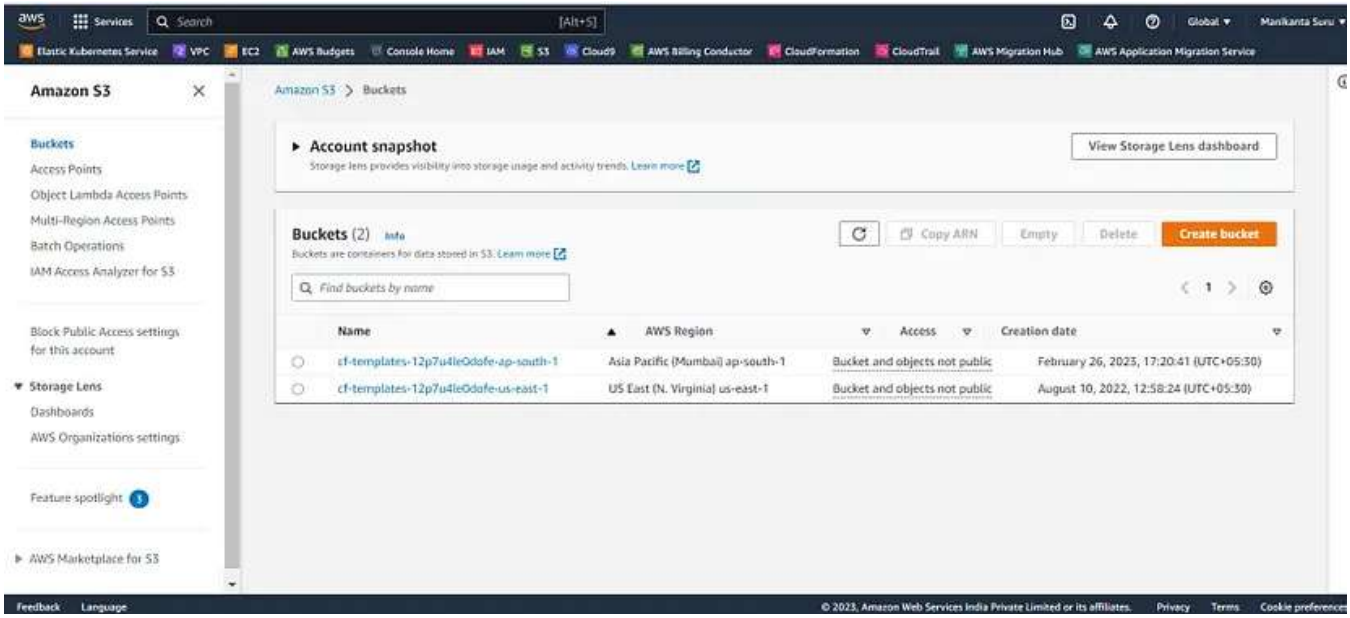
AWS offers a vast array of services, including computing, storage, databases, analytics, machine learning, security, networking, and more. Some of the popular AWS services include:



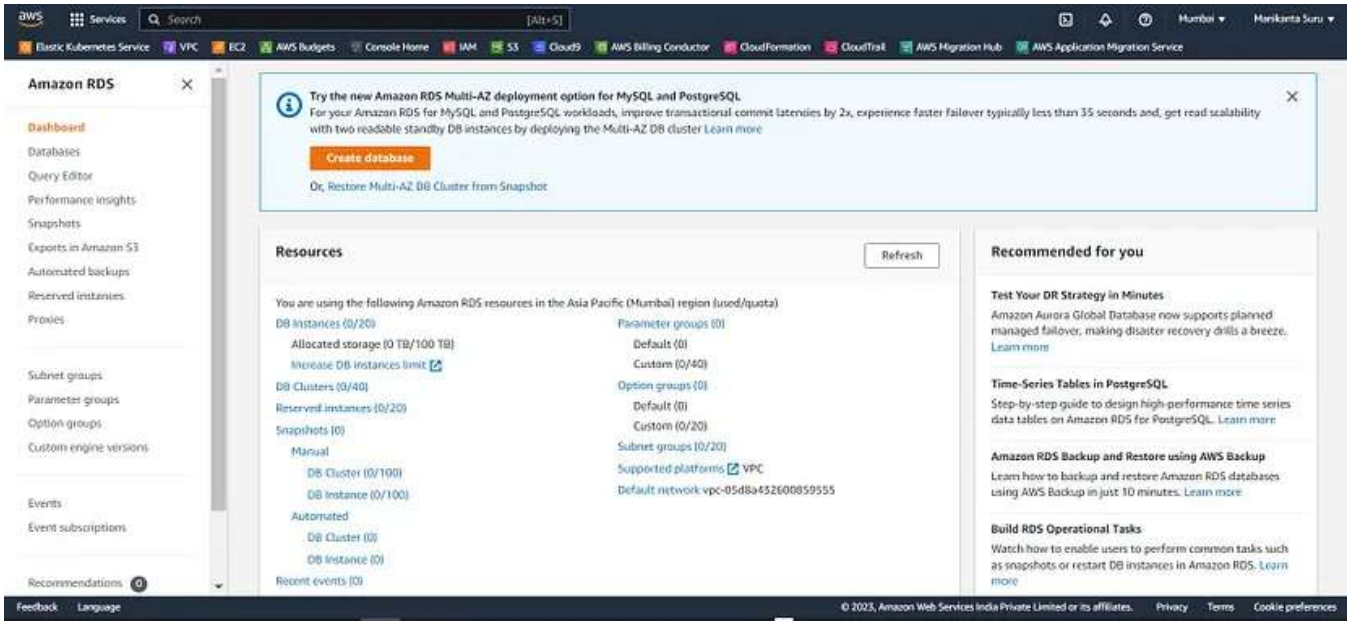
Amazon Elastic Compute Cloud (EC2): A service that provides scalable computing capacity in the cloud.



Amazon Simple Storage Service (S3): A highly scalable and durable object storage service.

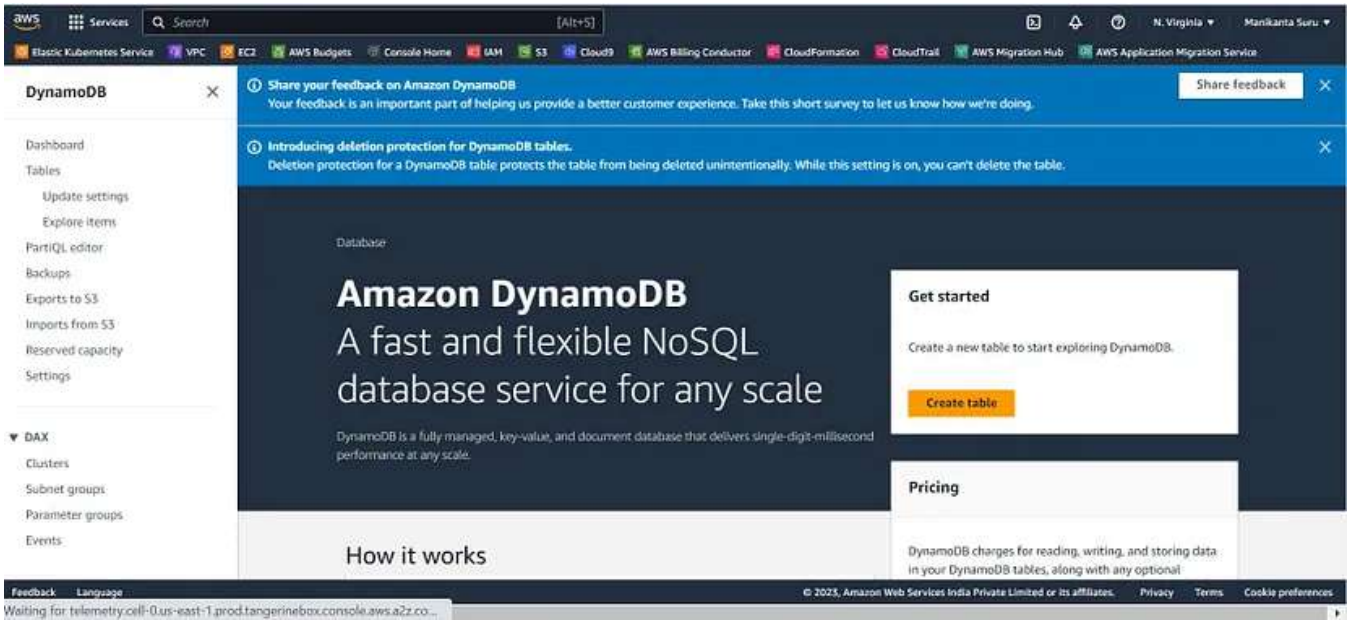


Amazon Relational Database Service (RDS): A managed database service that supports multiple database engines, including MySQL, PostgreSQL, Oracle, and SQL Server.



Amazon Lambda: A serverless computing service that allows you to run code without provisioning or managing servers.

Amazon DynamoDB: A fast and flexible NoSQL database service.



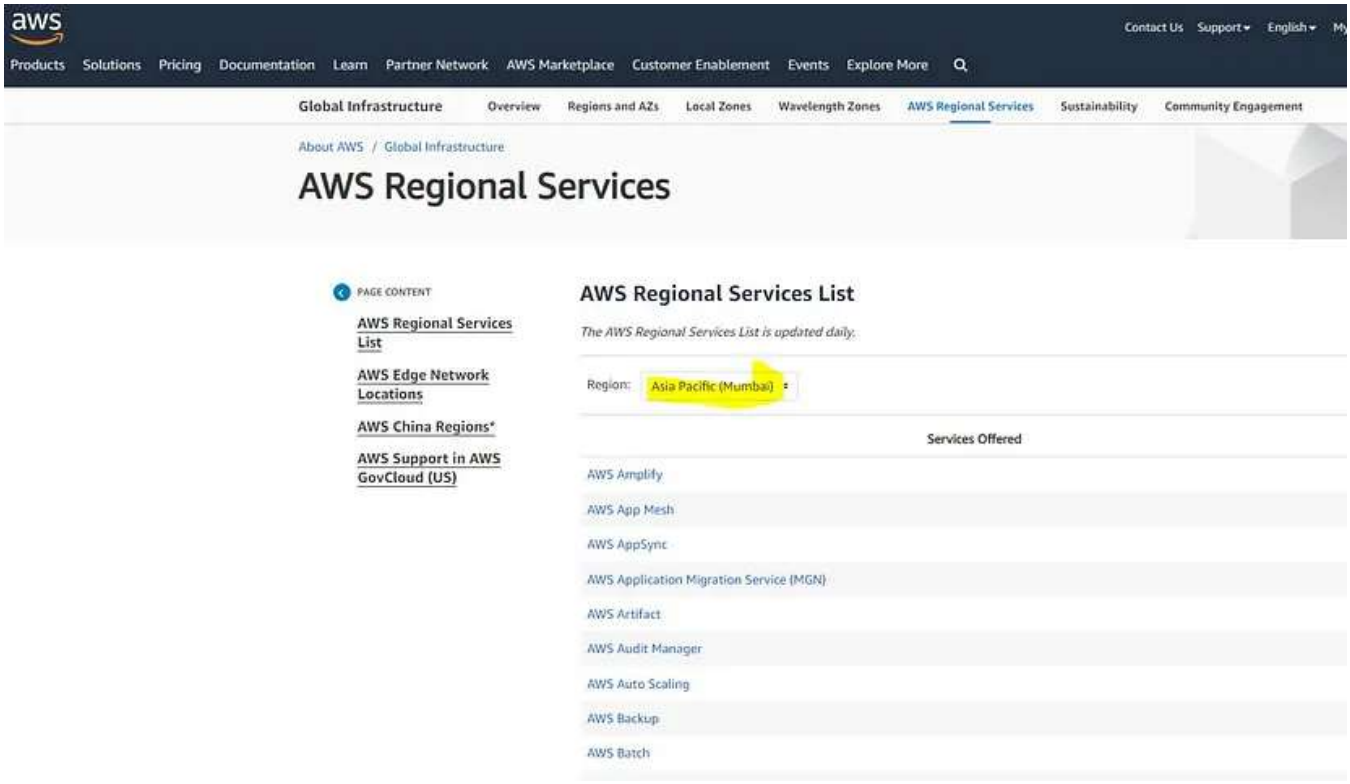
AWS regional services

https://aws.amazon.com/about-aws/global-infrastructure/regional-product-services/

AWS (Amazon Web Services) operates in multiple geographical regions around the world, each of which has a unique set of AWS services and resources available. AWS regional services refer to the services that are available only in specific regions and are not available globally.

The AWS regional services are typically designed to provide low latency, high-performance services to customers located in a specific region. By having services located closer to their customers, AWS can reduce network latency and improve the overall performance of their services.

Here are some examples of AWS regional services:



https://aws.amazon.com/about-aws/global-infrastructure/regional-product-services/

Amazon S3 Transfer Acceleration: This service allows customers to transfer files to and from Amazon S3 buckets at faster speeds over the internet. It is available in select regions worldwide.

Amazon Aurora: A fully managed, MySQL and PostgreSQL compatible relational database engine. It is available in select regions worldwide.

Amazon Elastic File System (EFS): A scalable, fully managed, cloud-native file storage service. It is available in select regions worldwide.

Amazon CloudFront: A content delivery network that accelerates the delivery of static and dynamic web content to end-users. It is available in all AWS regions worldwide.

Amazon Elastic Container Service for Kubernetes (EKS): A fully managed Kubernetes service that makes it easy to deploy, manage, and scale containerized applications. It is available in select regions worldwide.

Note that AWS global services, such as Amazon S3, Amazon EC2, and Amazon RDS, are available in all AWS regions worldwide. However, the pricing and availability of regional services may vary by region.

Sources: AWS ,Google

That's it, thank you for reading.

https://github.com/gefkkd/AWS_100-Days_Challenge.git

👉 In case you would like to continue the discussion, you can always reach out to me on Twitter or on LinkedIn for professional networking, if you feel like following me on GitHub you can also do that.

👉 Follow Cloudnloud Tech Community for more insightful knowledge & resources & CloudnLoud YouTube channel.

AWS Cloud Computing Learning Leadership