**AWS Cloud Certified**

**AWS Cloud Certified**

**What is S3?**

S3 stands for Simple Storage Service. S3 is one of the important services in AWS. Its job is to provide reliable storage for all kinds of data to be stored, retrieved, and managed by you in the cloud.

**What is RDS?**

RDS stands for Relational Database Service. RDS simplified the process of creating & managing relational databases in the cloud. It helps us focus on our development while AWS takes care of database infrastructure.

**What is GLUE?**

AWS Glue is a fully managed extract, transform, and load (ETL) service provided by Amazon Web Services (AWS). AWS Glue simplifies the process of organizing and preparing your data for analysis by automatically discovering its structure, creating a catalog, and performing transformations. This helps you get valuable insights from your data more efficiently.

**What is Redshift?**

It is a database service, a columnar stored database. Instead of reading your rows, it reads your column. It can manage a large amount of data (Pata Byte). So in AWS, it helps you store & analyze data. It’s like having a super-powered database that can easily handle big data tasks.

**What is IAM role?**

IAM stands for Identity and Access Management. The IAM role is like a permission slip that allows programs and services to accomplish different AWS tasks without using personal login details. It helps us to create users, groups, and roles to access different resources.

**What is Crawler?**

AWS Glue Crawler is a service provided by Amazon Web Services (AWS) that automatically discovers and catalogs metadata about your data sources. It simplifies the process of discovering and cataloging data, making it easier to work with and analyze your datasets using other AWS services like AWS Athena, AWS Redshift, or AWS Glue ETL jobs.

**What is Athena?**

Athena works like a powerful search engine for your data. You simply write SQL queries like you would in a database, and Athena scans through your data to give you the results you need. It can handle structured, semi-structured, and even unstructured data.

**What is Quick Sight?**

Quick sight is a business-centric service. A business intelligence (BI) service. You can connect multiple data sources and quickly visualize in the form of a Graph with little to no programming knowledge. It simplifies the process of gaining, analyzing, and sharing information with others.

**What is Lambda?**

Lambda in AWS is a service provider that allows you to run your code without having to manage servers. It is just like a computer that runs your code automatically for you. But in order for Lambda to play its role you need to give access to Lambda Function to database, storage, etc.

**What is EC2?**

EC2 stands for Elastic Cloud Compute. In order to make the server in AWS which runs on EC2, The EC2 role here is like a special permission package that you can give to the EC2 instance. It allows instances to access other AWS services securely without providing explicit credentials.