

1. S3 (Amazon Simple Storage Service): S3 is a globally accessible storage service provided by AWS. It allows users to store and retrieve files and objects in the cloud. In the transcript, an S3 bucket is created, and a file is uploaded to it.
2. IAM role (Identity and Access Management role): IAM roles are used to manage access and permissions for AWS resources. In the transcript, an IAM role is created for EC2 instances to allow access through Systems Manager.
3. GLUE: AWS service for extract, transform, and load (ETL) tasks, enabling easy data integration and preparation. It crawls, catalogs, and transforms data from various sources, making it ready for analysis and querying.
4. Lambda: Lambda is a serverless computing platform offered by AWS, where users can upload their code as functions and have them executed without the need for managing servers, paying only for the compute time used.
5. RDS (Relational Database Service): AWS service for managing and scaling relational databases such as MySQL, PostgreSQL, and Oracle. It automates administrative tasks and provides high availability and durability for databases.
6. Redshift: AWS data warehousing service designed for processing and analyzing large datasets. It offers fast query performance and scalability, making it suitable for data analytics and business intelligence.
7. Crawler: A component in AWS Glue that automatically discovers and extracts metadata from various data sources, enabling efficient data cataloging and organization for data processing and analytics.
8. Athena: AWS service for running ad hoc SQL queries on data stored in S3, without the need for managing infrastructure. It enables querying structured and semi-structured data using standard SQL syntax, making it easy to analyze data directly from S3.
9. EC2 (Elastic Compute Cloud): EC2 is a web service that provides resizable compute capacity in the cloud. In the transcript, EC2 instances are launched, and topics related to instances, such as SSH access, Systems Manager, creating AMIs, auto scaling groups, and terminating instances, are discussed.
10. Quicksight: Quicksight is a business intelligence service provided by AWS that allows users to connect multiple data sources and easily visualize data through graphs and dashboards without requiring extensive programming knowledge.