

Serverless Data Processing Pipeline

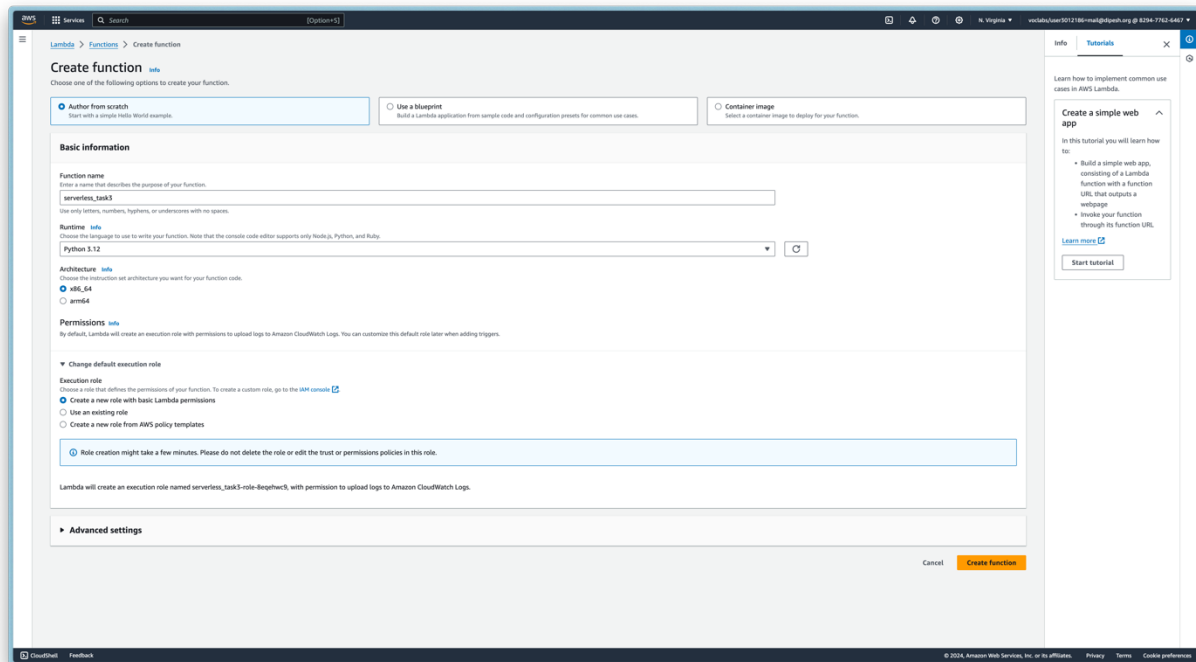
Objective: Build a serverless pipeline for processing data (e.g., log processing or ETL jobs).

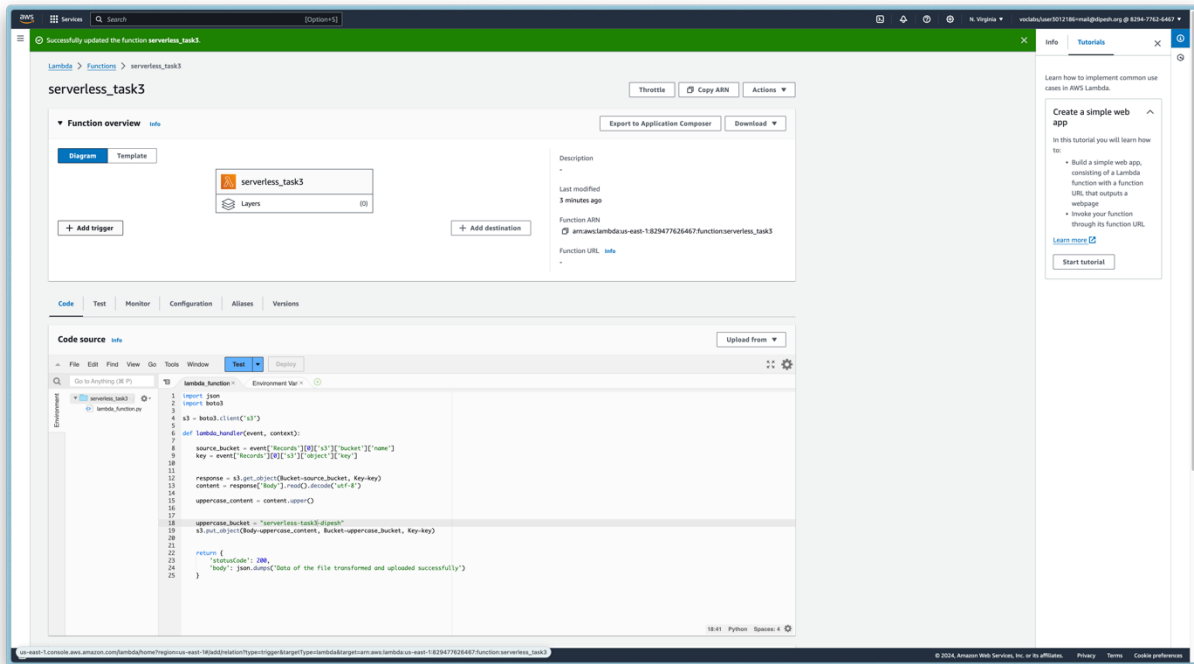
Approach:

- **Data Ingestion:** Use AWS services like S3 or Kinesis to ingest data.
- **Processing:** Create Lambda functions to process the ingested data.
- **Storage:** Store the processed data in an appropriate AWS service, like S3 or DynamoDB.
- **Monitoring:** Set up CloudWatch to monitor the pipeline's performance and to log any issues.

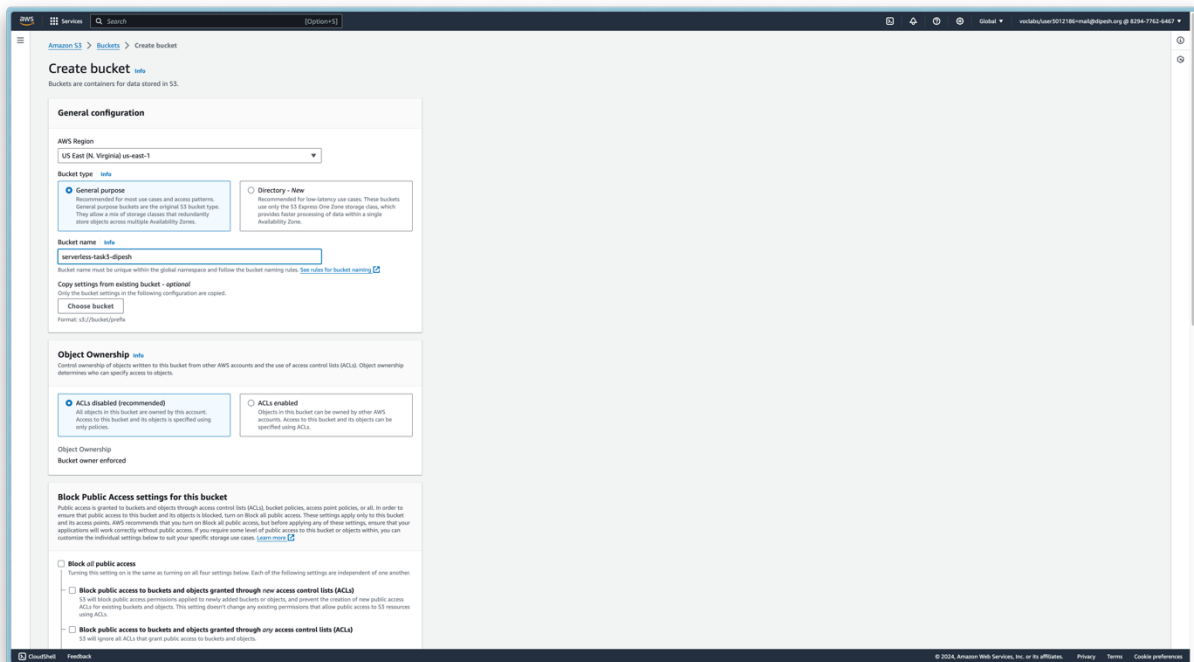
Goal: Learn to build a serverless data processing pipeline, understanding the flow of data through various AWS services.

Create a lambda function

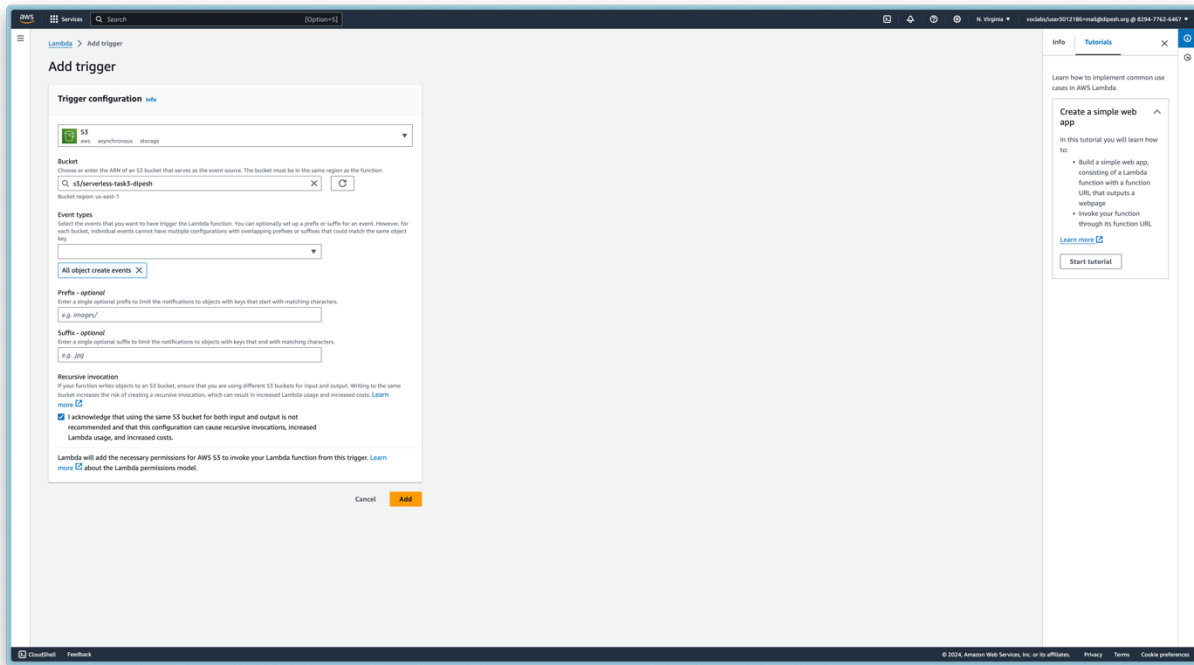




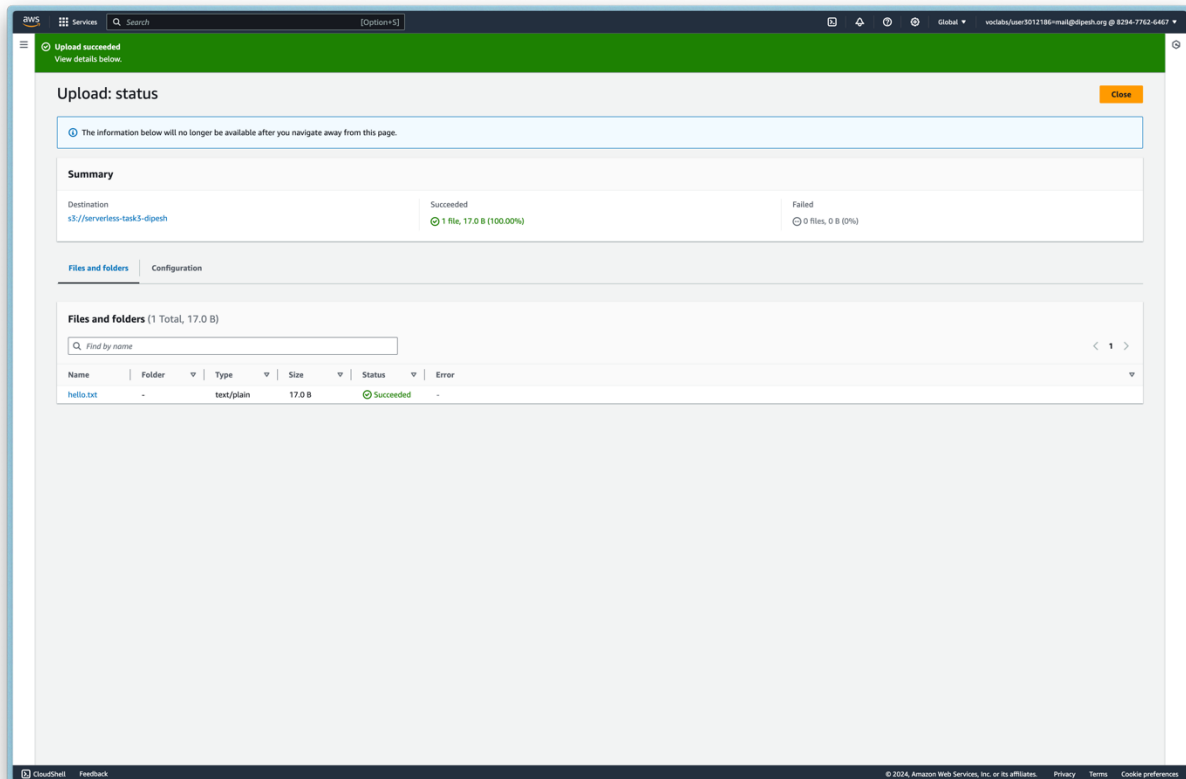
Create a S3 bucket



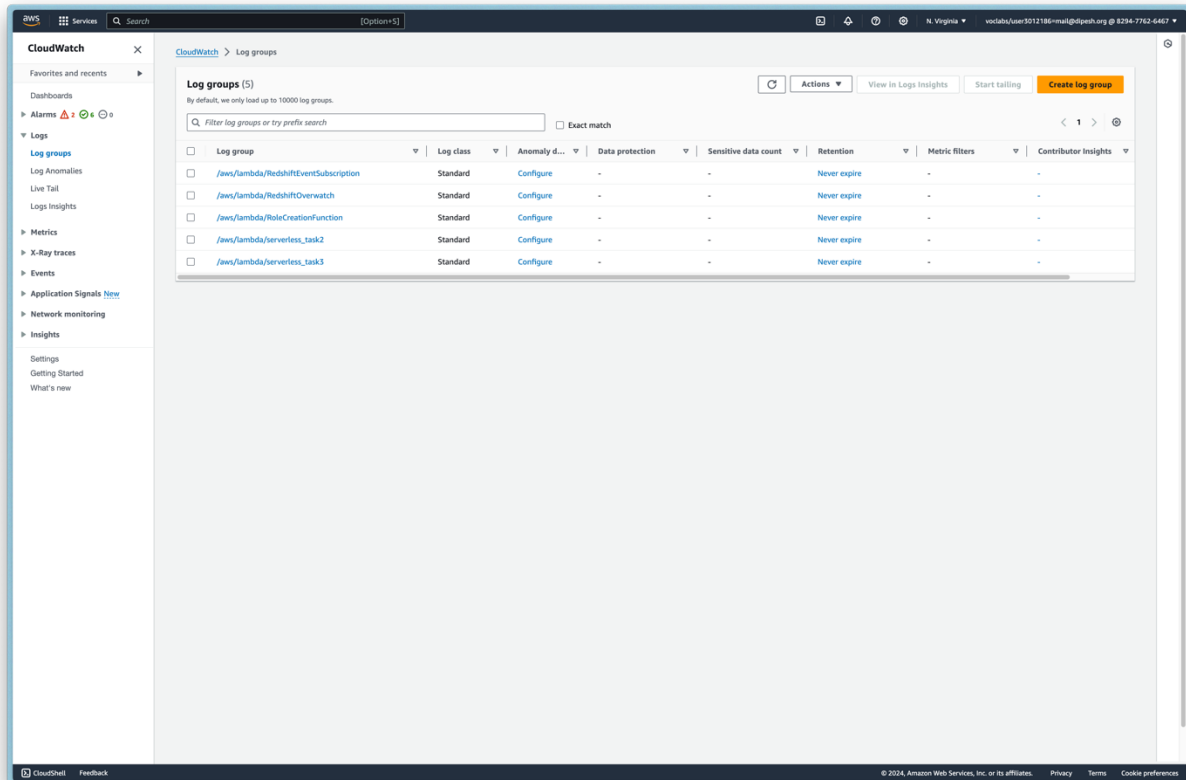
Add S3 as a trigger to the lambda function

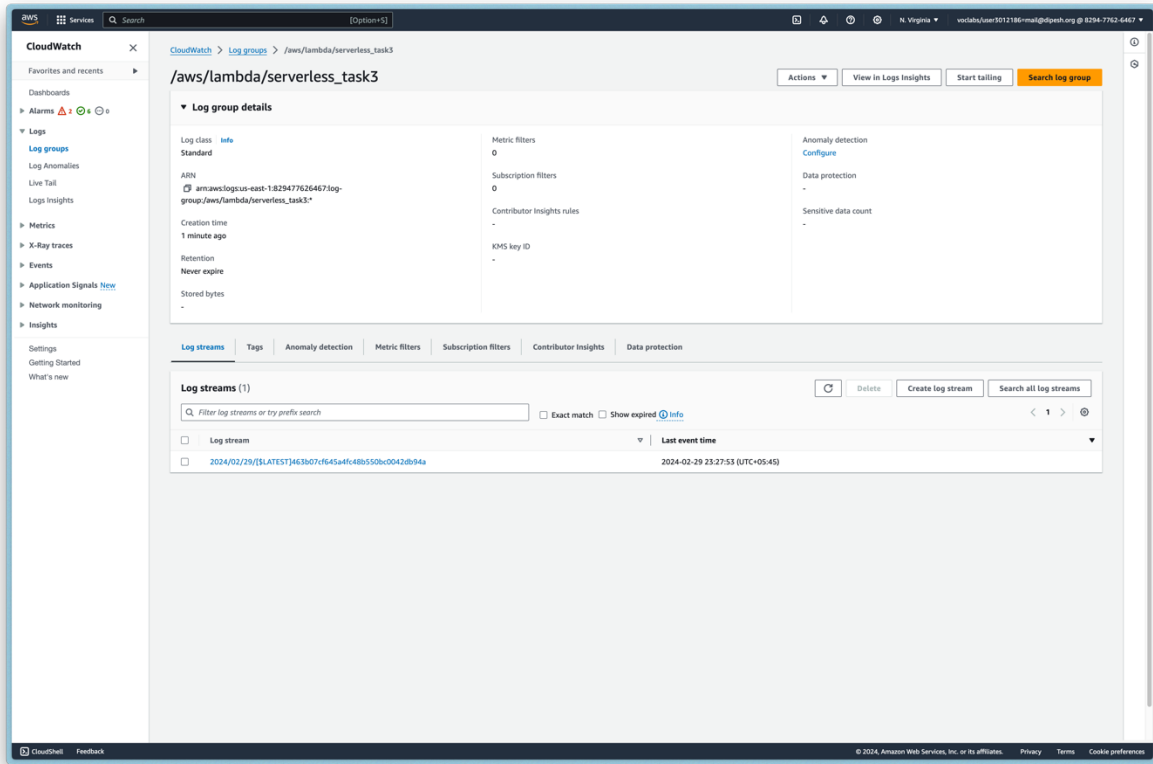


Upload a text file to S3 with lower case.



The lambda is triggered, we can monitor this in CloudWatch





Once, lambda is triggered, the text in text file is uppercased.

