⚙　　👤 anyamanee ▾

Serverless x GenAI BKK Workshop ‹

Generative AI at scale: Serverless workflows for enterprise-ready apps

[Pre-requisite] Enable foundation model access in Amazon Bedrock

[Pre-requisite] Configuring the front-end application

▶ Playground

▼ Use cases

　▷ Building a RAG pipeline

　▼ Document extraction and summarization

　　▷ Intelligent document processing with Generative AI

　　▼ **Scaling with serverless workflows**

　　　Building the workflow

　　　Verifying the workflow execution

　　　High level Code Walkthrough

　　　Scheduling using Amazon EventBridge Scheduler (Optional)

　　　Additional summarization techniques (Optional)

　　　Summary

▶ Workshop Cleanup

▼ **AWS account access**

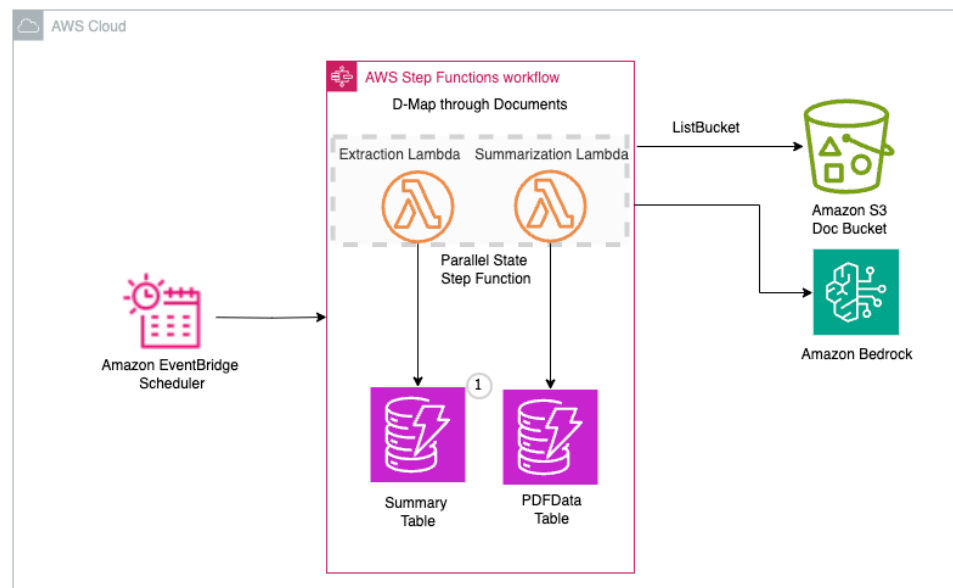　Open AWS console (us-west-2) 🗐

　Get AWS CLI credentials

　Exit event

Event dashboard › Use cases › Document extraction and summarization › Scaling with serverless wo...

Scaling with serverless workflows

Architecture

PDF Extraction and Summarization Workflow:

The following is an architecture of how the summarization is done in the module. As this is a batch summarization process, an EventBridge scheduler is scheduled to kick off the workflow at regular intervals or one time. The scheduler invokes a Step Functions workflow which iterates on the documents you might have in the configured S3 bucket. During the process, each document is summarized as well as some key data is extracted and stored in Amazon DynamoDB for further retrieval.

Previous　　Next