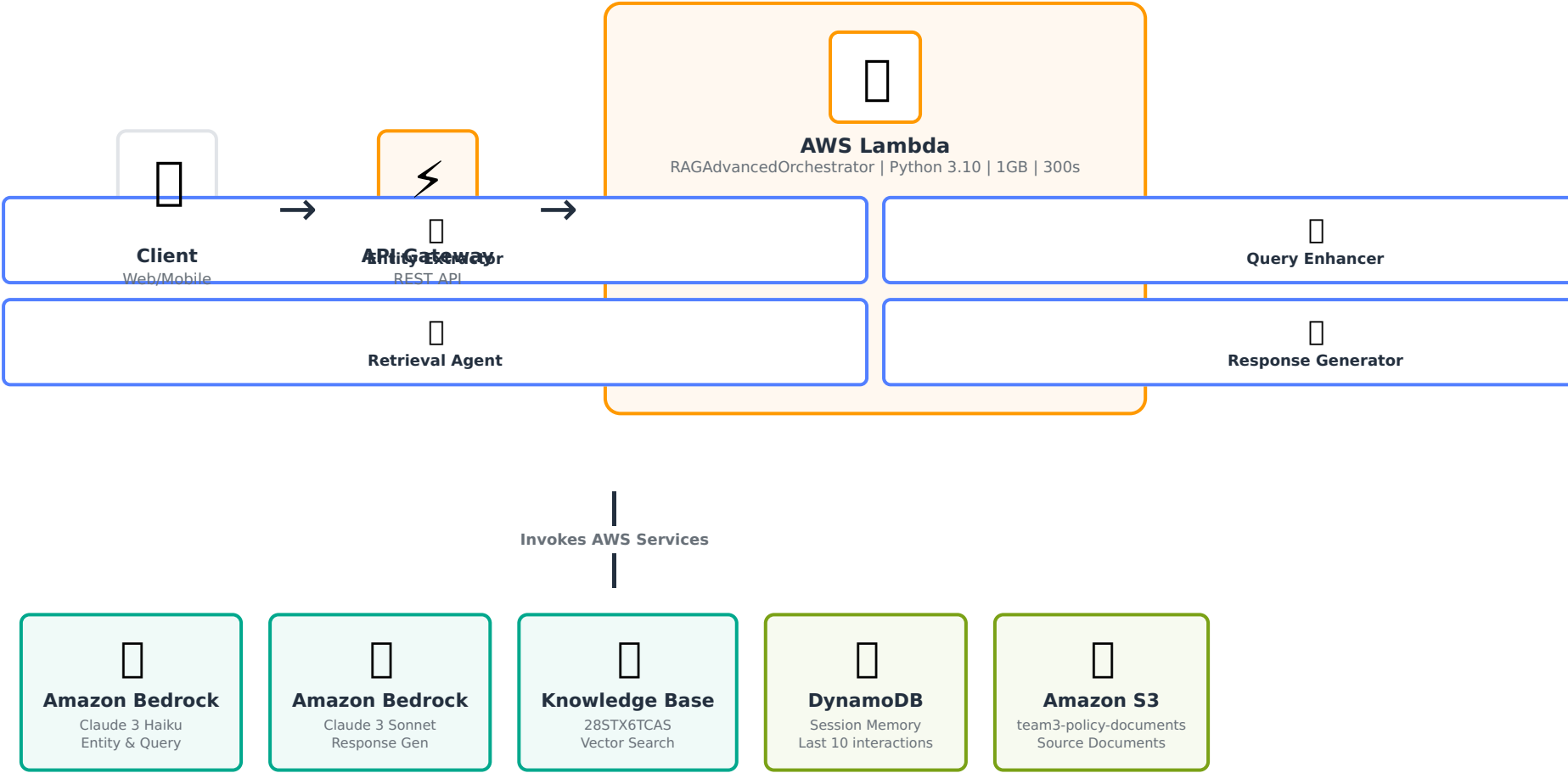


# RAG Starter - Multi-Agent Architecture

Serverless RAG Application with Amazon Bedrock Knowledge Base | Region: us-east-1 | Stack: rag-api



## Request Flow

1. Client → API Gateway (POST /rag)
2. API Gateway → Lambda
3. Load session from DynamoDB
4. Extract entities (Haiku)
5. Enhance query (Haiku)
6. Retrieve docs (KB)
7. Generate response (Sonnet)
8. Save session to DynamoDB
9. Return to client

## Technical Specs

**Region:** us-east-1  
**Stack:** rag-api (AWS SAM)  
**Lambda:** Python 3.10, 1024MB, 300s  
**Knowledge Base:** 28STX6TCAS  
**Data Source:** WZL8ZFE8LW  
**S3 Bucket:** team3-policy-documents  
**DynamoDB:** rag-conversation-memory  
**Haiku:** claude-3-haiku-20240307-v1:0  
**Sonnet:** claude-3-sonnet-20240229-v1:0

## Data Source Explained

**Data Source ID: WZL8ZFE8LW** (S3PolicyDocs) connects the S3 bucket **team3-policy-documents** to Knowledge Base **28STX6TCAS**. When documents are uploaded to S3, this data source ingests them, creates vector embeddings, and indexes them for semantic search. The Retrieval Agent queries the Knowledge Base to fetch the top 5 most relevant documents based on the enhanced query.