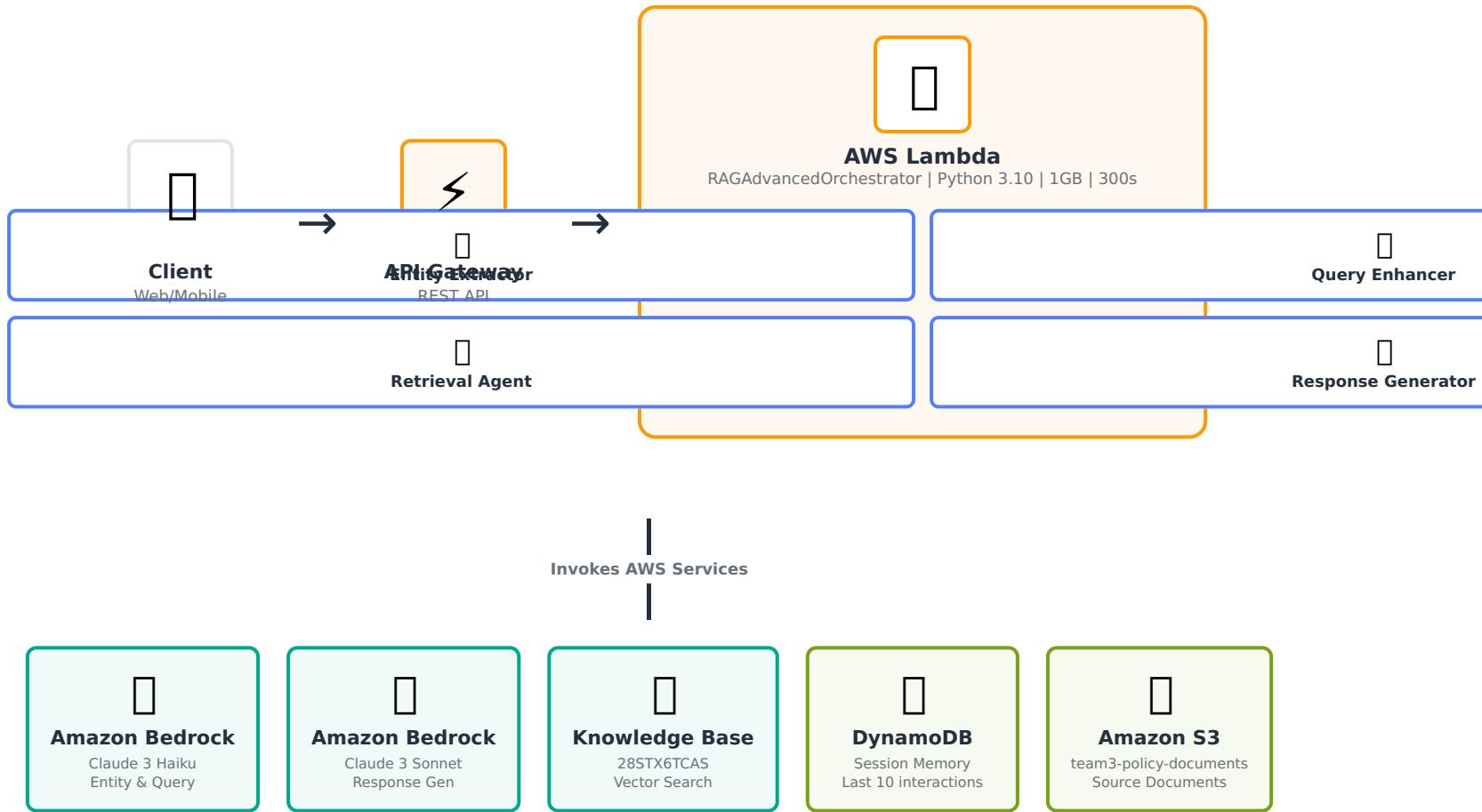


RAG Starter - Multi-Agent Architecture

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.