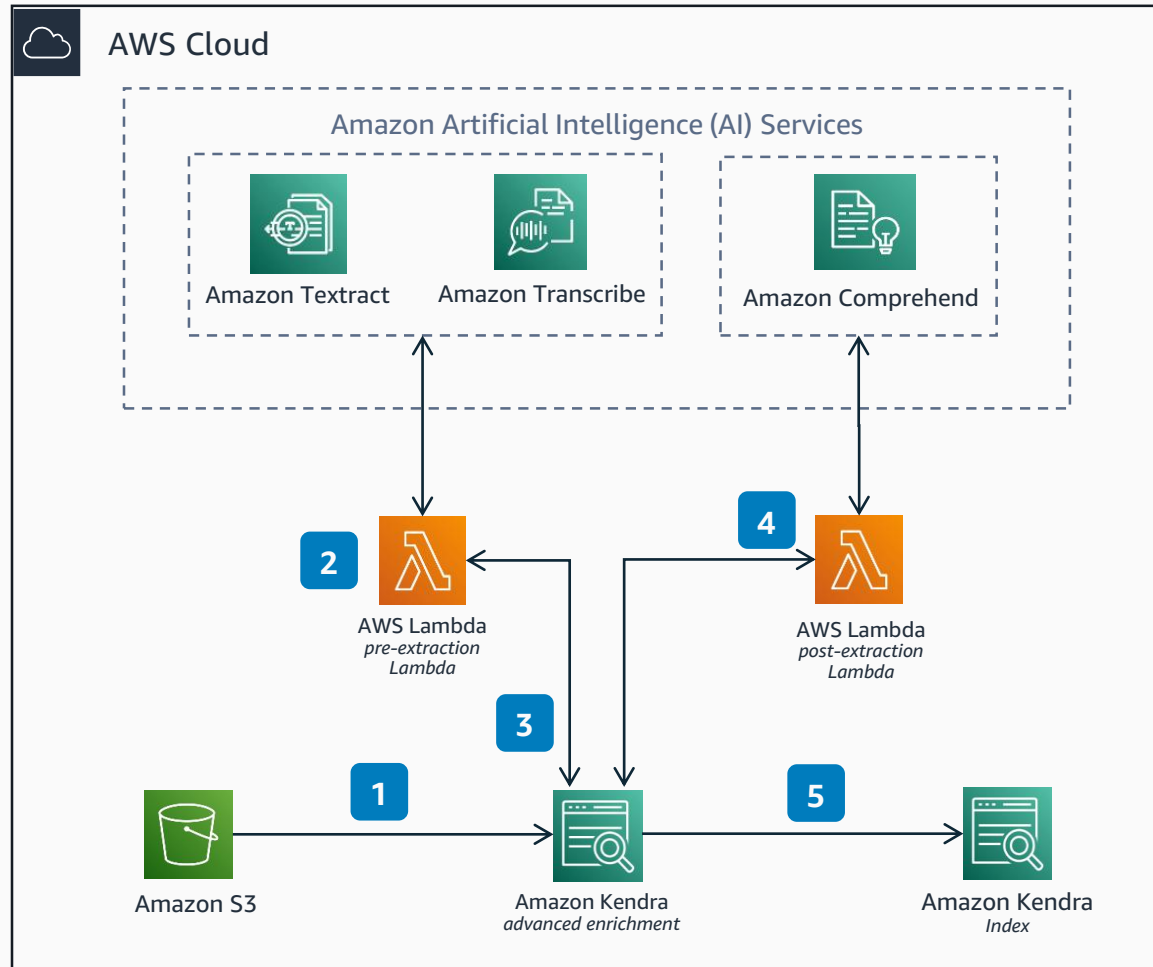


# Guidance for Enhanced Document Search Using Content and Metadata Enrichment on AWS

Enhance search experiences by adding metadata to your document with custom document enrichment using Amazon Kendra.



- 1 **Amazon Kendra** ingests documents from **Amazon Simple Storage Service (Amazon S3)** as a data source.
- 2 Through the advanced Custom Document Enrichment operation, **AWS Lambda** calls **Amazon Textract** to retrieve text from documents and images and **Amazon Transcribe** to retrieve text from audio and video files.
- 3 **Amazon Kendra** ingests text results returned from **Amazon Textract** and **Amazon Transcribe** with a post-extraction **Lambda** function.
- 4 Using the advanced Custom Document Enrichment operation, **Lambda** calls **Amazon Comprehend** to detect entities from the text ingested by **Amazon Kendra** and returns the entities with a post-extraction **Lambda** function.
- 5 Entities detected are used to update the document metadata, which is presented as facets in an **Amazon Kendra** search.

