



Architecture Diagrams

Content Moderation and Compliance Using AWS AI Services



Content Moderation and Compliance Using AWS AI Services:

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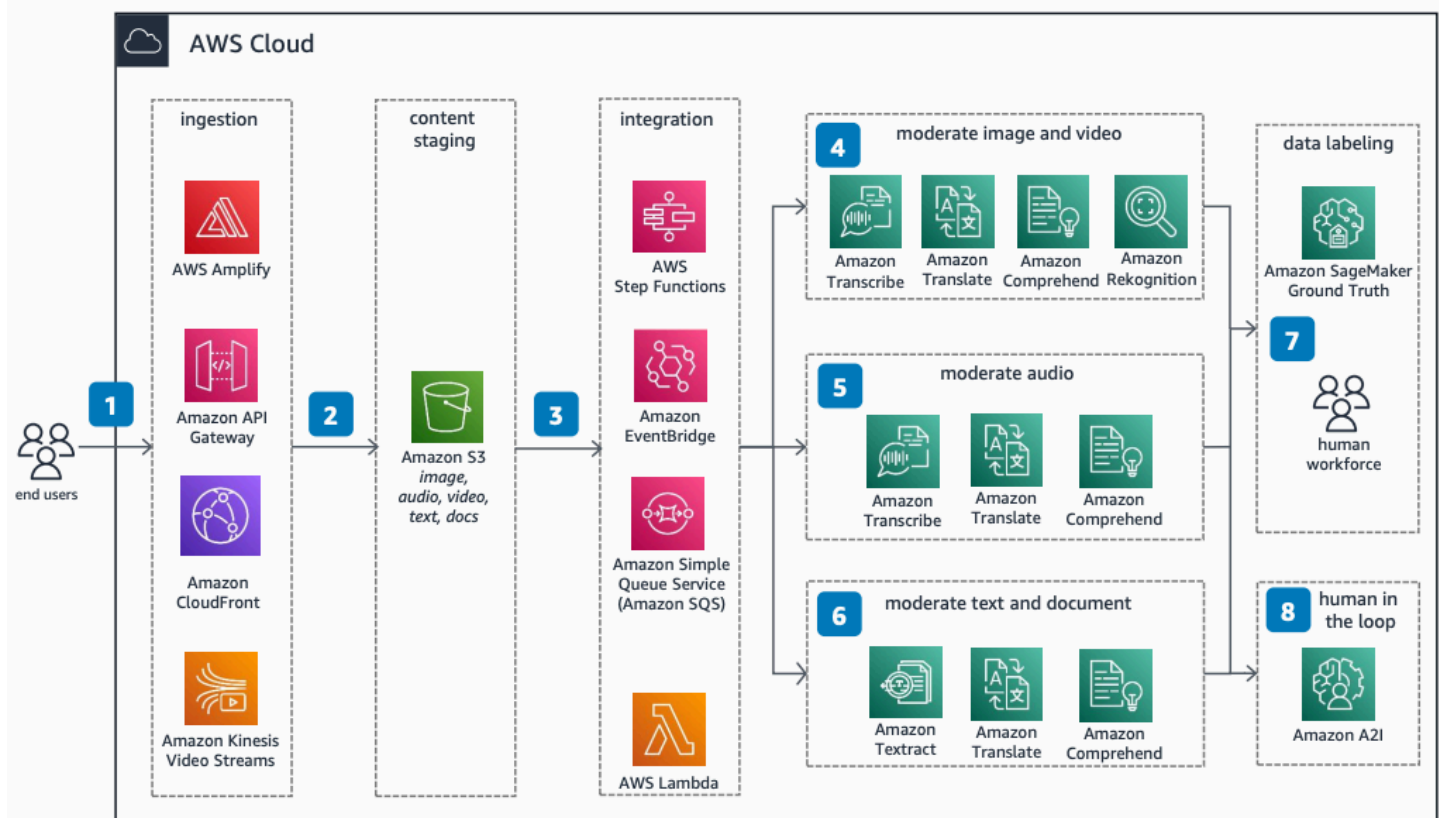
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Content Moderation and Compliance Using AWS AI Services

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This architecture shows how to build customizable serverless workflows for reliable and scalable AI-based content moderation. With AWS AI services, you can automate content analysis across multiple media types.

Content Moderation and Compliance Using AWS AI Services



The following steps describe the architecture:

1. End users upload their content into the AWS Cloud.
2. [Amazon Transcribe](#) and [Amazon Rekognition](#) process the audio streams within video streams. They extract content moderation categories by using simple APIs.
3. Workflows, publisher/subscription patterns, and custom code moderate the content.
4. Content securely persists into an [Amazon Simple Storage Service](#) bucket or another data store.

5. Amazon Transcribe converts audio into text. [Amazon Comprehend](#) provides natural language processing (NLP) for analysis.
6. [Amazon Textract](#) extracts content from documents. Amazon Comprehend NLP moderates the extracted content.
7. [Amazon SageMaker AI Ground Truth](#) integrates human workforces to customize model vocabularies and image labels.
8. [Amazon Augmented AI \(Amazon A2I\)](#) brings humans into the loop for scenarios that are not fully automatable.

Further reading

For additional information, refer to the following resources:

- [AWS Architecture Icons](#)
- [AWS Architecture Center](#)
- [AWS Well-Architected](#)
- [Amazon Rekognition product page](#)

Diagram history

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