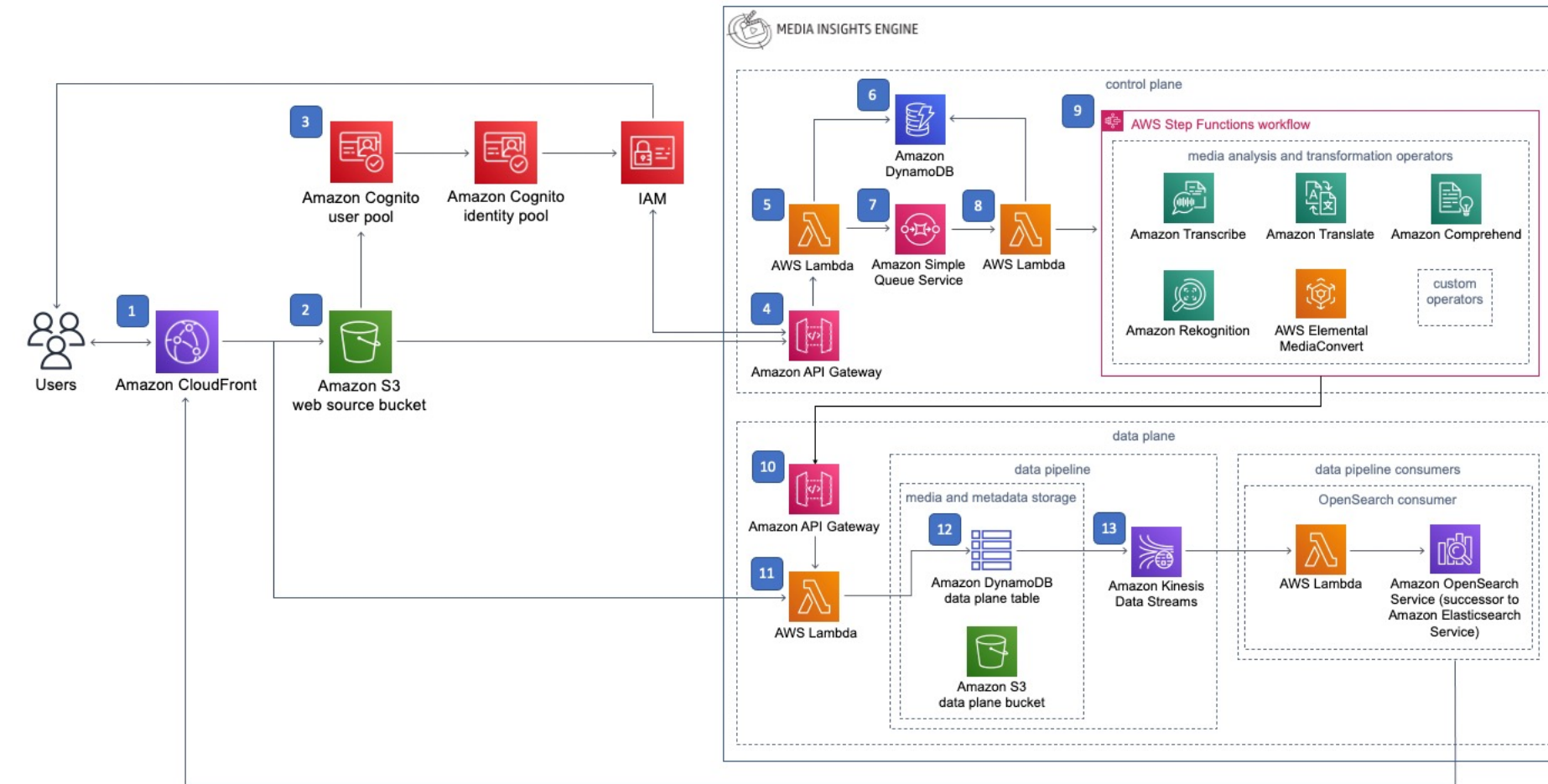


# AWS Content Analysis

The AWS Content Analysis solution helps you to obtain a broader understanding of your media libraries; and analyze and extract valuable metadata. To deploy this solution using the available AWS CloudFormation template, select **Deploy with AWS**.



- 1 An **Amazon CloudFront** distribution to serve the static web application.
- 2 An **Amazon S3** web source bucket for hosting the static web application.
- 3 An **Amazon Cognito** user pool and identity pool to provide a user directory and federation with **IAM** for authentication and authorization to the web UI.
- 4 An **Amazon API Gateway** REST API for control plane workflow operations.
- 5 An **AWS Lambda** function to support the control plane REST API.
- 6 **Amazon DynamoDB** tables to store workflow-related data.
- 7 **Amazon SQS** resources to limit the total number of concurrently running workflows.
- 8 A **Lambda** function for checking workflows runs in DynamoDB.
- 9 Two **AWS Step Functions** workflows for media analysis.
- 10 An **API Gateway** REST API for CRUD functionality in the data plane.
- 11 A **Lambda** function to support the data plane REST API.
- 12 A **DynamoDB** table and an **S3** bucket to record and store media and metadata.
- 13 **Amazon Kinesis Data Streams** resources to provide an interface for **Amazon OpenSearch Service** to access and index media metadata. A Lambda function loads media metadata into the Amazon OpenSearch Service cluster.