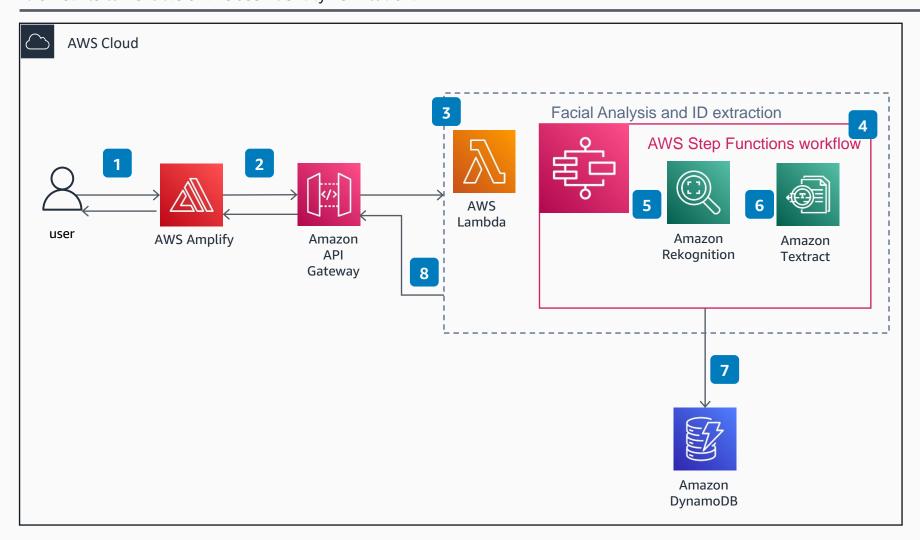
## **Guidance for Identity Verification on AWS**

Onboard and authenticate users in seconds while detecting fraudulent or duplicate accounts In-person user identity verification is slow to scale, costly, and high friction for users. Machine learning powered facial biometrics can enable online user identity verification.



- Users access the front-end web portal hosted within the **AWS Amplify** and submit a selfie image and/or a valid ID card.
- AWS Amplify routes the request to endpoints hosted in Amazon API Gateway
- Amazon API Gateway invokes AWS
  Lambda functions to start analysis of
  submitted image
- User registration and verification is built on AWS Step Functions to invoke Amazon Rekognition and Amazon Textract, which uses machine learning (ML) to understand the context of identity documents such as U.S. passports and driver's licenses without the need for templates or configuration.
- Analysis of user submitted image is performed by **Amazon Rekognition.**
- When user submits an ID card for registration, user information is extracted using **Amazon Textract.**
- 7 This information is stored in **Amazon DynamoDB**.
- 8 Verification status is returned to the frontend web portal.