图像处理架构 Images Processing Architecture

本架构主要使用Lambda+SQS进行图像处理架构
This architecture mainly uses Lambda+SQS for image processing architecture

上传图像
Upload Images

登录Log In

获取临时凭证
Get Temporary credentials

Amazon API Gateway

安全与权限边界
Security and Permission Boundaries

Amazon Cognito

Cloud IAM

调用上传函数Call the upload function

控制访问
Controlling Access

Lambda Upload Images

发送处理消息Send Processing Message

Amazon SQS

控制访问
Controlling Access

触发处理函数
Trigger Handler

存储元数据
Store Metadata

保存原始图像
Save Original Image

Lambda Process Images

发送处理完通知
Send Processing Completed Notification

邮件/短信通知
Email / SMS Notification

更新处理状态
Update Processing Status

读取原始图像Read Original Image

保存处理后的图像
Save Processed Image

处理图像
调整尺寸/添加水印等
Working with Images
Resize / Watermark etc

Amazon SNS

Amazon DynamoDB

Amazon S3 Original Images

Amazon S3 Processed Images

生命周期策略
Lifecycle Policy

S3生命周期
S3 Life Cycle

标准存储
Standard Storage

标准不频繁存储
Standard Infrequent Storage

冰川存储
Glacier Storage