AWS SERVERLESS Architecture - New app development project

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End user / Client machines

aws AWS Cloud

Route 53

1

AWS Cloudfront

5

AWS S3

AWS Cognito

1 Route 53 to let users discover the service points, with built in routing policies to route users based on latency or geography

2 Store assets (static files such as html, js, css) in S3 and globally distributed cache for content with AWS CloudFront

3 Authorization is done with AWS Cognito

AWS API Gateway

4

2

Admin Lambda function

App API Lambda function

4 Amazon API Gateway requests functions that performs additional logic

5 CloudFront set up before the API gateway and S3 to effectively reduce backend latency with Caching.

6 AWS Cognito manage authentication flow to help federate Social and Enterprise identity

Web static files

Dynamo DB

7

S3 Bucket

7 Dynamo DB for Persistent Storage