

# AWS re:Invent

NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

# Build a serverless web application for a theme park

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AWS

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AWS

# General housekeeping

- Running time is 2 hours
- AWS account will be provided: Please use the access code.
- This account is temporary
- Questions? We are here to help!

# Prerequisites

- Workshop cannot be completed with a tablet
- Compatible with Chrome/Firefox (not Safari)
- Familiarity with the AWS Management Console

# The AWS services you will be using today

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## Developer tools



AWS Amplify



AWS CodeCommit



AWS Cloud9

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## Backend services



AWS Lambda



Amazon API  
Gateway



Amazon Simple  
Storage Service  
(Amazon S3)



Amazon  
DynamoDB



Amazon Simple  
Notification Service  
(Amazon SNS)



AWS IoT Core

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# AWS Cloud9

- Fully featured cloud-based IDE
- Integrated tools for serverless development
- Built-in terminal and temp space
- Provisioned bandwidth in AWS network (not dependent on Wi-Fi)
- This workshop is 100% browser-based: Please do not use your local IDE or terminal

# Welcome to Innovator Island



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#InnovatorIsland

# Today's adventure



- Module 1: Set up the app
  - Deploy the frontend and backend applications
- Module 2: Ride wait times
  - Integrate your app with the ride systems so guests can see wait times
- Module 3: Ride photos
  - Build a photo-processing flow so guests can take selfies around the park
- Module 4: Bonus – Translation
  - Help international guests understand the app by adding language translation

# Module 1: Deploy the frontend/backend

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Frontend



AWS Amplify



AWS CodeCommit



AWS Cloud9

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Backend



AWS Cloud9

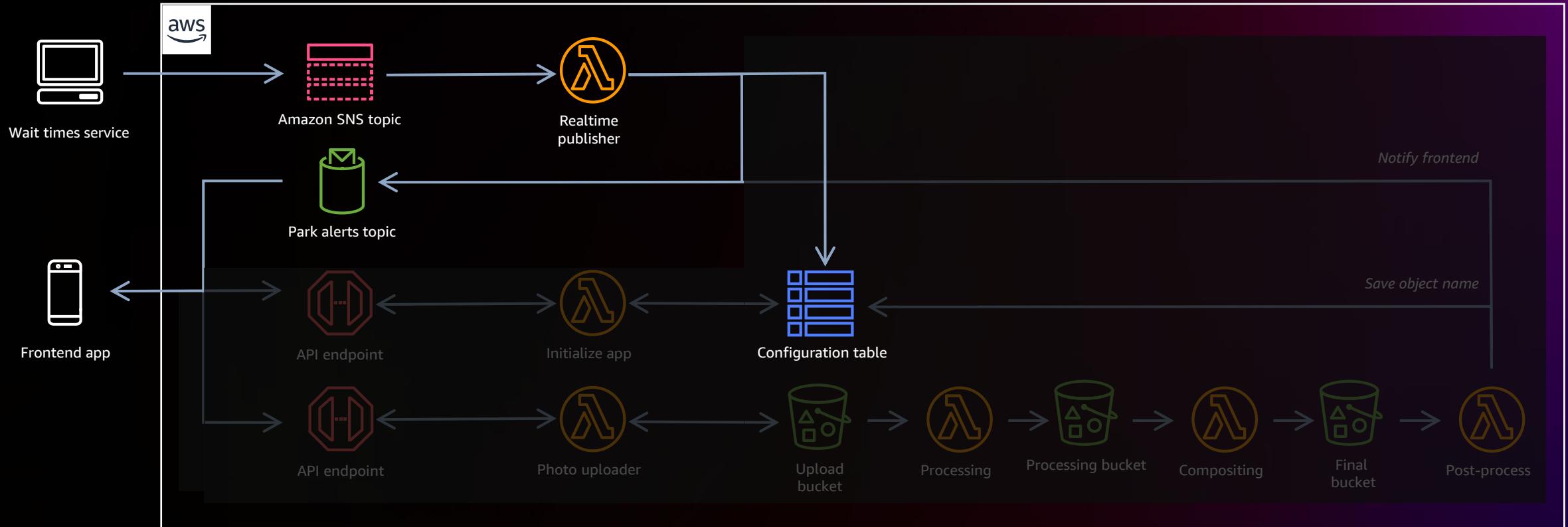
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# Today's adventure



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# Module 2: Ride wait times

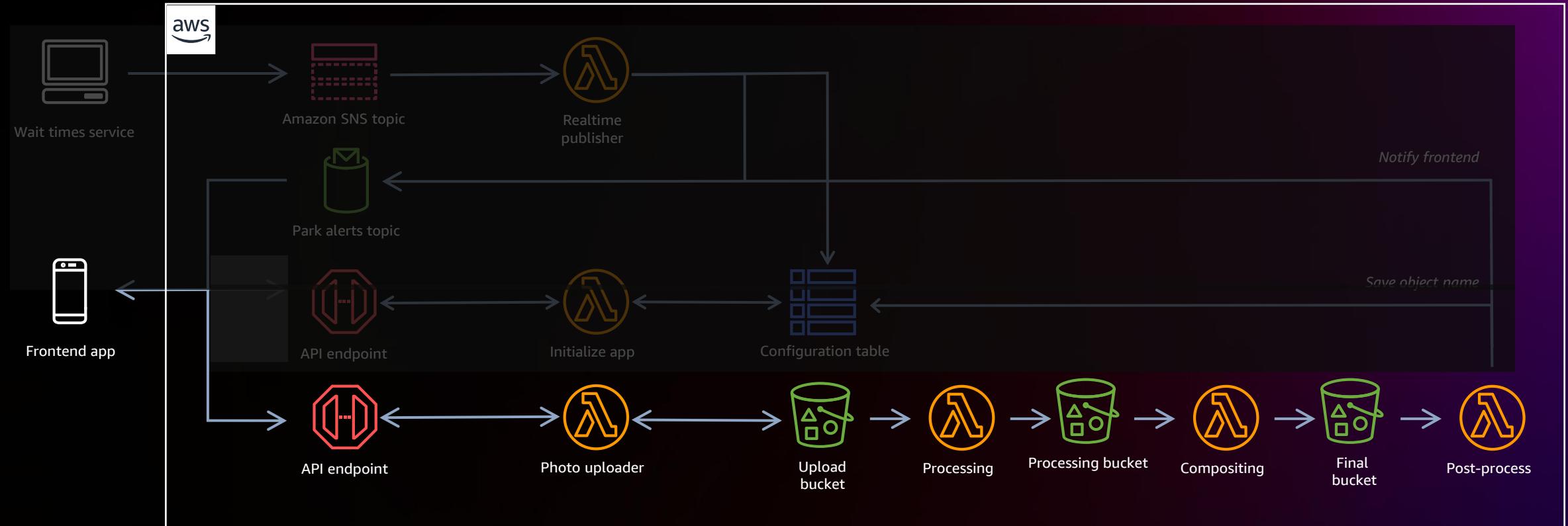


# Today's adventure



- Module 1: Set up the app
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# Module 3: Ride photos



# Today's adventure



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  - Build a photo-processing flow so guests can take selfies around the park
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Start your adventure at  
<https://s12d.com/theme-park>



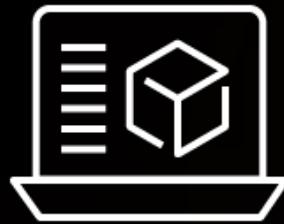
#InnovatorIsland

# Check out these other sessions

- **SVS302: Architecting secure serverless applications**
- **API302: Building global event-driven applications**
- **SVS306: Serverlesspresso: Building an event-driven application from the ground up**
- **API312: How to select the right application integration service**

# Continue your AWS Serverless learning

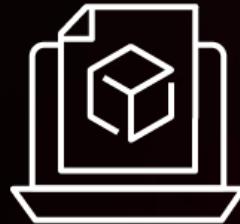
Learn at your  
own pace



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knowledge



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# Thank you!

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Please complete the session  
survey in the **mobile app**



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