

AWS re:Invent

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

SVS202-R

Build a serverless web application for a theme park

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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

Developer tools



AWS Amplify



AWS CodeCommit



AWS Cloud9

Backend services



AWS
Lambda



Amazon API
Gateway



Amazon Simple
Storage Service
(Amazon S3)



Amazon
DynamoDB



Amazon Simple
Notification Service
(Amazon SNS)



AWS IoT Core

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





#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

Frontend



AWS Amplify



AWS CodeCommit



AWS Cloud9

Backend



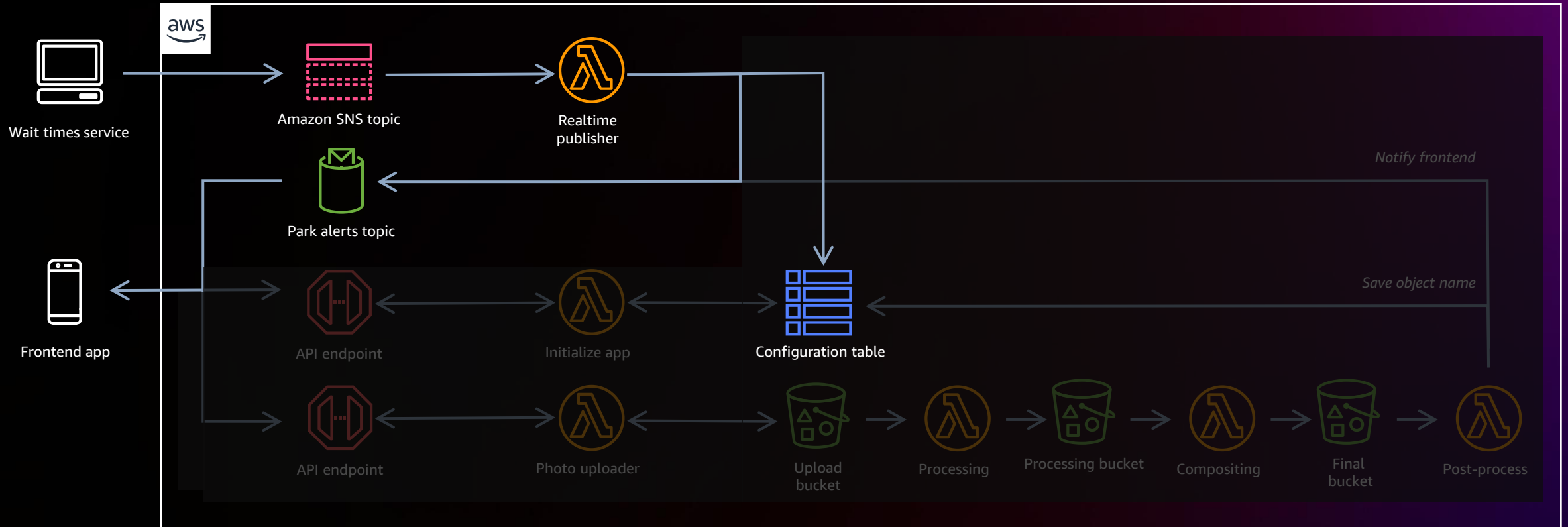
AWS Cloud9

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Module 2: Ride wait times

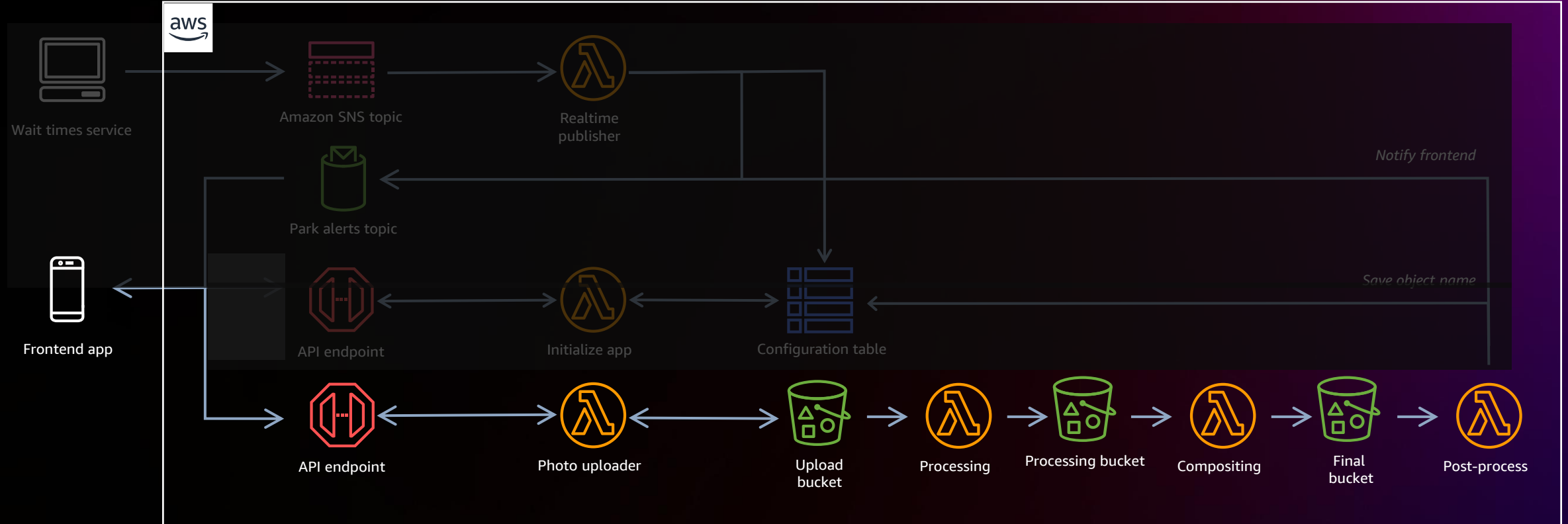


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Module 3: Ride photos



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Start your adventure at
<https://s12d.com/theme-park>



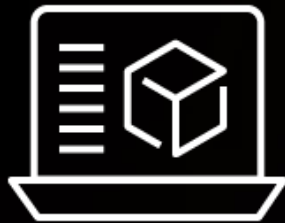
#InnovatorIsland

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**

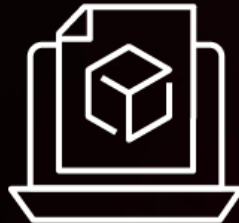
Continue your AWS Serverless learning

Learn at your
own pace



Expand your serverless
skills with our Learning Plan
on **AWS Skill Builder**

Increase your
knowledge



Use our **Ramp-Up Guides**
to build your serverless
knowledge

Earn AWS
Serverless badges




Demonstrate your
knowledge by earning
digital badges




<https://s12d.com/serverless-learning>

Thank you!

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



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