

AWS re:Invent

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

Improving development ergonomics

Richard Boyd

Senior Product Manager Technical
AWS

Michael Ohde

Senior Solutions Architect
AWS

Agenda

Define development ergonomics

Workshop scenario

Review development workflow

Workshop details

Hands-on workshop

Development ergonomics

DEFINE DEVELOPMENT ERGONOMICS

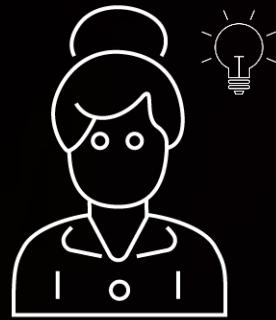
The developer experience during the development process

Shift left –

Improve the experience by providing **tooling** to efficiently **build**, **test**, and **debug** modern serverless applications

Developer at finance firm

WORKSHOP SCENARIO



Manager has an **idea** for a new application



Build a stock trading service

*Buy when low
Sell when high*



Sit back and **collect** the profits

Application workflow

REVIEW DEVELOPMENT WORKFLOW

Development

Mid-Stage(s)

Production

Speed is critical

Quality is critical

Development workflow

REVIEW DEVELOPMENT WORKFLOW

Development



Code the application

Test and build locally

Deploy to developer environment

Debug and **trace** service end-to-end

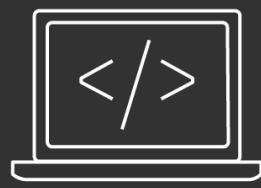
Analyze and **optimize** performance

Push code to repository

Workshop overview

WORKSHOP DETAILS

LAB 1



Code the application

LAB 2



Test and build locally

LAB 3



Deploy to developer environment

LAB 4



Debug and trace service end-to-end

LAB 5



Analyze and optimize performance



Push code to repository

Emphasis on some of the **tools** for **speed**

Workshop logistics

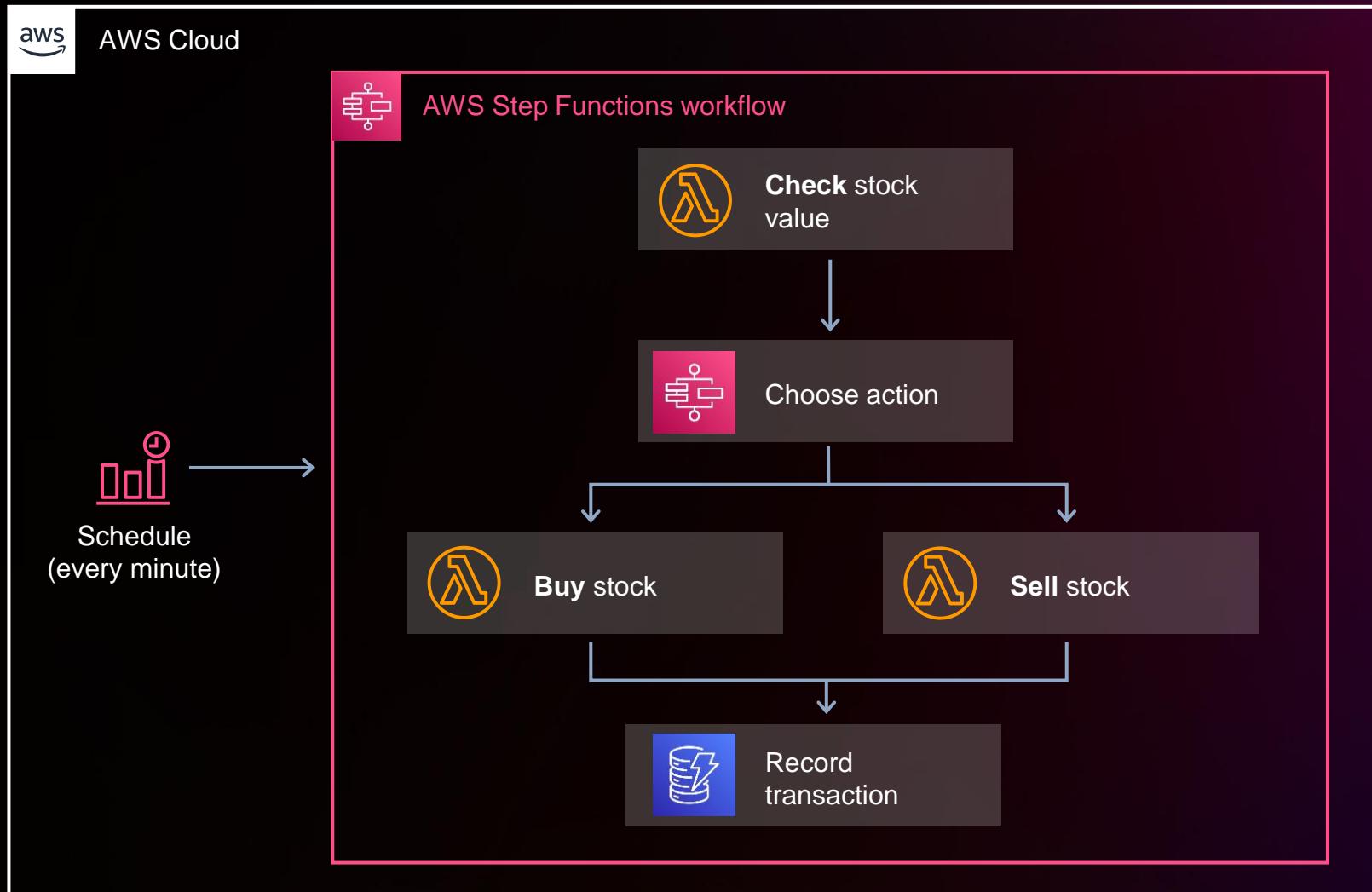
WORKSHOP DETAILS

Workshop studio – accounts will be provisioned for you to run today's labs

Workshop moderators – workshop moderators will walk around the room to help you

Stock trader architecture

WORKSHOP DETAILS



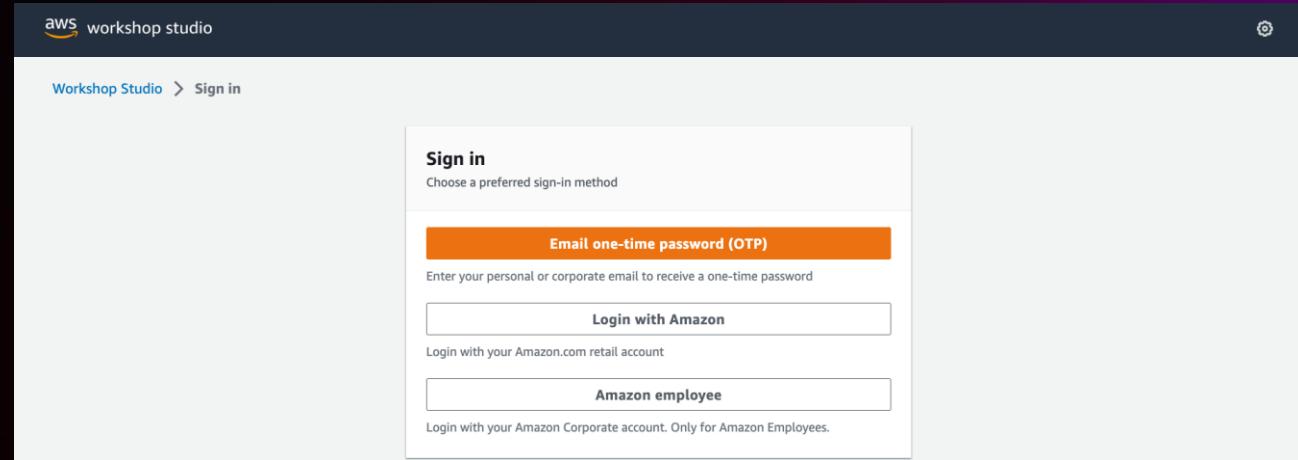
Hands-on workshop

Workshop studio: <https://s12d.com/dop311>

Access code: a3d0-0d13be-9f



Step 1: Click **Email one-time password (OTP)** button.



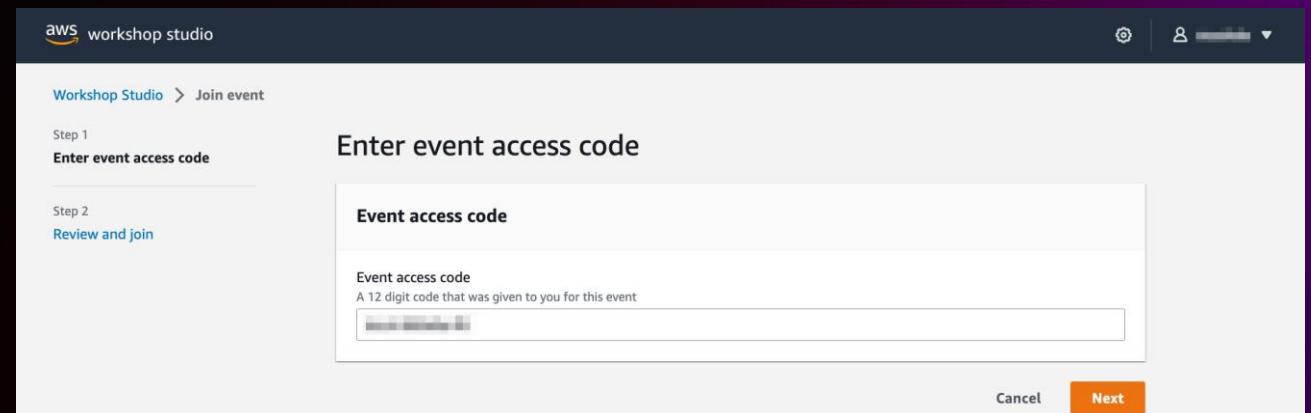
Hands-on workshop

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Step 2: Enter event access code.
The link should autofill this for you.



Hands-on workshop

Workshop studio: <https://s12d.com/dop311>

Access code: a3d0-0d13be-9f



Step 3: Read and agree to the Terms and Conditions.
Click the **Join event** button.

Workshop Studio > Join event

Step 1
Enter event access code

Step 2
Review and join

Review and join

Event details

Name	Start time	Duration	Level
[REDACTED]	[REDACTED]	[REDACTED]	-

Description
[REDACTED]

Terms and Conditions
Read and accept before joining the event

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Thank you!

Richard Boyd

rhboyd@amazon.com

Michael Ohde

ohd@amazon.com

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