

AWS re:Invent

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Workflow automation from development to deployment with Amazon CloudFront

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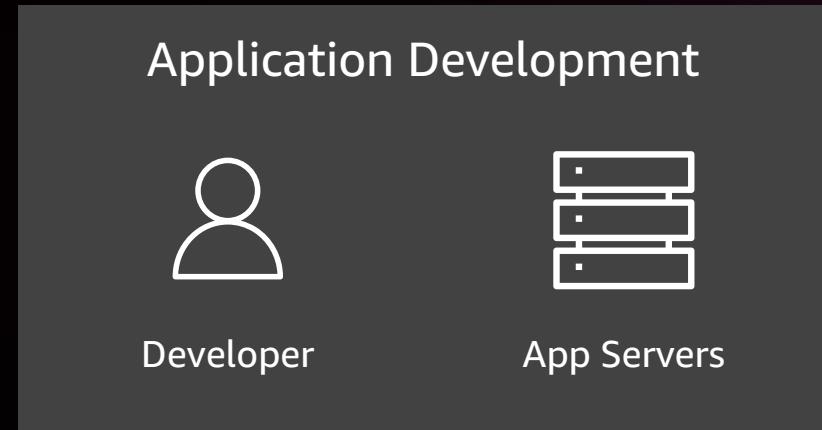
Agenda & housekeeping

This is a hands-on workshop, and requires a laptop connected to WiFi.

- Challenges for Developers and Development Teams
- Reference Architecture
- Hands-On Workshop Exercises

Applications – Then and now

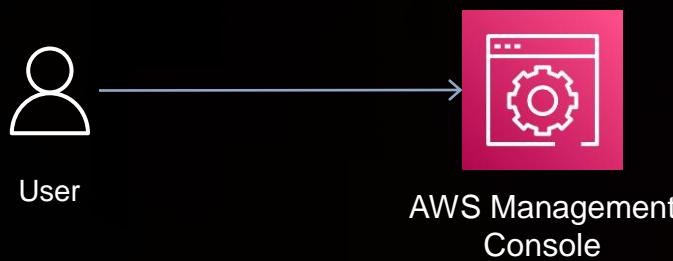
Then



Now



CloudFront management



CloudFront

Distributions

Policies

Functions

What's new [NEW](#)

▼ Telemetry

Monitoring

Alarms

Logs

▼ Reports & analytics

Cache statistics

Popular objects

Top referrers

Usage

Viewers

▼ Security

Origin access

Field-level encryption

▼ Key management

Public keys

Key groups

CloudFront > Distributions > E14M9F3LBG9PJC

E14M9F3LBG9PJC

General Origins Behaviors Error pages Geographic restrictions Invalidations Tags

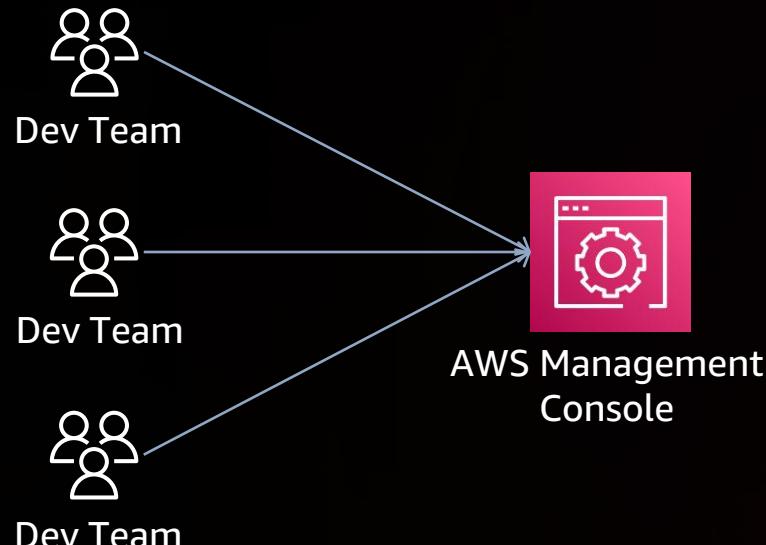
Details

Distribution domain name	ARN	Last modified
d1mzh60ebc52hl.cloudfront.net	arn:aws:cloudfront::704781082630:distribution/E14M9F3LBG9PJC	June 9, 2022 at 7:41:00 PM UTC

Settings

Description	Alternate domain names	Standard logging
property1_dev	-	On
Price class	Cookie logging	Off
Use all edge locations (best performance)		
Supported HTTP versions	Default root object	
HTTP/2, HTTP/1.1, HTTP/1.0	-	
AWS WAF		
-		

CloudFront management



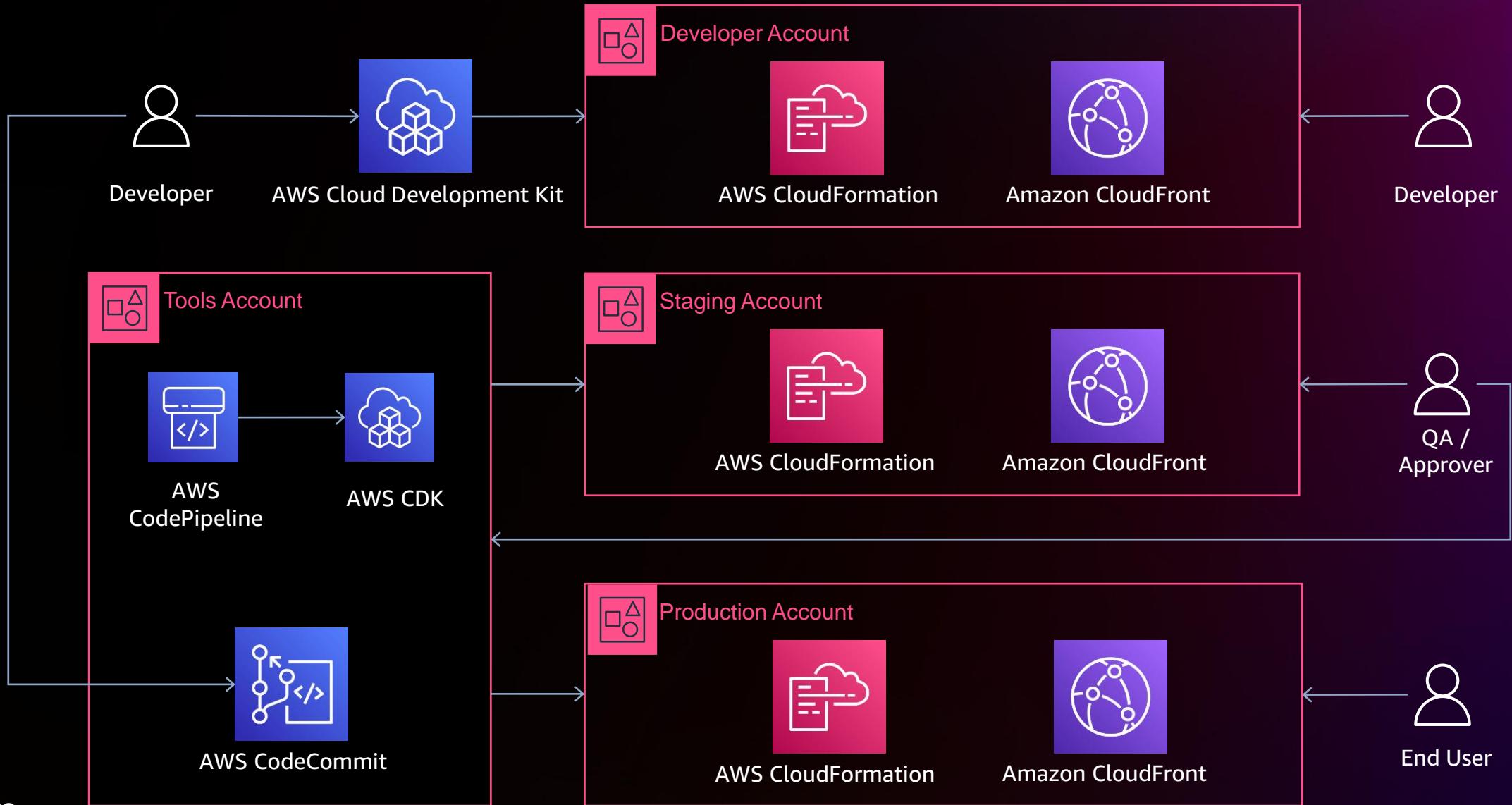
The screenshot shows the AWS CloudFront Management Console. The left sidebar lists various services: Distributions, Policies, Functions, What's new (with a 'NEW' badge), Telemetry (Monitoring, Alarms, Logs), Reports & analytics (Cache statistics, Popular objects, Top referrers, Usage, Viewers), Security (Origin access, Field-level encryption), and Key management (Public keys, Key groups). The main content area shows a distribution named 'E14M9F3LBG9PJC'. The 'General' tab is selected, displaying the distribution domain name (d1mzh60ebc52hl.cloudfront.net), ARN (arn:aws:cloudfront::704781082630:distribution/E14M9F3LBG9PJC), and the last modified date (June 9, 2022 at 7:41:00 PM UTC). The 'Settings' tab is also visible, showing options for description, alternate domain names, standard logging, cookie logging, and default root object.

Workshop outcome

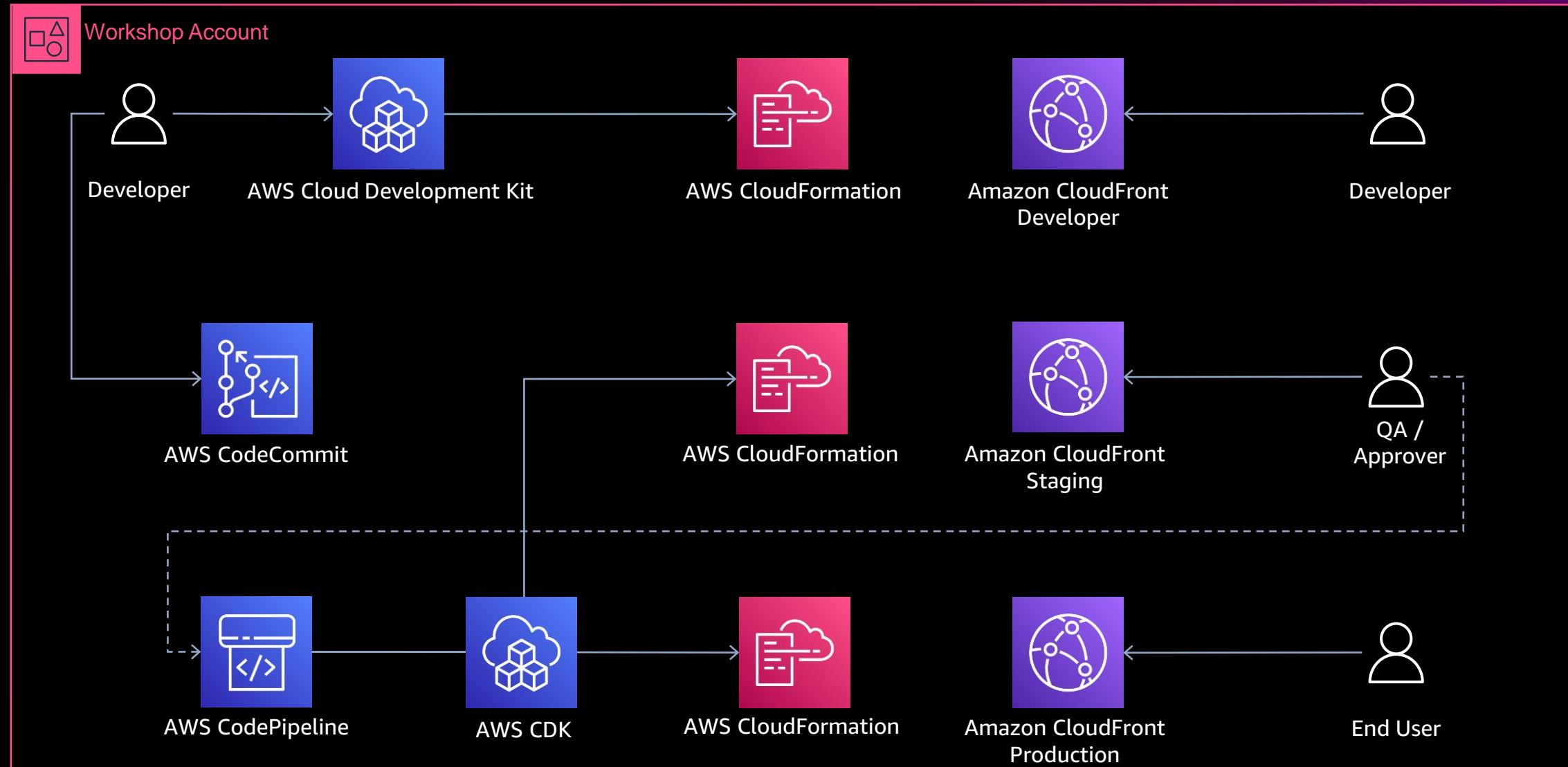
After completing this workshop you should have a good understanding of the following:

- How to structure your AWS accounts to accommodate different CloudFront deployments.
- What are the AWS-recommended options for programmatic deployments.
- How to use AWS Developer Tools to create controlled and consistent deployment processes.

Reference architecture



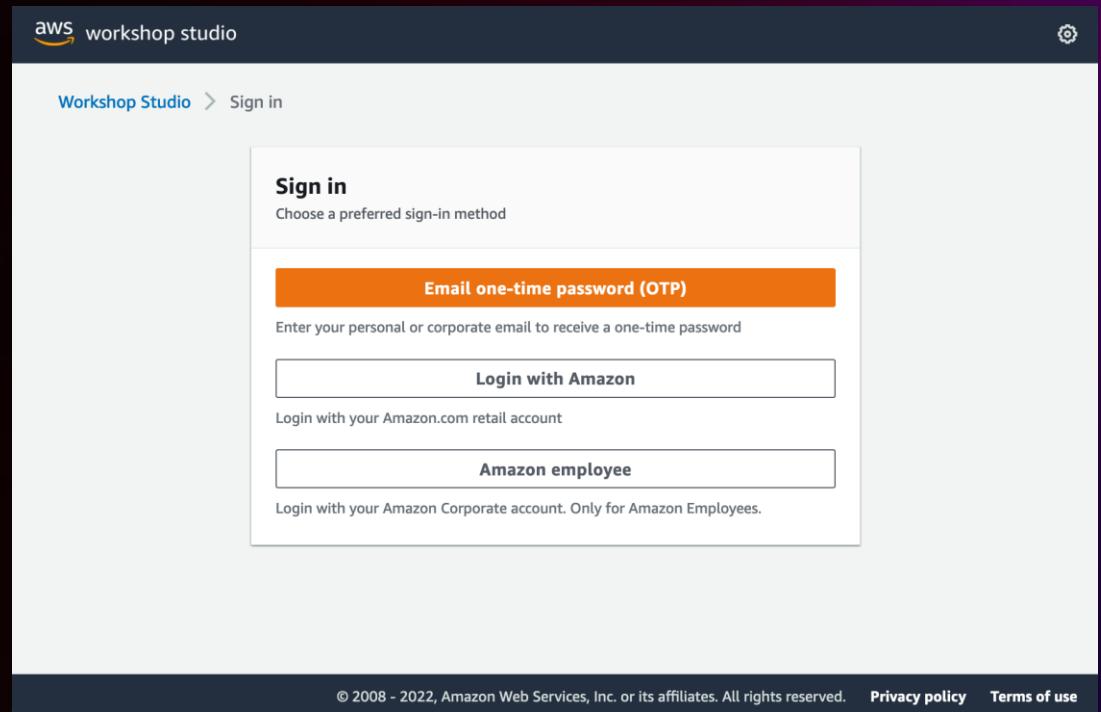
Reference architecture



Workshop access

<https://catalog.workshops.aws/join>

Access Code: 8430-0332b5-a8

A screenshot of the AWS Workshop Studio sign-in interface. The top navigation bar includes the AWS logo and the text "workshop studio". Below the navigation, a breadcrumb trail shows "Workshop Studio > Sign in". The main content area is titled "Sign in" and prompts the user to "Choose a preferred sign-in method". Three options are listed: "Email one-time password (OTP)" (highlighted in orange), "Login with Amazon" (with a sub-instruction "Login with your Amazon.com retail account"), and "Amazon employee" (with a sub-instruction "Login with your Amazon Corporate account. Only for Amazon Employees."). The bottom of the page features a dark footer bar with the text "© 2008 - 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved." and links for "Privacy policy" and "Terms of use".

Q&A



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Thank you!



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