

# AWS re:Invent

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

NET310

# 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

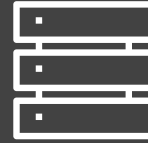
# Applications – Then and now

**Then**

Application Development



Developer



App Servers



CDN



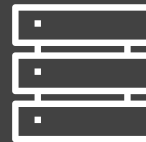
End Users

**Now**

Application Development



Developer



App Servers

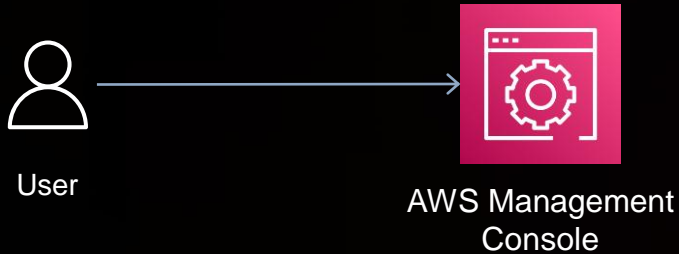


Edge



End Users

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

Settings

Description  
property1\_dev

Price class  
Use all edge locations (best performance)

Supported HTTP versions  
HTTP/2, HTTP/1.1, HTTP/1.0

AWS WAF  
-

Alternate domain names  
-

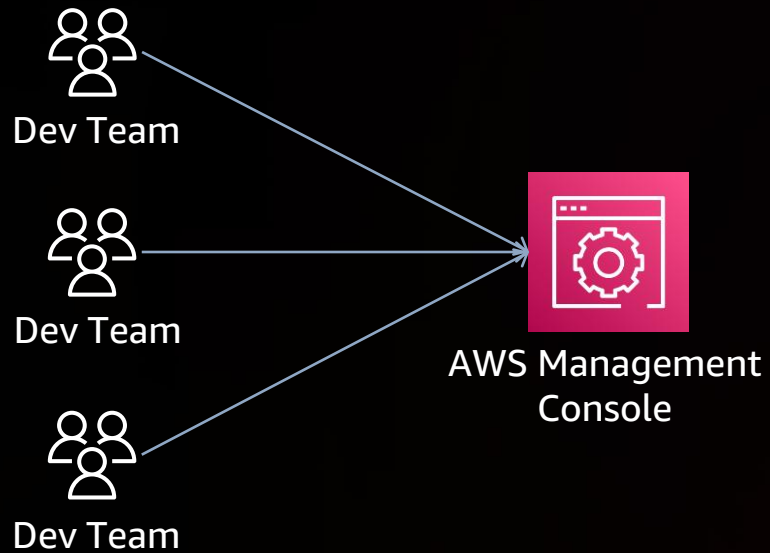
Standard logging  
On

Cookie logging  
Off

Default root object  
-

Edit

# CloudFront management



**CloudFront** X

**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

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### Settings

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

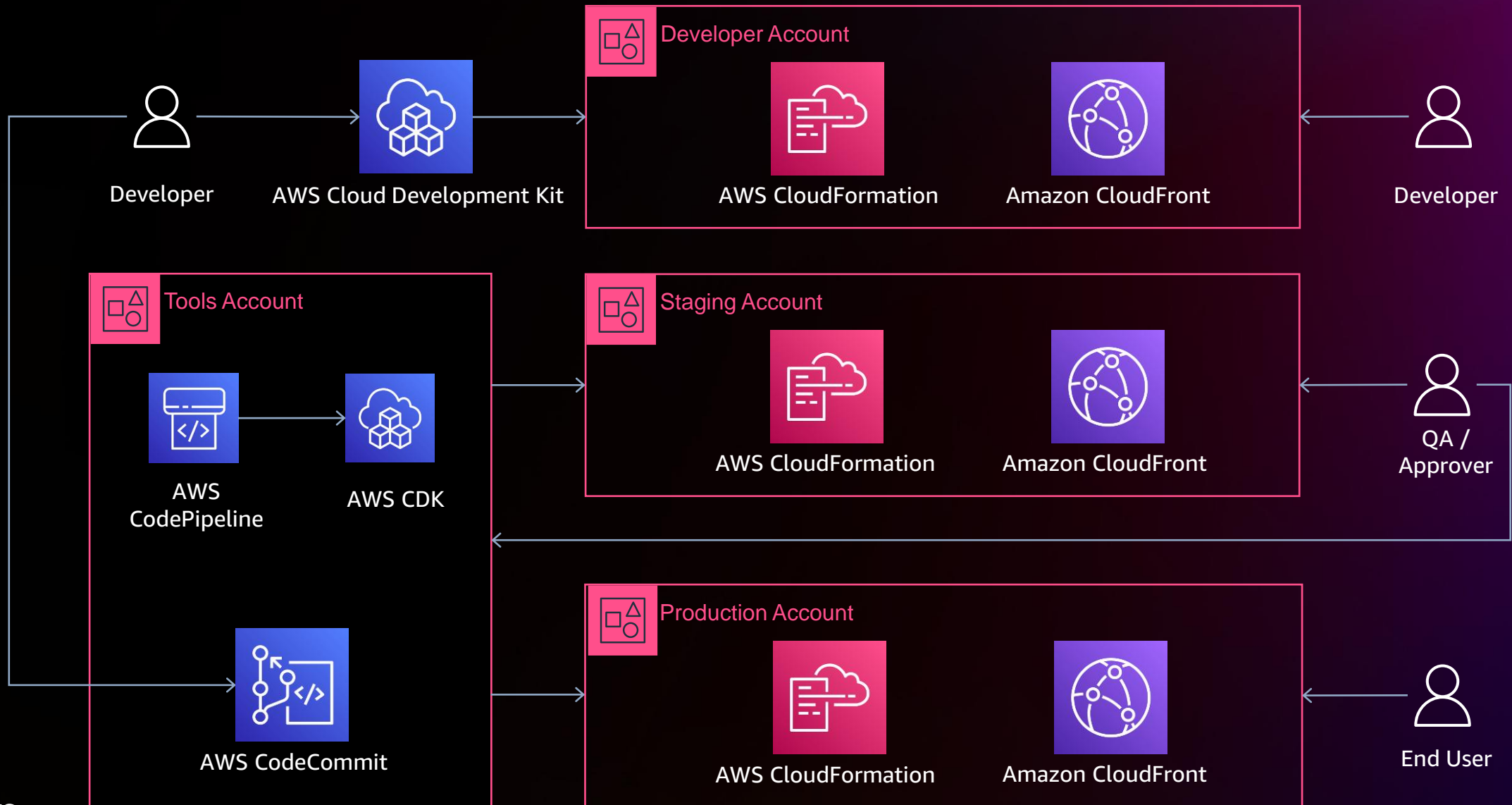
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# Workshop outcome

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

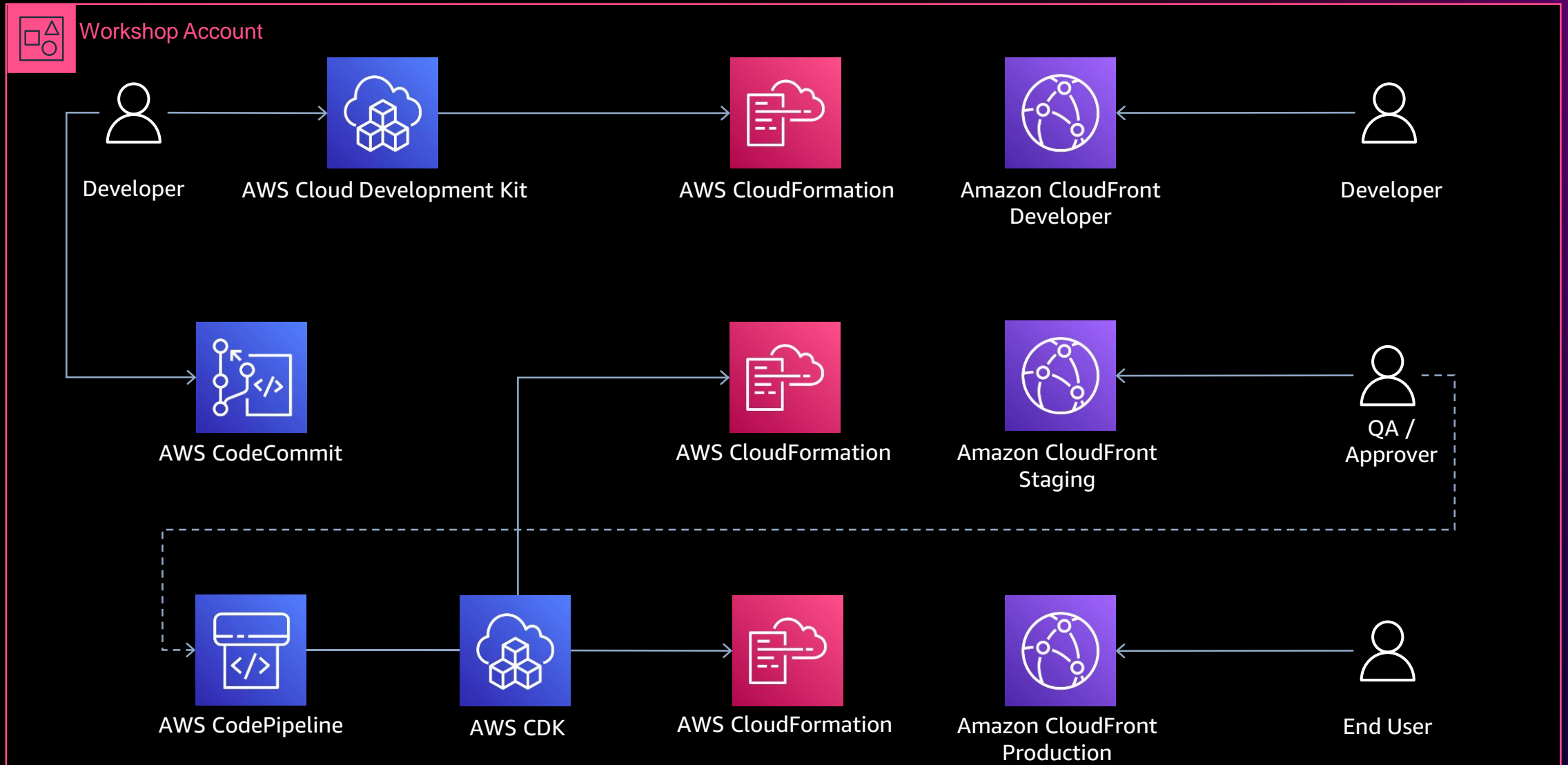
- How to structure your AWS accounts to accommodate different CloudFront deployments.
- What are the AWS-recommended options for programmatic deployments.
- How to use AWS Developer Tools to create controlled and consistent deployment processes.

# Reference architecture





# Reference architecture



# Workshop access

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

Access Code: 8430-0332b5-a8



aws workshop studio

Workshop Studio > Sign in

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# Q&A



# Thank you!



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