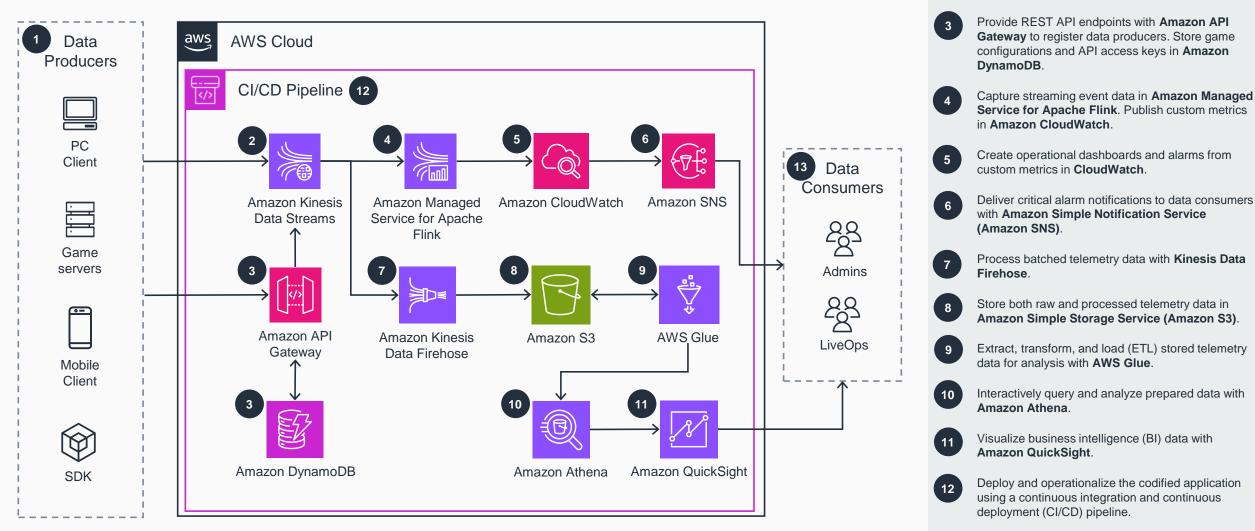
Guidance for Game Analytics Pipeline on AWS Architecture

This architecture diagram shows a modernized DataOps pipeline for centralized game analytics on AWS.



aws

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AWS Reference Architecture

Send game telemetry events to the AWS Cloud from data producers.

Amazon Kinesis Data Streams, and process data in near real-time with Amazon Kinesis Data

Capture streaming data from the game with

Firehose and Amazon Managed Service for

Provide LiveOps with BI, data visualizations, and

telemetry data to generate key business insights ...

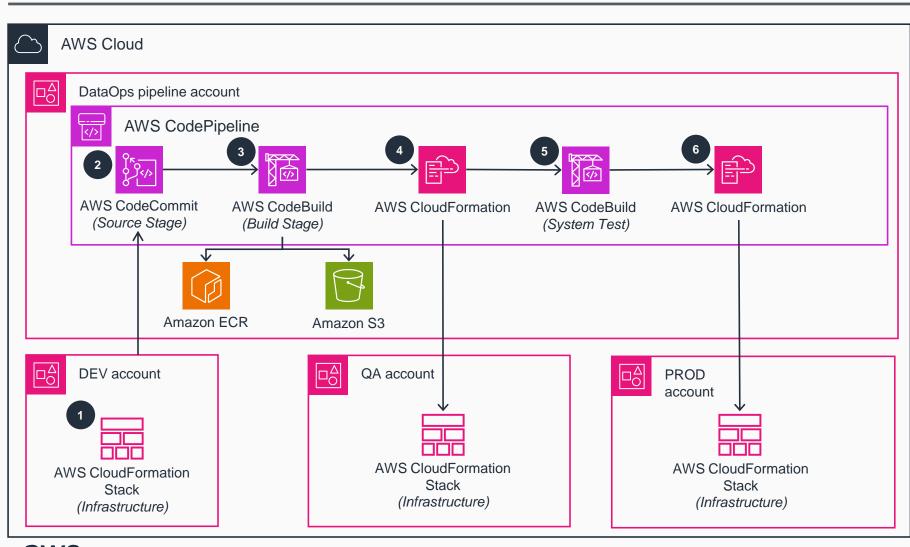
machine learning (ML) capabilities from game

Apache Flink.

Guidance for Game Analytics Pipeline on AWS

DataOps CI/CD Pipeline

This architecture diagram shows the DataOps CI/CD pipeline for centralized game analytics on AWS.



AWS Reference Architecture

Build and test the codified infrastructure using the AWS Cloud Development Kit (AWS CDK) to synthesize an AWS CloudFormation template.

Initiate the CI/CD pipeline when infrastructure code changes are committed to the **AWS CodeCommit** repository.

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Store compiled infrastructure assets, such as a Docker container and **CloudFormation** templates, in **Amazon Elastic Container Registry (Amazon ECR)** and **Amazon S3**.

Deploy the infrastructure for integration and system testing into the quality assurance (QA) AWS account using the **CloudFormation** Stack.

Run automated testing scripts to verify that the deployed infrastructure is functional inside an **AWS CodeBuild** project.

Deploy the tested infrastructure into the Production (PROD) AWS account using the **CloudFormation** Stack.