

# A Fully Managed CI/CD Service

## 1 Orchestrates Build, Test & Deployment

The pipeline is triggered every time there is a change to your code. Like a conductor in an orchestra.

## 2 Automated Release Process

Fast, consistent, fewer mistakes. Enables quick release of new features and bug fixes.

## 3 CodePipeline integrates with:

CodeCommit, CodeBuild, CodeDeploy, Github, Jenkins, Elastic Beanstalk, CloudFormation, Lambda, Elastic Container Service.

AUGUST  
20th

## CLASSICAL MUSIC CONCERT



FEATURING:  
GRAND SYMPHONY  
ORCHESTRA

NEW

# Example CodePipeline Workflow



## Workflow is Defined

The workflow begins when there is a change detected in your source code.



CodePipeline

CodeCommit

CodeBuild

CodeDeploy



## Code is Built & Tested

CodeBuild immediately compiles source code, runs tests, and produces packages.



## New Code Appears

New source code appears in the CodeCommit repository.



## Application Deployed

The newly built application is deployed into a staging or production environment.





# CodePipeline Exam Tips

1

## **Continuous Integration / Continuous Delivery service**

Orchestrates your end-to-end software release process based on a workflow you define.

2

## **Automated**

Automatically triggers your pipeline as soon as a change is detected in your source code repository.

3

## **Integrates With AWS & Third-Party Tools**

CodeCommit, CodeBuild, CodeDeploy, Github, Jenkins, Elastic Beanstalk, CloudFormation, Lambda, Elastic Container Service.