

A Fully Managed CI/CD Service

1 Orchestrates Build, Test & Deployment

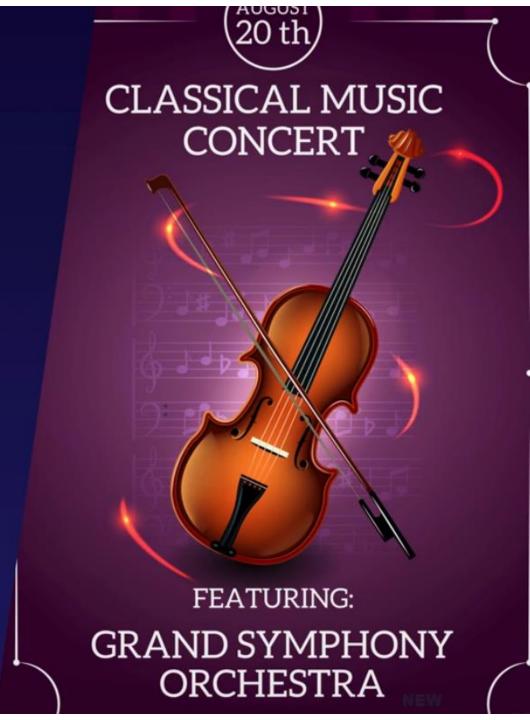
The pipeline is triggered every time there is a change to your code. Like a conductor in an orchestra.

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.



A CLOUD GURU

Example CodePipeline Workflow



Workflow is Defined

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



Code is Built & Tested

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





CodePipeline

CodeCommit

CodeBuild

CodeDeploy





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.