

# CI / CD

Continuous Integration  
Continuous Deployment

# CI/CD At-a-Glance

- Embodies a Culture.
- Set of Practices.
- Delivers App Changes more Frequently and Reliably

# CI

- Coding Philosophy
- Automated Builds
- Better Collaboration
- Testing Code
- Improved Code Quality

# CD

- Release Production-Ready Code
- Automatically Spin-ups Infrastructure
- Great Error Handler
- Notification System
- Best for System Integration

# Why Adopt CI/CD

- Reducing time to deployment through automation

Automated testing makes the development process more efficient, reducing the length of the software delivery process.

- Decreasing the costs associated with traditional software development

Fast development, testing and production (facilitated by automation) means less time spent in development and, therefore, less cost.

- Continuous feedback for improvement

Every time code is tested, developers can quickly take action on the feedback and improve the code.

# Why Adopt CI/CD

- Improving the ability to address error detection earlier

In continuous integration, testing is automated for each version of code built to look for issues integration. These issues are easier to fix the earlier in the pipeline that they occur.

- Improving team collaboration and system integration

Everyone on the team can change code, respond to feedback and quickly respond to any issues that occur.