## Selling CI/CD

## **Continuous Integration**

The practice of merging all developers' working copies to a shared mainline several times a day. It's the process of "Making

CI-related phases include:

- Compile
- Unit Test
- Static Analysis
- Dependency vulnerability testing
- Store artifact

## **Continuous Delivery**

A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here.

- Creating infrastructure
- Provisioning servers
- Copying files
- Promoting to production
- Smoke Testing (aka Verify)
- Rollbacks

Continuous Delivery doesn't replace anything, but rather it enhances everything.

## CI/CD helps in

- 1. Less developer time on issues from new developer code which will reduce cost.
- 2. New value-generating features released more quickly which generate revenue
- 3. Less infrastructure costs from unused resource which reduces cost
- 4. Reduced downtime from a deploy-related crash or major bug which protect revenue