

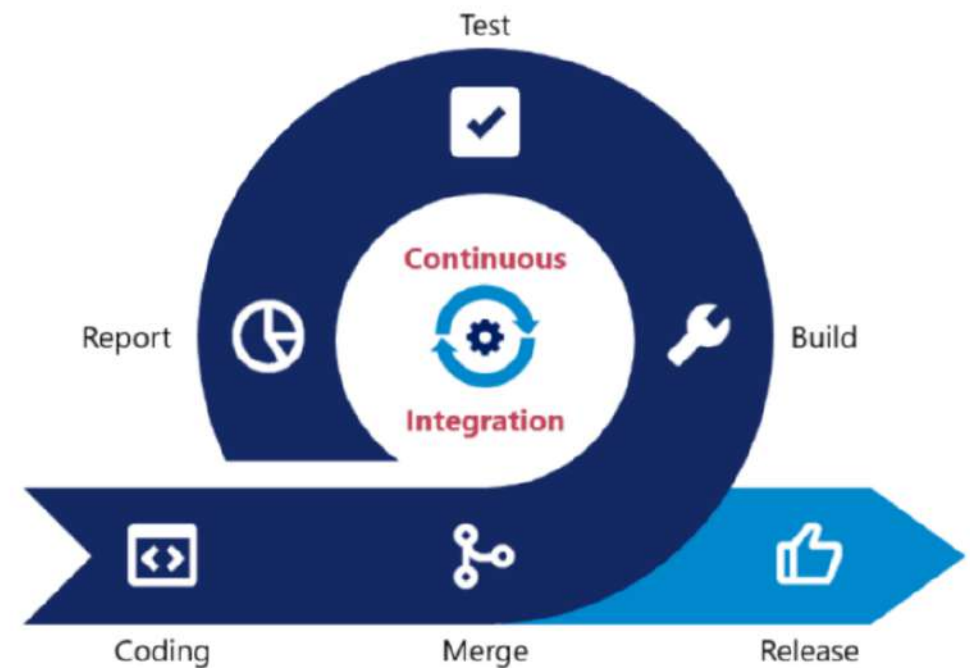
CI/CD: Ship better products faster !

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Continuous Integration (CI)

Key points

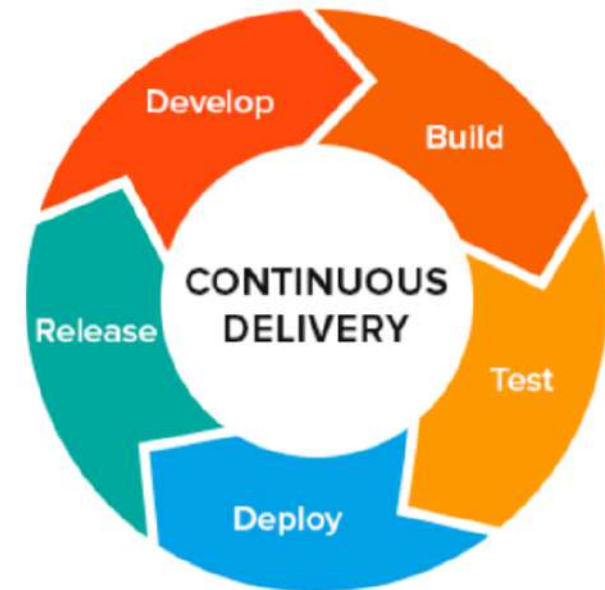
- ✓ The practice of integrating all developers' contributions to a shared mainline.
- ✓ Related to improving the workflow of developers during coding.
- ✓ Contains multiple phases: Build, Unit testing, static analysis, vulnerability testing, and storing artifact.
- ✓ The output is a high quality deployable artifact.



Continuous Deployment (CD)

Key points

- ✓ Value is continuously delivered through automated deployments.
- ✓ Aims for speed and reliability of operations workflow.
- ✓ Contains multiple phases: Infrastructure, Provisioning servers, Copying files, Production, Verification, and Rollbacks.
- ✓ It is like delivering the artifact from the shelf to the hands of customers.



CI/CD Benefits



Increase Revenue

Adding value features released faster and more often

Less time and money for marketing campaigns



Protect Revenue

Product downtime or failure reduction

Fast rollback actions to return to working state



Reduce cost

Reduction of development time on solving issues or bugs

No cost for unused resources



Avoid cost

Reducing human intervention, reducing errors

Less bugs, fewer testing

Less security vulnerabilities and holes

A low-angle, upward-looking photograph of several tall skyscrapers against a cloudy sky. The buildings are dark and feature a grid-like pattern of windows. A large, solid purple rectangle is overlaid on the left side of the image, containing the text 'Thank You!'.

Thank You!