



CI CD

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WHAT IS CI / CD ?

CI and CD stand for continuous integration and continuous delivery/continuous deployment. allows organizations to ship software quickly and efficiently. CI/CD facilitates an effective process for getting products to market faster than ever before, continuously delivering code into production, and ensuring an ongoing flow of new features and bug fixes via the most efficient delivery method.

WHAT IS CI ?

The CI in CI/CD stands for continuous integration. Continuous integration means that developers frequently merge their code changes to a shared repository. It's an automated process that allows multiple developers to contribute software components to the same project without integration conflicts. CI involves automated testing whenever a software change is integrated into the repository.

WHAT IS CD ?

CD can stand for either continuous delivery or continuous deployment. Both involve taking the code continuously integrated and getting it able to deploy to an environment either QA or production. Continuous deployment takes the process one step further and performs the actual deployment to an environment.

BENEFITS

CI/CD facilitates a faster time to market.

Automation streamlines parts of the process.

Reduced risk

Better code quality

Smoother path to production

AutoScaling servers