



CI/CD ADOPTION PROPOSAL

MaryBlessing Umeh

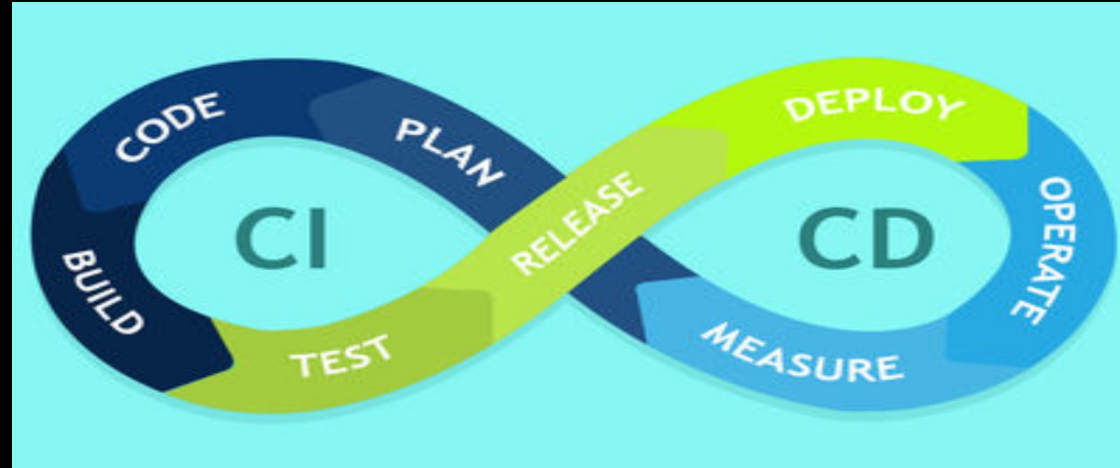
CONTENT

- What is CICD ?
- Why CICD ?
- Economic cost of CICD
- Questions and Answer



WHAT IS CICD ?

CICD – Continuous Integration and Continuous Deployment



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Continuous Integration – build, test and merge code regularly (**automatically**) into the main code branch

Continuous Deployment – **automatically** test and release code updates from the main code branch to production server.

WHY CI/CD ?

CI/CD offers several benefits that could help our company to stay competitive in the fast-paced tech industry. Some of these benefits include:

- **Faster release cycles:** This can lead to faster release cycles and quicker delivery of new features and bug fixes to our customers.
- **Improved software quality:** CI/CD allows us to automate testing, which means that we can catch bugs and errors earlier in the development process. This can result in better software quality and more satisfied customers.
- **Increased efficiency:** CI/CD enables us to automate repetitive tasks, such as building and testing code, freeing up developers' time to focus on more important tasks, such as developing new features.
- **Reduced risk:** CI/CD provides us with a consistent and repeatable process for releasing software, which can help reduce the risk of human error and security vulnerabilities.

ECONOMIC COST OF CICD

To implement CICD, we would need to invest in some new tools and infrastructure, such as a continuous integration server, automated testing tools, and deployment automation tools

However, the benefits of CICD far outweigh the costs, and I believe that adopting this approach would be a wise investment for our company.

Thank you for considering my proposal. I would be happy to provide more information and answer any questions you may have.