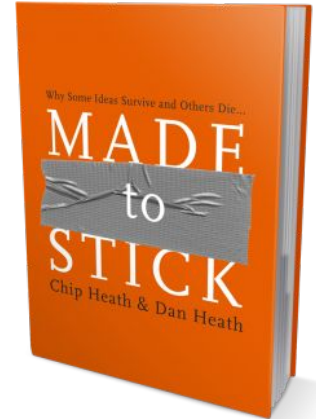

Introducing CI/CD To Build and Deploy Cloud-based apps

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Introducing CI/CD

CI/CD stands for continuous integration and continuous deployment. These are practices used to ensure value is delivered to customers continuously.

CI used some tools to ensure code build and test written code and CD uses a combination of tools and platforms to ensure the built artifacts are deployed and running online.





1. Benefits

CI/CD helps businesses in terms of minimizing costs, while improving revenue through automation;

Errors can be automatically detected before going live and this can help **avoid the cost** that would have otherwise been incurred.

Fewer time would be spent setting up and troubleshooting infrastructure, hereby making sure latest updates are available soonest, which can lead to **increase in revenue**.

It also reduces the amount of time spent to recover from a failure, hereby **protecting revenue**.

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Did you know?

Teams using CI/CD were reported to have 4x more commits and 2x faster fixes for failed builds than teams without it.



2. Closing

CI/CD helps build confidence of the team around their work and improves collaboration and productivity, hastens development and delivers value to customers quickly.

Adopting CI/CD in this organization would help the save costs while improving the revenues for the organization.