Ci/Cd Benifits

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What does CI/CD stands for ?

- Continuous integration
- Continuous delivery
- Continuous deployment

WHAT ARE OUR CURRENT PAIN POINTS

- Our manual release process is error-prone and always leads to delays of production deployments
- This in turn leads to poor software quality since we don’t have time for quality analysis anymore
- Deployments are complex. Only a chosen few experts are able to understand the whole process and tons of hand-crafted scripts. No smoke tests and rollback mechanism
- We get late feed back from the business department which prevents us from creating flexible solutions

Business benefits of CI/CD

SUPERIOR QUALITY CODE

Developers release code into a shared repository in batches, which enables them to conduct parallel testing. Rather than working in isolation, they share their builds with the entire team frequently

Accelerated release cycles

With CI/CD you can visualize the development cycle from commit to production, continuously merge
code, and repair detected bugs .You can release software to production multiple times after thorough
testing without compromising quality parameters

Cost deduction

As per one of the most recent Forbes insights surveys, “three out of four executives agree that the
amount of time, money, and resources spent on ongoing maintenance and management- versus new
project deployments or new initiatives- is affecting the overall competitiveness of their ”organization

Cost /revenue effect of the CI/CD

- it can save us so much time in the production to the market as it has an automated deployment, which
means more production at the same time as before,
that leads to more revenue.

- it can save us money and avoid mistakes as it has an
automated infrastructure creation and cleanup. this
will help us avoid any costs for any infrastructure that we don't use or need, although the human error
which costs us time and effort.