

Organizational Benefits of CI/CD

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Benefits of CI/CD

CI/CD Usage	What it means	How it benefits us
Frequent Check-ins	Developers merge their code frequently to reduce merge conflicts	Reduces cost
Automated Builds	As soon changes are checked in, build tool is kicked off to assess the quality of check-in code	Protects Revenue
Automated Tests	Automated test tools catch test failures early on so less bugs are promoted to production	Protects Revenue

Benefits of CI/CD (continued...1)

CI/CD Usage	What it means	How it benefits us
IaC – Automated Infrastructure	Repeatable Process to create infrastructure causing less human errors and faster provisioning of infrastructure	Reduces cost
Automated Deployments	Application with new features is released to users quickly and frequently	Increases Revenue
Automated Code scans (i.e., Sec – in SecDevOps)	Catches code vulnerabilities before code is promoted	Reduces Cost

Benefits of CI/CD (continued...2)

CI/CD Usage	What it means	How it benefits us
Automated Smoke Tests	Finds any new bugs and catches any changes that could cause application crashes after deployment	Protects Revenue
Automated Rollbacks/cleanups	In case of compromised code or application issues revert to previous version and minimizes downtime	Protects Revenue