



# WHY CI/CD?

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# What is CI/CD?

- CI stands for Continuous integration which is the practice of merging all developers' working copies to a shared mainline several times a day.
- CD stands for continuous deployment which is a software engineering approach in which the value is delivered frequently through automated deployments.

# The old way

- Code released in big chunks leading to a higher risk of errors & outages
- Long periods of downtime for maintenance
- Customers waiting for large periods between updates

# How will CI/CD benefit us?

- Developers spend less time on issues found in new code and can quickly identify issues
- Due to automated test, there will be a considerably less bugs making there way into the production environment
- Prevent costly outages
- Faster deployments due to automated testing
- Developers will be more productive and spend less time trying to diagnose issues
- Customers of our applications will get more frequent updates