BENEFITS OF CI/CD

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Introduction

CI/CD

Continuous Integration (CI) and Conitnuous Delivery (CD) incorporates culture, principles and set of practices that application development teams use to deliver code changes more frequently.

Benefits

Business Agility

CI/CD is a business agility enabler as it allows for rapid changes that comes at a *low cost*.

For example:

Features can be pushed out several times a day bringing *more value* to customers. In the event that a bug is found in production, CI/CD enables for quick and easy rollbacks. All this is achieved at a low cost.

Superior Quality Code

CI/CD enables application development teams to create superior quality code.

For example:

The process invoved in CI/CD enables bugs to to detected and fixed way before they ever get put into production. This in turn reflects in *revenue* as code that can potentially annoy a customer never gets to the customer. Good quality code increases *customer satisfaction* and *cusomer retention*.

Benefits

Improved Mean Time to Resolution

CI/CD plays a key role in reduing the Mean Time to Resolution (MTTR), thus keeping failures at a minimal and recovering quikcly from failures. This is a critical *business risk assurance*.