



UDA PEOPLE PRODUCT

IMPLEMENTATION OF CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT

FUNDAMENTALS

- Continuous Integration(CI) - It is the discipline of being able to reliably release application changes at any time. Its goal is to produce a high quality deployable artifact
- Continuous Deployment(CD) – It is pillar of modern application development that deploys all code changes to a testing environment and/or a production environment after the build stage. In continuous deployment value is delivered frequently through automated deployments

BENEFITS OF CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT

- It takes less time to market thereby increasing revenue
- New value-generated features released more quickly therefore increasing revenue
- It enhances reduced downtime from a deploy-related crash or major bug therefore revenue is protected
- Prevents embarrassing and costly security hole which aids in saving cost
- Less human errors which lead to faster deployment as most of the things are automated



(Continuation of benefits)

- Less infrastructure cost since only what is needed will be provisioned thereby reducing cost
 - Less time in production and less time in testing and as we know 'Time is money' hence avoid unnecessary cost.
 - You can quickly return to the previous state if the new state if there are any issues hence protecting revenue.
 - Less developer time on issues from new developer code hence reducing the cost.
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