

CI/CD in Cloud

Fundamentals and Benefits

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Value Drivers

CI/CD benefits that derive value for Business

- Cost Reduction
- Cost Avoidance
- Increased Revenue
- Protection of Existing Revenue

Cost Reduction

CI/CD benefits that help reduce cost

- Catch Compile Errors right after merge - *less developer time on issues from new code*
- Automate Infrastructure Cleanup - *less infrastructure costs from unused resources*

Cost Avoidance

CI/CD benefits that help avoid/minimize costs

- Catch Unit Test Failures early - *Less bugs in production and less time in testing*
- Detect Security Vulnerabilities - *Prevent costly security holes, maintain customer confidence*
- Automate Infrastructure Creation - *Less chance of human error, faster deployments*

Increased Revenue

CI/CD benefits that help increase the revenue

- Faster and frequent Production Deployments - *New value generating features released more quickly*
- Deploy to Production Without Manual Checks - *Less time to market for value generating features*

Protection of Existing Revenue

CI/CD benefits that help protect revenue and increase customer confidence

- Automated Smoke Tests - *Reduced down time from deployment related crash and/or a major bug.*
- Automated Rollback Triggered By Job Failure - *Quick undo to return production to working state*