

CLARUSWAY

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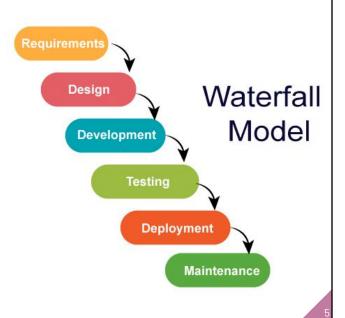
DevOps Basics

CLARUSWAY
WAY TO REINVENT YOURSELF

What is Devops? 4 IMPLEMENTATION 5 TESTING & INTEGRATION 3 DESIGN THE SOFTWARE DEVELOPMENT CYCLE MAINTENANCE 2 ANALYSIS 1 PLANNING

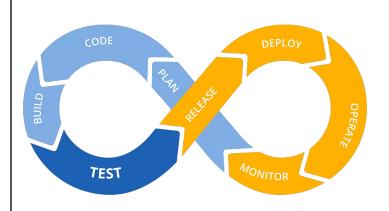
What is Devops?

- Each phase completely wrapping up before the next phase begins
- If parameters change along the way, it's harder to change course



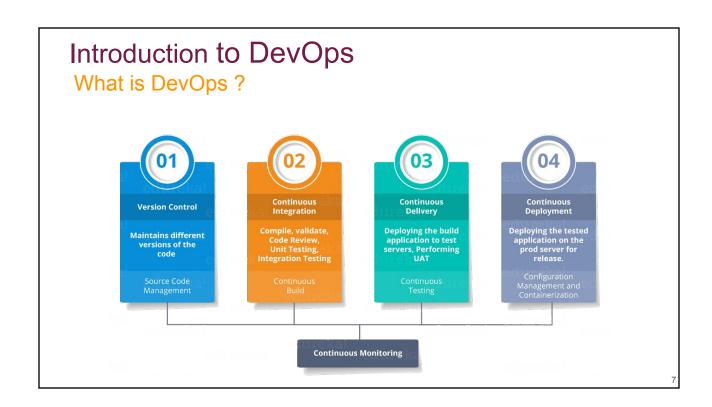
Introduction to DevOps

What is DevOps?

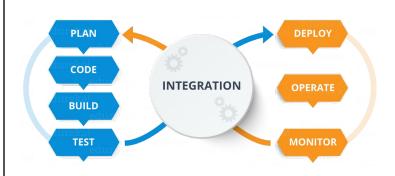


DevOps is a software development approach which involves continuous development, continuous testing, continuous integration, continuous deployment, and continuous monitoring of the software throughout its development lifecycle

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What is Continuous Integration?

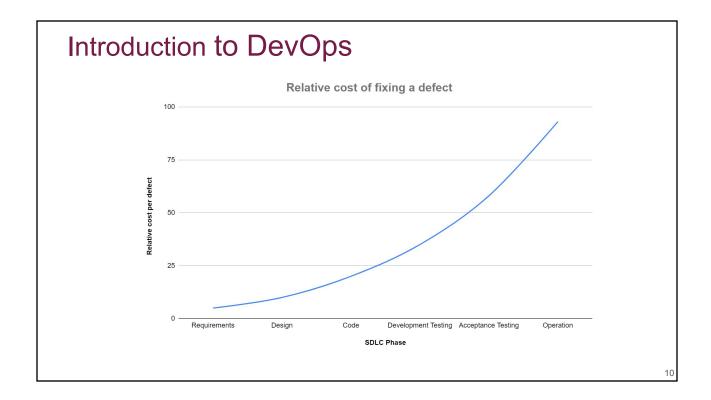


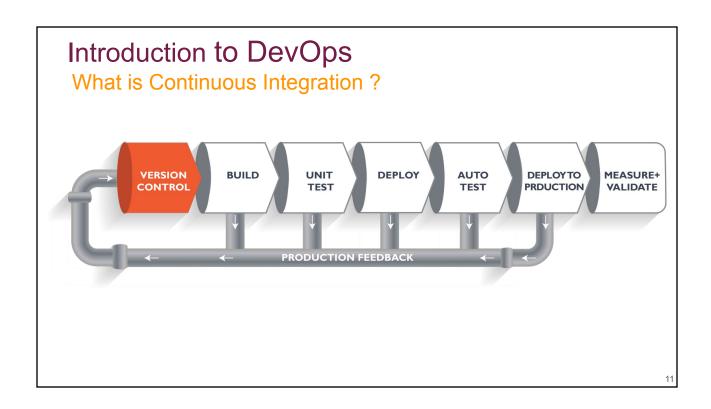
Continuous integration is a software development method where members of the team can integrate their work at least once a day. In this method, every integration is checked by an automated build to search for an error.

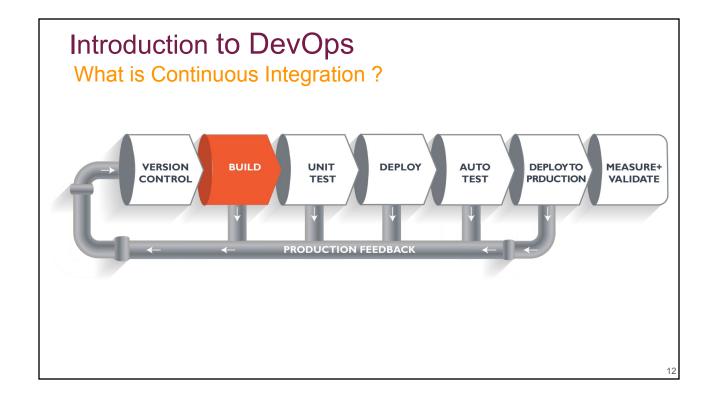
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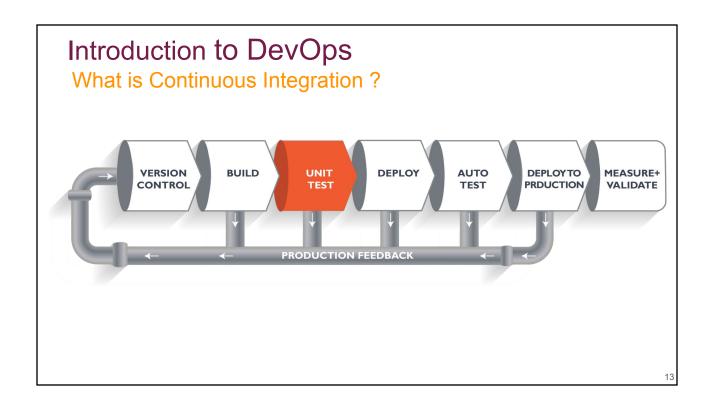
With CI vs Without CI

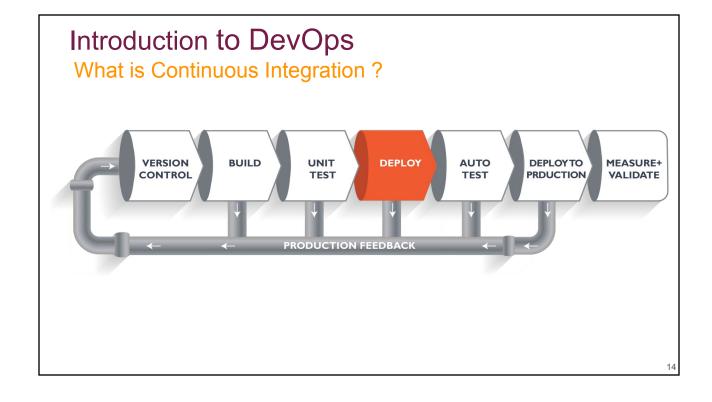
Development without CI	Development with CI
Lots of Bugs	Fewer bugs
Infrequent and slow releases	Regular working releases
Difficult integration	Easy and Effective Integration
Late bug finding(days,weeks)	Early bug finding(minutes,hours)
Issue raised are harder to fix	Find and fix problems faster and more efficiently.
Poor project visibility	Better project visibility

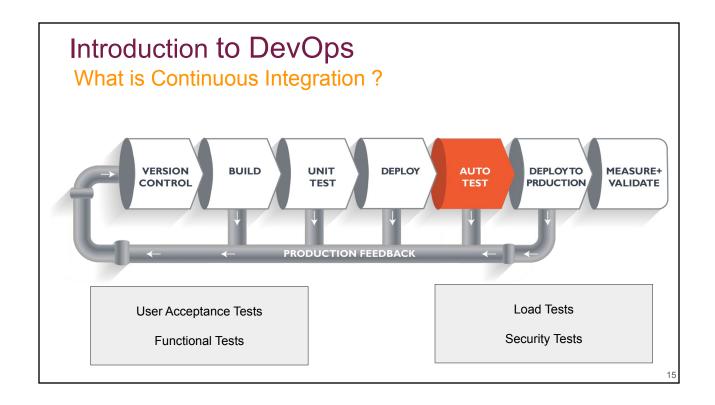


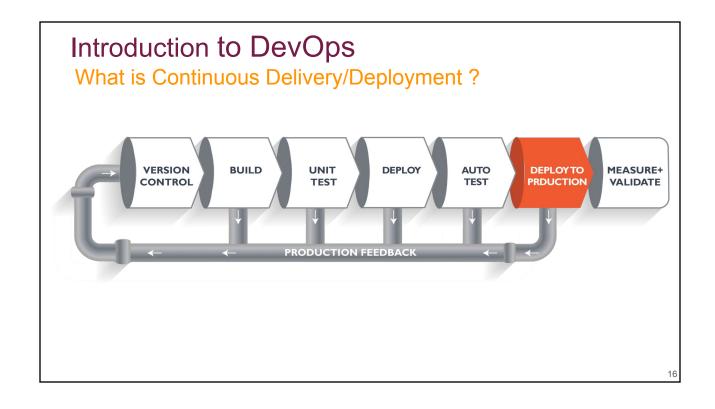


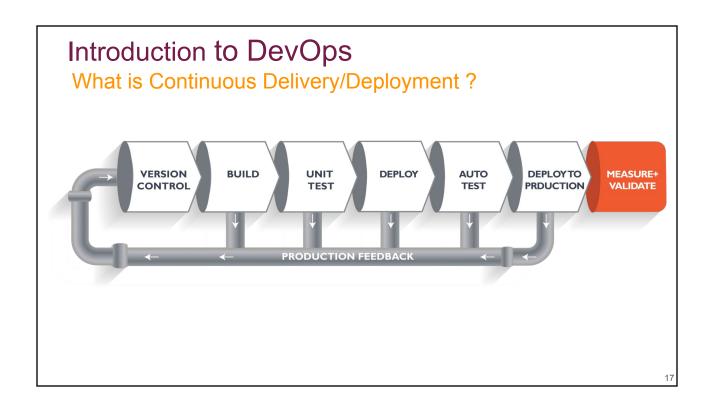


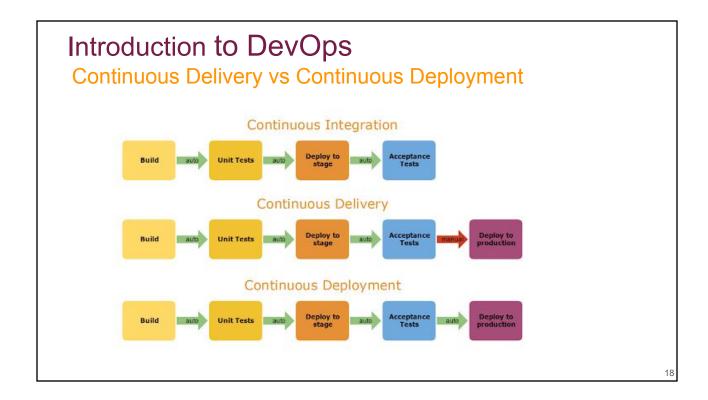






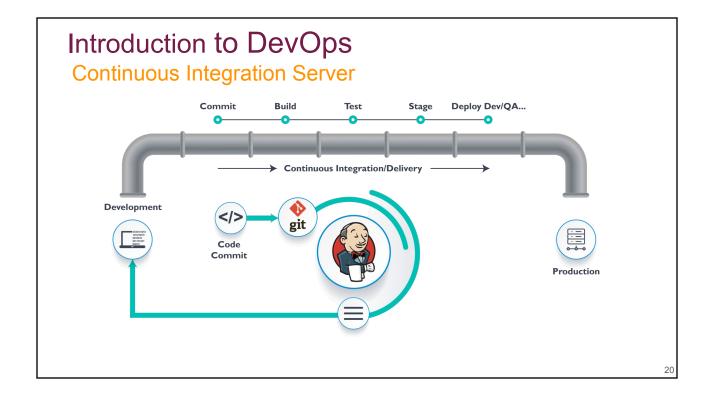






DevOps Tools





Continuous Integration Server









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