

Stage 4: Release



Jason Helmick
AUTHOR/EVANGELIST

@theJasonHelmick www.JasonHelmick.com



Overview



What does Release Mean?

Continuous Delivery (CD)

Continuous Integration (CI)



What Does Release Mean?



After the process successfully completes

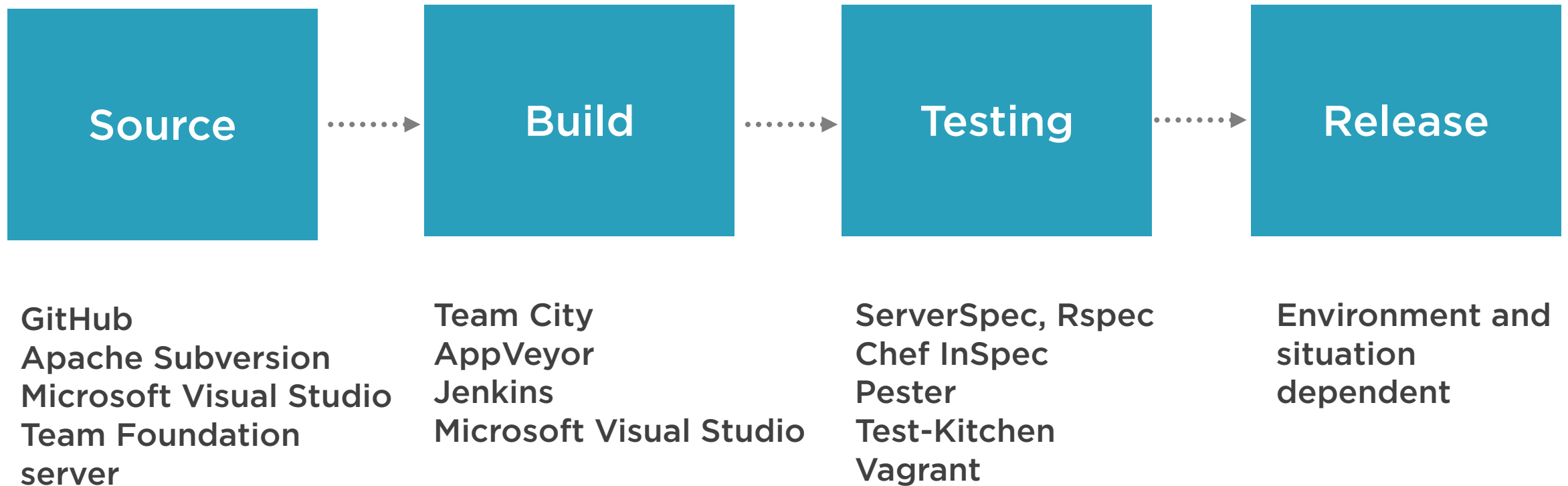
Configuration change is in Source

Build process completes

Testing has passed

A build artifact is ready to be deployed

The Release Pipeline



Continuous Delivery (CD)



Also known as Continuous Deployment with slight changes

Best with immutable servers – every server matches exact

Server can be re-deployed entirely if failure occurs

Example: Web servers in a farm



Incremental Deployment



For servers that must be maintained over a long period of time

For servers that cannot be re-deployed

Configuration changes are delivered as updates

Example: Database, Domain Controllers

Continuous Integration



Bringing the process all together with a workflow (orchestration)

Add quality gates (testing) and approval

Can suspend new changes until failures are resolved



Summary



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