A Final Word



Jason Helmick AUTHOR/EVANGELIST

@theJasonHelmick www.JasonHelmick.com



Overview



Benefits

DevOps

Infrastructure From Code: The Release Pipeline

A New View of "Failure"

Getting Started



Benefits



2016 State of DevOps Report

200 times more frequent deployments

24 times faster recovery from failures

3 times lower change failure rate

22% less time on unplanned work

50% less time remediating security issues

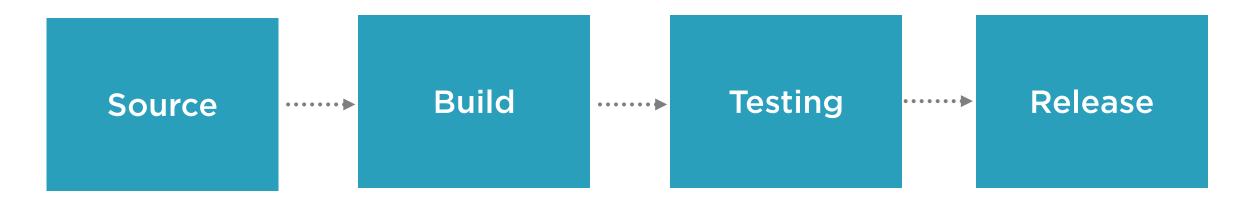


DevOps

Tools People **Processes**



Infrastructure From Code: The Release Pipeline



GitHub
Apache Subversion
Microsoft Visual Studio
Team Foundation
server

Team City
AppVeyor
Jenkins
Microsoft Visual Studio

ServerSpec, Rspec Chef InSpec Pester Test-Kitchen Vagrant Environment and situation dependent



A New View of "Failure"



Due to inconsistence procedures, lack of automation, lack of change control – IT Ops managers are slow to make change because of failure

Infrastructure From Code provides a reliable, repeatable process that can learn

Rush to failure!



Getting Started - Infrastructure From Code



Start small

Start with configuration management

Add source control

Add testing

Build the Pipeline



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