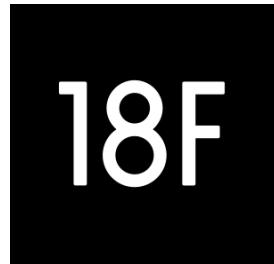


Continuous Deployment Summit Summary and Reflection



Laurie Williams
North Carolina State University

Continuous Deployment Summit Participants 2015-2017



2X



3X



1X

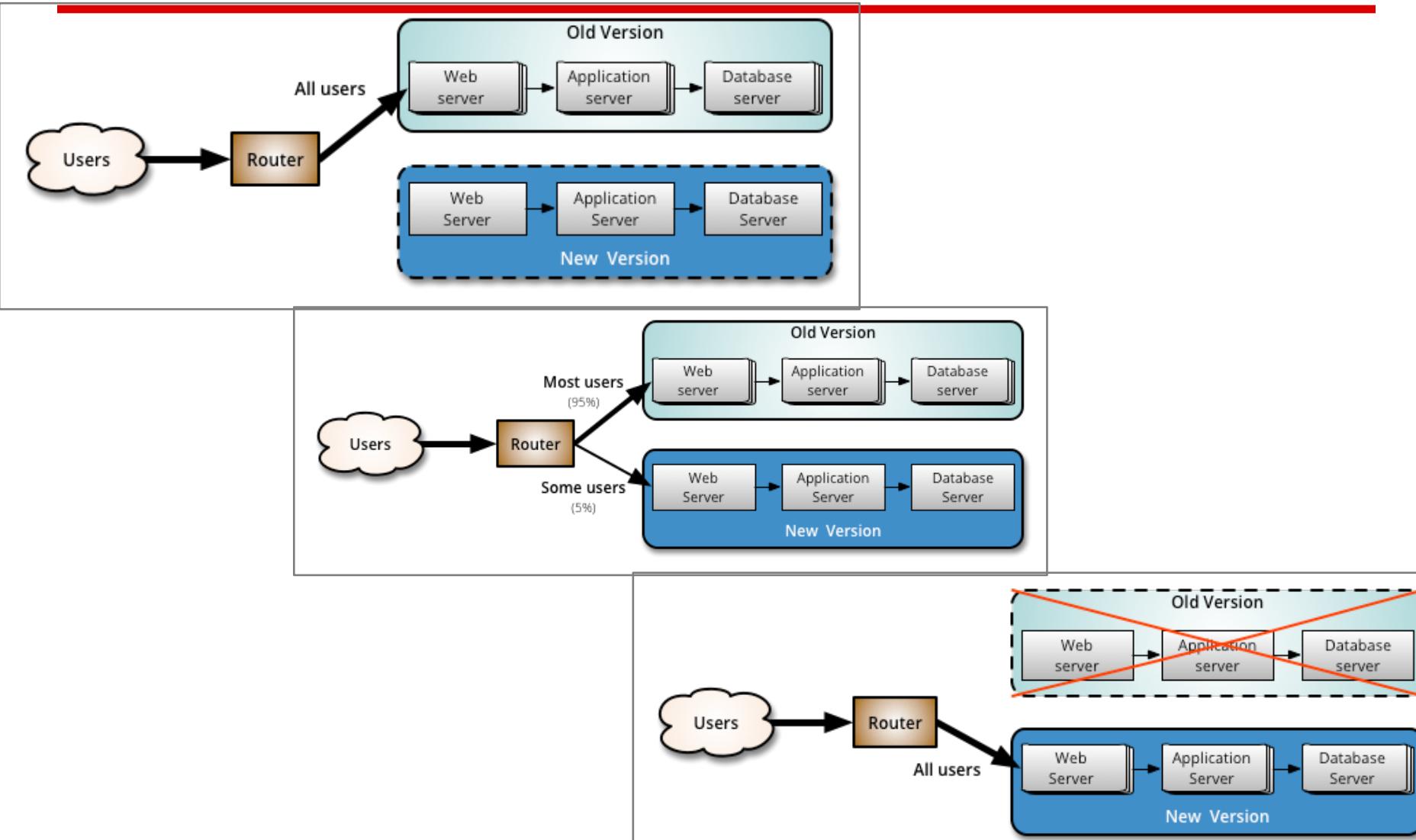


“A JOURNEY OF A THOUSAND
MILES BEGINS WITH A
SINGLE STEP.”

LAO - TZU



Theme 1: Database schema and other architecture changes



Theme 2: Feature Experimentation



Continue Watching



Kaliber



Brevity: Mission One



Bold Wonder: Explorations

Popular on Netflix



PETALS
OF PEGALIA



KENYA



BRIEFCASE



SILENT
NINJA



KALIBER



AMORETTINA



THE
STUDENT
EXCHANGE



HONG KONG
TAXI

New Releases



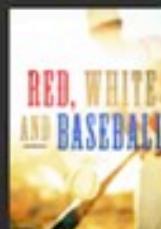
30
MINUTE
ABS



ZOMBIE
COLOR



Princess Emma



RED, WHITE
AND
BASEBALL



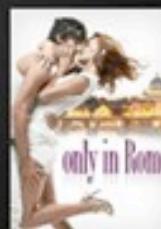
ZEN & ZACK



CONTRACT
VENGEANCE



SIVE



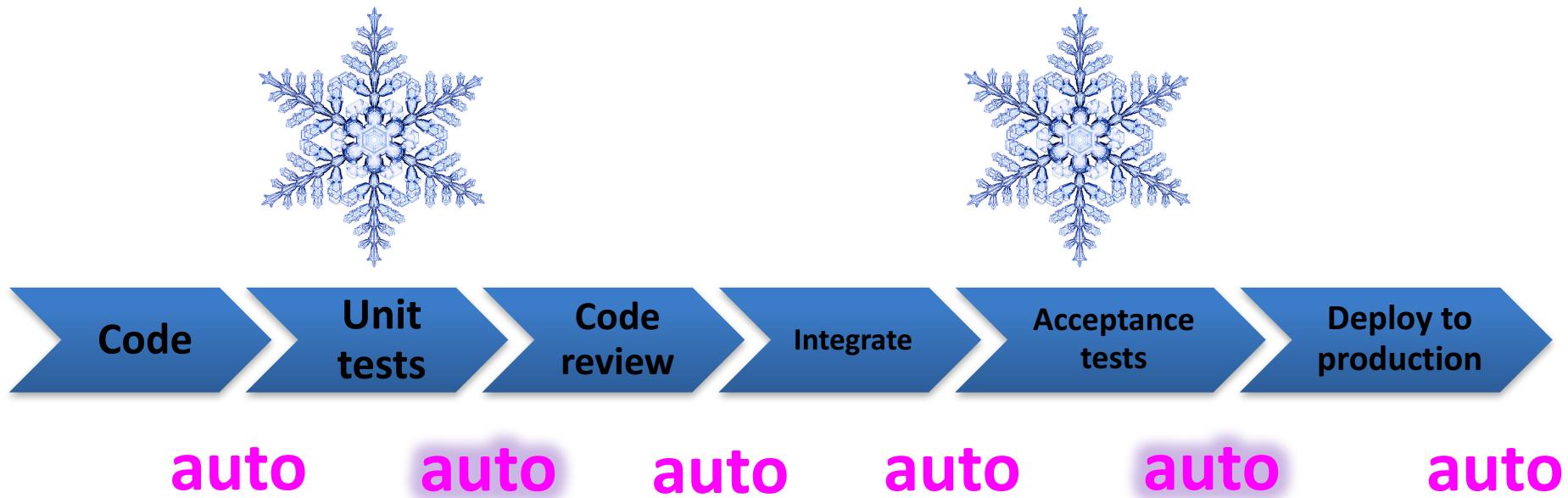
only in Rome



Dark



Theme 3: Flaky tests



Theme 4: Mobile deployment



App Store



Google play



Windows
Phone



Windows
Store

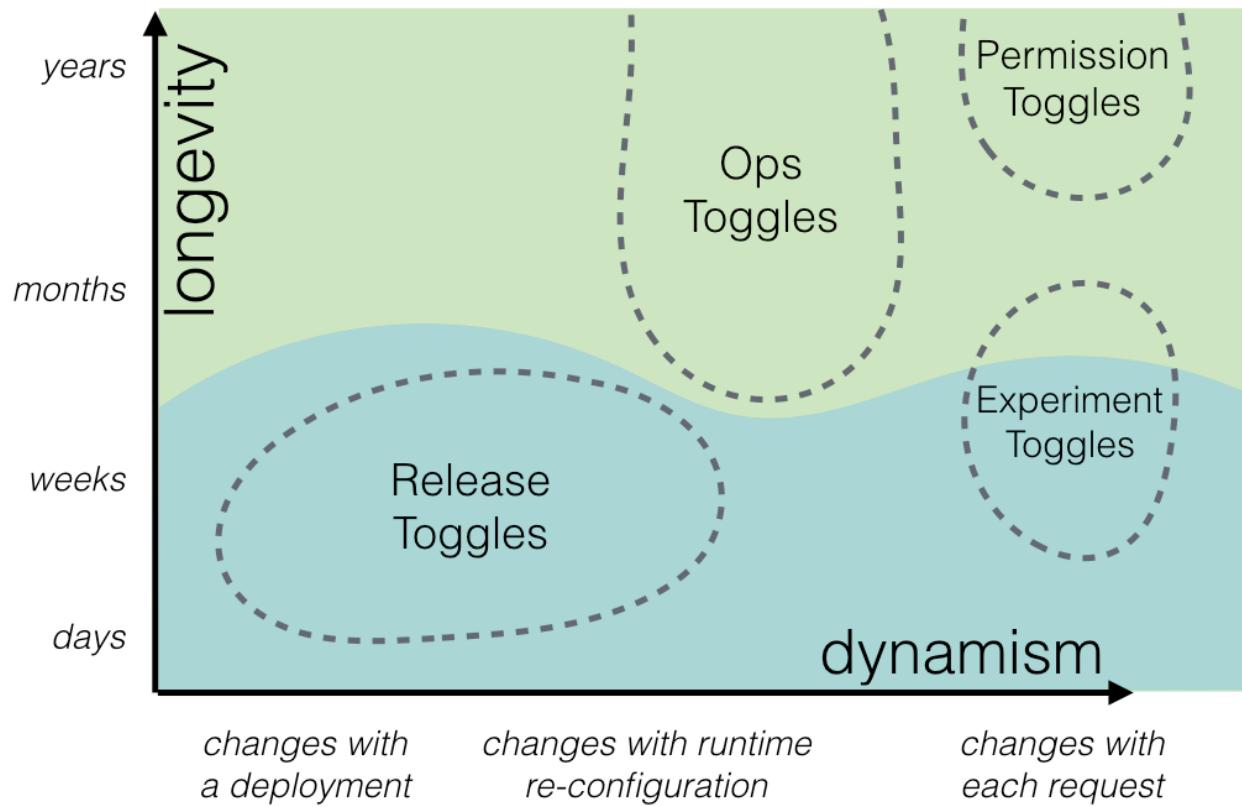
Theme 5: Culture



Theme 6: Shameless retrospective



Theme 7: Technical debt



Theme 8: Tool investment required

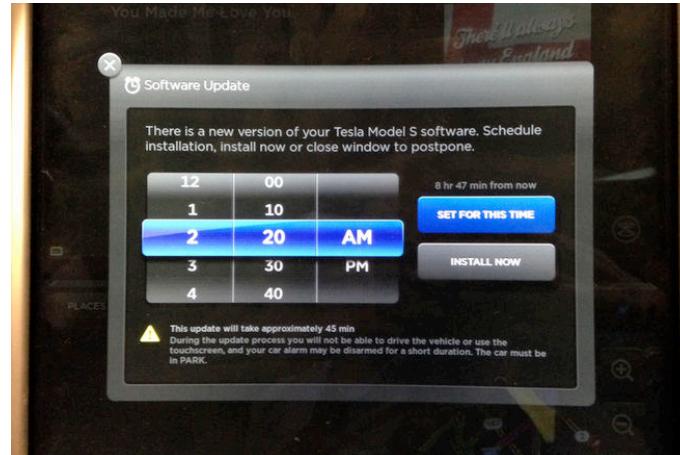
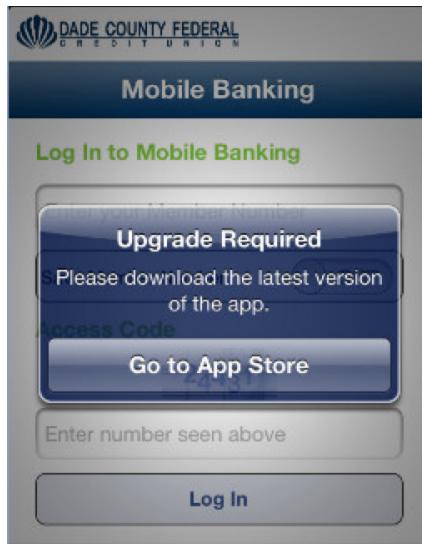
CONTINUOUS DEPLOYMENT



INFRASTRUCTURE AUTOMATION TOOLING

- ▶ Infrastructure Models - AWS Cloudformation, Terraform, Azure ARM Templates, Ubuntu Juju
- ▶ Hardware Provisioning - Packer, Foreman, MaaS, Cobbler, Crowbar, Digital Rebar
- ▶ Configuration Management - Puppet, Chef, Ansible, Salt, CFEngine
- ▶ Integration Testing - rspec, serverspec
- ▶ Orchestration - Rundeck, Ansible, Kubernetes (for docker)

Theme 9: Customer acceptance



How this free upgrade works

1 Reserve 2 Install 3 Enjoy

Reserve your FREE upgrade to Windows 10 now. It will download* once available, and you can cancel your reservation at any time.

You'll get a notification after Windows 10 is downloaded to your device. Install it right away or pick a time that's good for you.

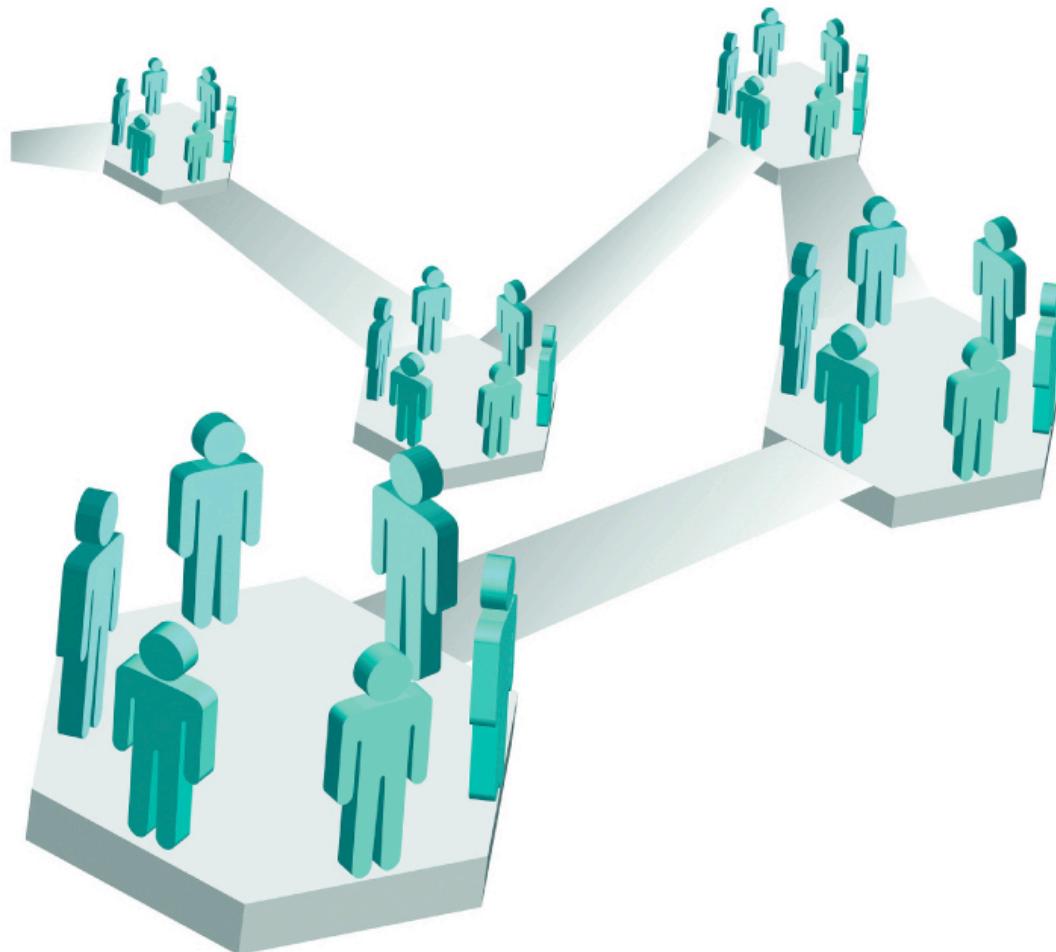
After it's installed, Windows 10 is all yours!

Reserve your free upgrade

*Yes, free. This limited time upgrade offer is for a full version of Windows 10, not a trial. 3GB download required; internet service fees may apply.

A screenshot of a Microsoft promotional landing page for a Windows 10 upgrade. The page has a blue header and background. It features three numbered steps: "1 Reserve", "2 Install", and "3 Enjoy". Step 1 describes reserving the upgrade. Step 2 describes the download and installation process. Step 3 states that after installation, Windows 10 is "all yours". A large "Reserve your free upgrade" button is at the bottom left. A note at the bottom right specifies the offer is for a full version of Windows 10, not a trial, and includes a 3GB download requirement and a mention of internet service fees.

Theme 10: Security



At Scale Security/Privacy Checks

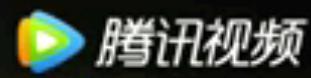




Chrysler's Solution To The Jeep Hack Is 1.4 Million USB Drives

Posted Jul 24, 2015 by **Drew Olanoff** (@drew)





Hack into Multiple ECUs

Demonstrate the Unauthorized Xmas Show

Researchers Hack A Model S, Tesla Sends Out Over-The-Air Fix

Posted Aug 6, 2015 by **Fitz Tepper (@fitztepper)**



La høsten
komme

KJØP NÅ ▶

POLARN O. PYRET

AdChoices ▾

Crunchbase

Tesla

FOUNDED
2003

OVERVIEW

The ability to get security fixes out fast!



Summary

- These practices are the “next level” of agile/lean ... but they are becoming more common



Photos

- <http://blog.crisp.se/2013/02/05/yassalsundman/continuous-delivery-vs-continuous-deployment>
- <http://www.howtogeek.com/218856/how-do-you-disable-the-get-windows-10-icon-shown-in-the-notification-tray/>
- <https://www.dfcu.org/updates-to-our-mobile-app/>
- <http://www.motortrend.com/news/tesla-model-s-fires/>
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- <http://visitcolumbusga.com/uploadedImages/BlackShame.jpg>
- <http://chrismcintosh.me/when-you-are-the-midnight-phone-call/>
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Photos

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- <http://www.conservationinstitute.org/10-fastest-animals-on-earth/>
- <http://www.azquotes.com/quote/1396278>