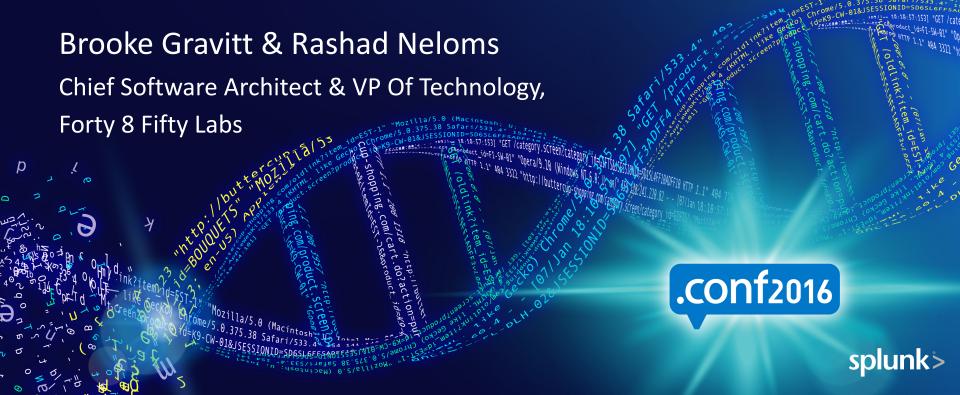
The Impossibles - A Story From a DevOps Team



Disclaimer

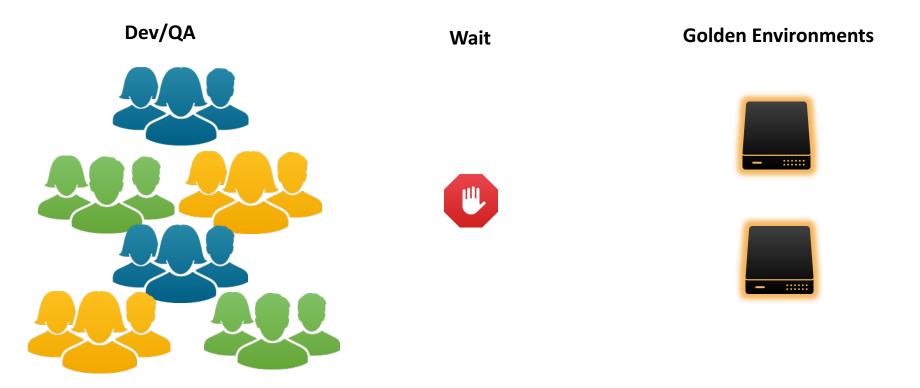
During the course of this presentation, we may make forward looking statements regarding future events or the expected performance of the company. We caution you that such statements reflect our current expectations and estimates based on factors currently known to us and that actual events or results could differ materially. For important factors that may cause actual results to differ from those contained in our forward-looking statements, please review our filings with the SEC. The forward-looking statements made in the this presentation are being made as of the time and date of its live presentation. If reviewed after its live presentation, this presentation may not contain current or accurate information. We do not assume any obligation to update any forward looking statements we may make. In addition, any information about our roadmap outlines our general product direction and is subject to change at any time without notice. It is for informational purposes only and shall not, be incorporated into any contract or other commitment. Splunk undertakes no obligation either to develop the features or functionality described or to include any such feature or functionality in a future release.

About Us

- Brooke Gravitt
 bgravitt@Forty8Fiftylabs.com
 - 18 years of industry mischief

- Rashad Neloms <u>rneloms@Forty8Fiftylabs.com</u>
 - 16 years of systems heroics

Lay of the Land



The Ask

Request How Golden Environments

12

?

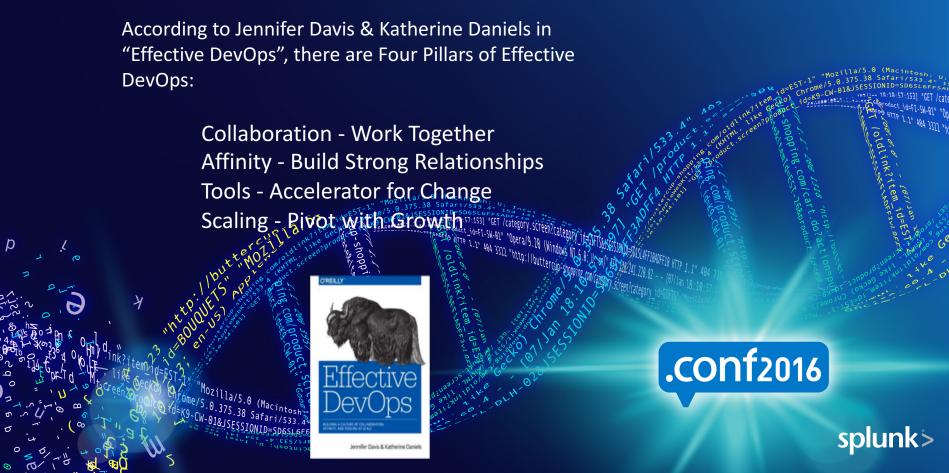




Put our heads in the Sand ©



We Took a DevOps Approach.....



Along with an Agile Heroic Effort...

What is Agile?

Agile

Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan

Customer requirements change often – short iterations allowed us to be responsive to the changes!



Back to "The Ask"

Request How Golden Environments

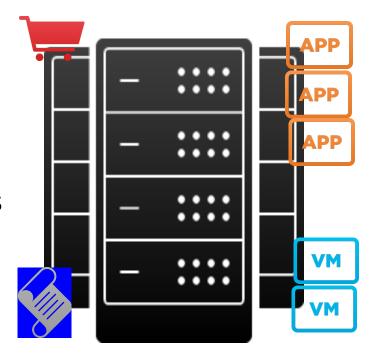
12





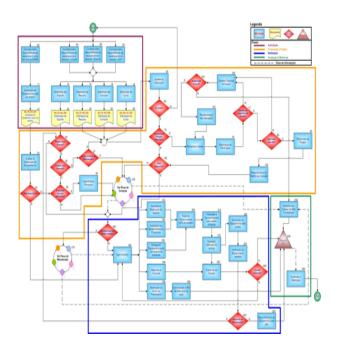
The New Ask! Cloud4Dev

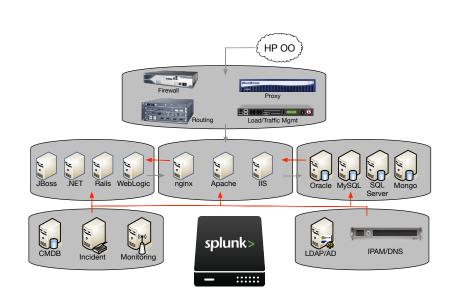
- Dev-Centric Private Cloud
- Fully Automated Provisioning
- Complex multi-layered custom private cloud
- Multiple integration points & APIs utilized



What First?

The Real Process & The Real Components



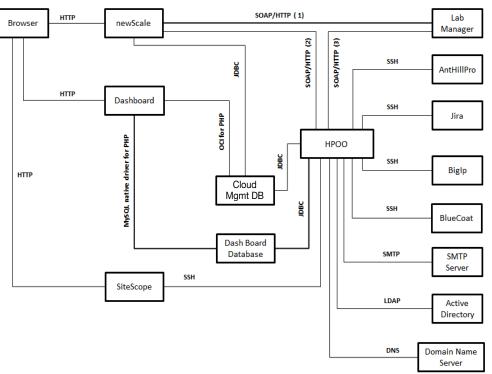


What Next?

Collaboration

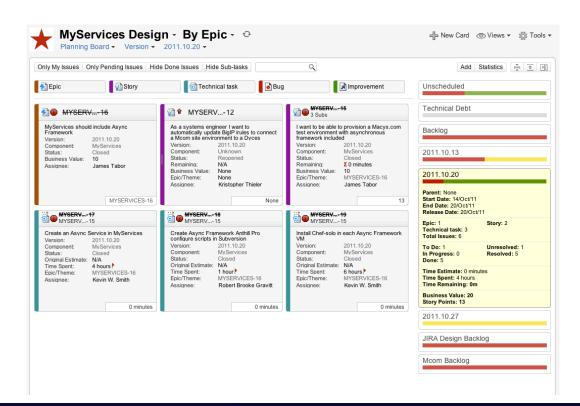


Integration



Real Agile in Ops

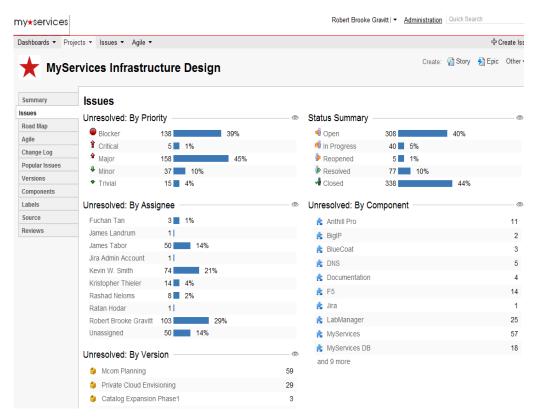
- Active Development
 Projects Features, User
 Stories
- Support for Current
 Releases Bugs, Fixes
- Automated Issue
 Creation & Alerting –
 Order Failures



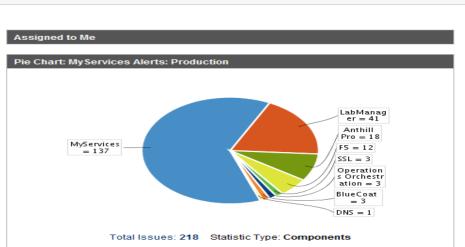
At-a-glance Project Status

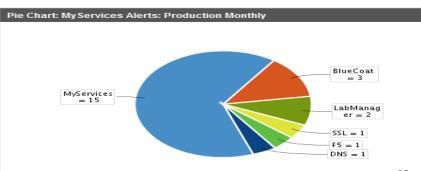
At-a-glance Project Status

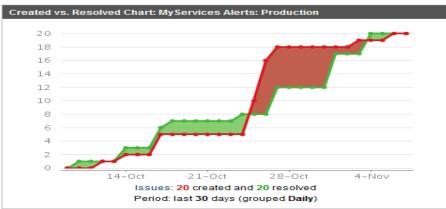
- Active Development Projects –
 Features, User Stories
- Support for Current Releases –
 Bugs, Fixes
- Automated Issue Creation & Alerting – Order Failures



Alerts Dashboard







Filter Results: MyServices Alerts: Production Monthly		
Created	Key	Summary
12/Oct/11	MYSVCSALERTS-441	Some Flow ended in Failure resulting in Phase Block order. 2472
17/Oct/11	MYSVCSALERTS-451	Some Flow ended in Error req.2504
14/Oct/11	MYSVCSALERTS-442	Some Flow ended in Failure resulting in Order Block
17/Oct/11	MYSVCSALERTS-450	Order 2499: Error in Lab Manager Deployment Step - Lab Manager Down
17/Oct/11	MYSVCSALERTS-458	Order 2522: Remove F5 Configuration Error
25/Oct/11	MYSVCSALERTS-474	Order: 2604 A duplicate certificate already exists in the database.
25/Oct/11	MYSVCSALERTS-475	Order 2605. Certificate Expiration - Test



ಭೆರ್ಷ Tools ▼

6

Atlassian JIRA + Splunk Platform



Putting It All Together

Demo JIRA & Splunk Working Together!

- JIRA Service Desk- Collaborative Service Management Solution
- JIRA Agile-is a project and task management solution for business teams.
- Splunk- Self Explanatory[®] We are at Splunk Conf

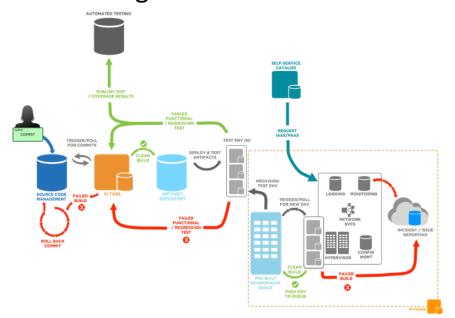


Back to The Results!

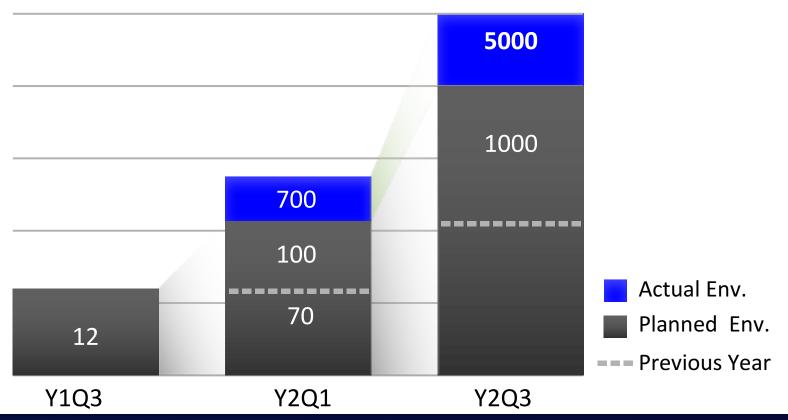
A Glorified.....



Highly Automated "On Demand" -Left To Right Infrastructure



More Results



Lessons Learned!

- SOA Architecture
- SOAP & REST interface façade
- Push up the Dev pipeline toward Prod
- Pay off all that technical debt



Questions



THANK YOU



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