Data-Driven DevOps Using Splunk Software and Ansible Tower

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Surescripts - Michael Intro

- DevOps Engineer
- Creates scalable, reliable and repeatable product delivery via process automation and optimization.
- Latest doings:



Hospital Systems

•Regulatory Authorities

9Health

Plans

?State and Federal Lawmakers

Pharmacies

•Standards Organizations

PHealth IT Companies

°EHR Companies



Healthcare Connected

One of only 105 U.S. companies certified for the highest level of information security

More than 700 certified EHR applications

We integrate within existing healthcare workflows

Connected to 3,300

hospitals

Medication history data for approximately two-thirds of the U.S. population

> A master patient index that covers 270 million insured lives in the U.S.

A directory of more than 900,000 providers

7 out of 10 office-based physicians use our network every day

Unrivaled access to pharmacy data

For every office visit nationwide, we deliver an average of 1.7 electronic prescriptions.

Medical record location and exchange capabilities



Ansible - Dylan Intro

- Product Manager and Tech Evangelist
- Background in DevOps, Application Operations, IT, SRE, #insertbuzzwordhere
- Trouble caused lately by:
 - Creating cool integration stories
 - Finished watching Game of Thrones (finally)
 - Catching various Pokémon whilst in Orlando!

A N S I B L E



Why Splunk and Ansible Tower?

- Popular platforms used by today's top companies
- Ansible Tower Automates complex deployments
- Splunk software Delivers operational intelligence from machine data
- Complementary platforms Integration yields natural benefits





by Red Hat[®]

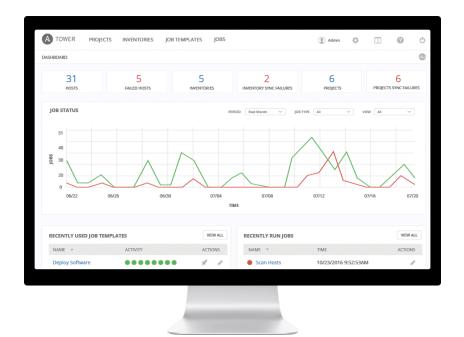




A simple automation language that describes your environment as code (Ansible Playbooks)

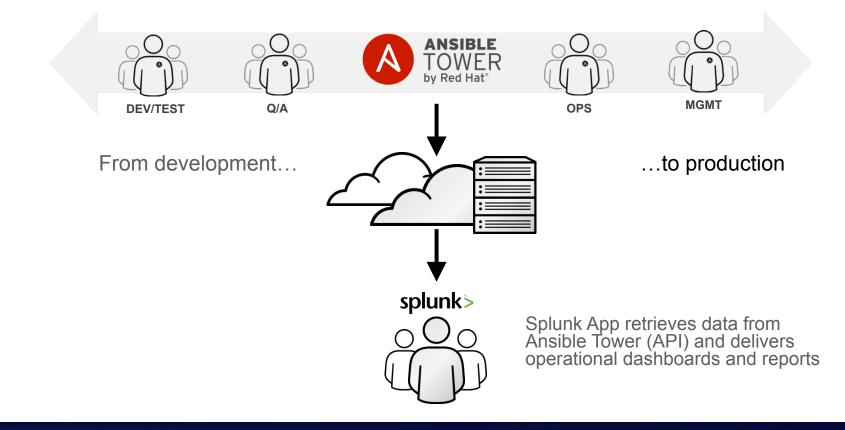
The automation engine that runs the Ansible Playbooks

An enterprise framework for Ansible automation with a UI and restful API





Ansible Tower App for the Splunk Platform





Integration Snapshot

- System Tracking Analytics
 - Ansible Facts
 - Package Information
 - Service Status
- Automation Analytics
 - Who ran a job?
 - How long did the automation take?
 - What hosts were involved in the job?



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Benefits Recap

- Analyze everything
 - What credentials were used?
 - What was and wasn't changed in the environment?
- More control and visibility
 - Correlation easier between deployments hosts
 - Change happens rapidly in large scale organizations

Takeaways

Linking tools is powerful, providing:

- Visibility
- Control
- Speed
- Quality
- Collaboration/Culture

All of which is the key to successfully practicing **#DevOps**

Thank You!!!

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