

# Replacing Legacy Automation Scripts with Red Hat Ansible Automation Platform

June 11, 2020

---

Mike Savage

Solutions Architect, Partner Technical Development, APEX

Red Hat

---

Mike McDonough

Senior Consultant

Stone Door Group



# Meet today's presenters



The world's leading provider of enterprise open source solutions.



**Mike Savage**  
**Red Hat**

Solutions Architect at Red Hat where he focuses on partner technical enablement for Red Hat's APEX Partners. Drawing from 25 years of industry experience, Mike assists Red Hat APEX partners in providing enterprise cloud solutions for their customers.



**Mike McDonough**  
**Stone Door Group**

Senior Consultant at Stone Door Group with 20+ years experience in systems engineering, solution architecture, and technical services roles. Consults on advanced infrastructure and information security topics with a focus on cloud and emerging technology.



DevOps solutions, integrations, and staff augmentation.

# Red Hat Open Demo

---

Replacing Legacy Provisioning Scripts with Ansible

Stone Door Group  
June 11, 2020



**Red Hat**

# Red Hat Ansible Automation Platform

- Ansible Engine - core CLI tooling, radically simple IT automation, enterprise support
- Ansible Tower - web UI, central control, RBAC, job scheduling, notifications
- Automation Hub - certified and supported content, community contributed content
- Automation Analytics - dashboard, health notifications, automation statistics
- Security Automation - firewalls, IDS, SIEM, PAM
- Network Automation - physical devices, SDN controllers, cloud networks



# About this Demo

---

The purpose of this open demo take out is to demonstrate how the Red Hat Ansible Automation Platform is replacing legacy scripts and automation tools.

# About this Demo

---

The following are the reasons why customers are choosing to make this takeout:

- Reduce repetition
- Manage complex deployments
- Coordinate security
- Simplify implementation
- Empower more users

# Demo Assumptions

This demo assumes that the customer is currently using a mix of Bash scripts and (open source) Puppet to manage their Linux and Windows systems. The customer is currently running into the following technical challenges:

- No standardized, enterprise-wide automation tool
- Current automation tools, as implemented, lack enterprise features, like:
  - Ability to scale to manage large environments
  - Integration with enterprise authentication services (ex: AD, LDAP, etc.)
  - Notifications, reporting, and visibility
  - Audit trails and integration with centralized logging tools
- Tools have steep learning curves for new team members

# Demo Overview

---

The purpose of this particular open demo takeout is to demonstrate the following:

- Configure Red Hat Ansible Tower
- Configure client nodes (Red Hat Enterprise Linux 7, Windows Server 2019)
- Execute typical day 1 and day 2 operations tasks using Ansible Tower



# Red Hat Open Demo

---

## Ansible Automation Platform

# Key Demo Takeaways

---

## Red Hat Ansible Automation Platform:

- Powerful, yet easy to implement and use automation solution
- Backed by one of the top ten open source communities worldwide
- “... drives orchestration, configuration management, and governance at an enterprise scale.” (Forrester, 2019)

# About Stone Door Group

---

The following are the key takeaways from the demo:

- Stone Door Group maintains one of the largest benches of Red Hat certified Ansible consultants in the world
- Ansible Migration Accelerator<sup>SM</sup> transforms your silos of automation tools into one powerful interface
- Speak directly to our consultants who have deep Ansible experience and expertise.

# References

---

<http://www.stonedoorgroup.com/ansible-migration>

<https://www.ansible.com/products/automation-platform>

<https://cloud.redhat.com/ansible>

<https://docs.ansible.com/>

<https://galaxy.ansible.com/>