

# Deploying a system monitoring framework using Ansible Tower

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# Learn to know the audience

Show of hands please

Ansible  
Ansible Tower  
Committing code on github

# Conclusion Xforce

## Who we are

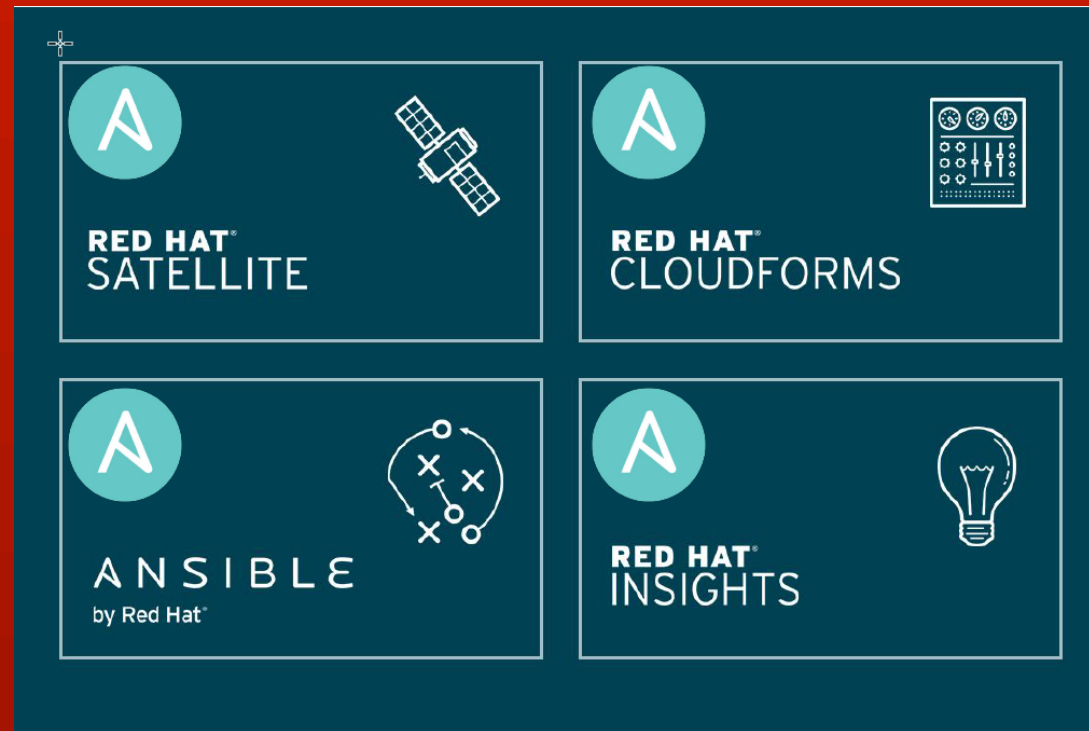
- Subsidiary company of Conclusion
- Specialist in Open Source technologies
- Red Hat Premier Business Partner
- Red Hat Certified Cloud & Service Provider
- Nagios Enterprises Partner
- Consultancy
- Projects

# Ansible

## Some facts

- IT automation tool
- Github over 25000 stars and over 3000 contributors
- Acquired by Red Hat in 2015
- Ansible Tower
- Announcements September 2017 (AnsibleFest)
  - Ansible Engine
  - Ansible Engine Network Add-on
  - Ansible Tower 3.2 (based on AWX)

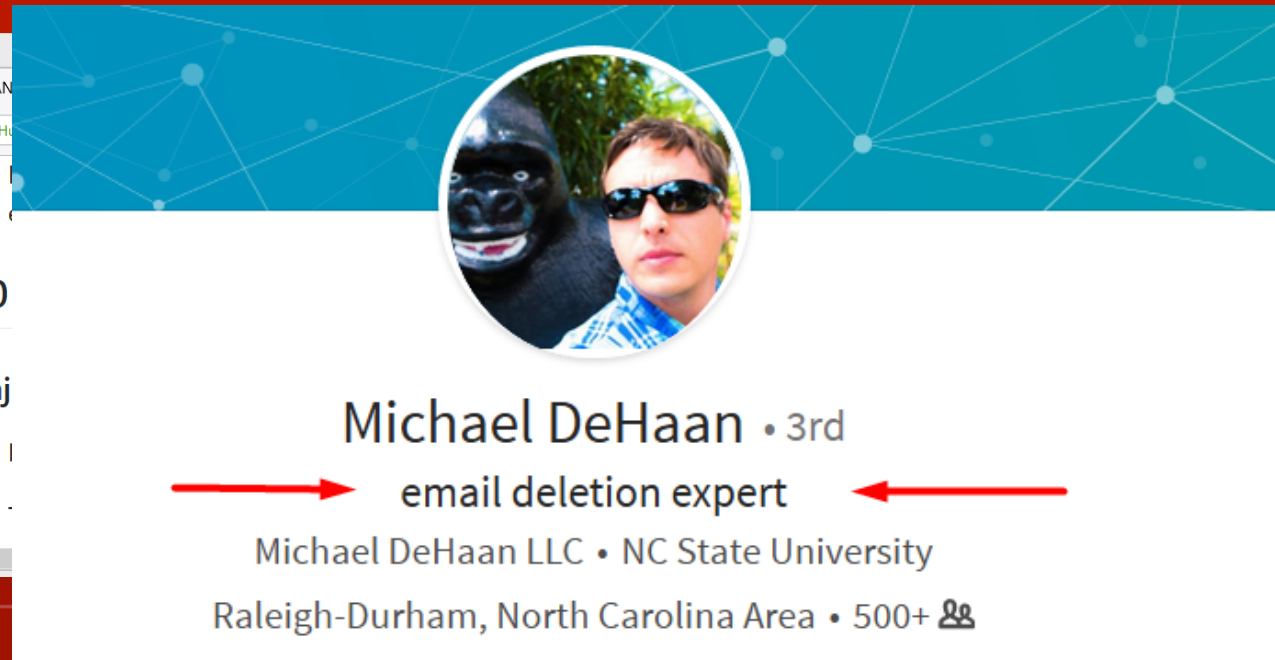
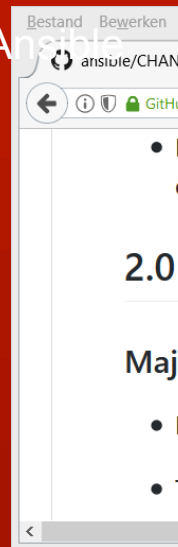
# Red Hat Management Portfolio



# Ansible

## Fun facts

- Releases are named after **Led Zeppelin** songs.
- Releases prior to 2.0: **Van Halen** songs
- The founder of Ansible currently has **this** LinkedIn profile



# Ansible Tower

... an enterprise framework

- Controlling
- Securing
- Managing
  
- With a **User Interface**
- With a **RESTful API**.

# Use case: implement Nagios monitoring

What needs to be done?

- Install Red Hat Enterprise Linux on vm
- Upgrade Red Hat Enterprise Linux
- Install package group MariaDB database server
- Tune MariaDB
- Install and configure application (Nagios XI)
- Deploy (upgrade) client software (nscclient++, ncpa)



# Use case: implement Nagios monitoring *cont'd*

Which steps are covered by Ansible plays?

- Upgrade Red Hat Enterprise Linux
- Install new package (Apache, PHP)
- Change system configuration (timezone settings)
- Install package group MariaDB database server
- Tune MariaDB settings
- Install Applicatie (Nagios XI)
- Configuration Applicatie (Nagios XI)
- Deploy client software

# Ansible Tower demo

Q&A after (or during) demo