Consolidating manageability using Ansible Tower

Our way forward
Introduction

- Jeanou Smulders
- Owner @ Imagure
  - https://www.imagure.nl
  - info@imagure.nl
- 10+ years experience in various IT roles

- Hired by the City of Amsterdam
  – Solution Architect
  – Integration Specialist
  – Innovator
  – Designer
  – Ansible developer
Starting point

- Multiple solutions to automate
- Multiple teams doing their “thing”
- Long lead times
Drivers

The usual

- Life Cycle Management on infrastructure components
- Patch and Release management requirements
- Cost reduction
- Time to market
- Able to accommodate new technologies

- Current automation space was a mess!
Main goals

- Life Cycle Linux automation platform
- Facilitate Patch and Release management with tooling
- Introduce tooling to better accommodate capacity and continuity management
Linux infrastructure management

- RHSS
- Ansible
- VMWare
- Portal
- SCORCH
- InfoBlox
- VM's
Linux infrastructure management (future)

- RHSS
- VMWare
- VM’s
- Firewall
- Routing
- Networking
- Others
- InfoBlox
- Portal
- Ansible
Possibilities?

- Ansible
- Docker
- OpenStack
- Netwerk
- Windows
- Linux
Quick start

- Red Hat consultant 8 weeks on-site, to:
  - Educate employees
  - Design Ansible Tower and Red Hat Satellite Server
  - Configuration of Ansible Tower and Red Hat Satellite Server
  - Help migrate Puppet to Ansible Tower
  - Documentation
Value for business

- New features
- Faster changes
- Fewer errors
- More with less
- Coexistence Ops with Dev
What’s next?

- Choices!
- Find support with other departments
- CI/CD possibilities
- Metering
- Integration with partners
Questions?
Thank you!