City of
Amsterdam

Consolidating manageability using Ansible Tower

Our way forward

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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

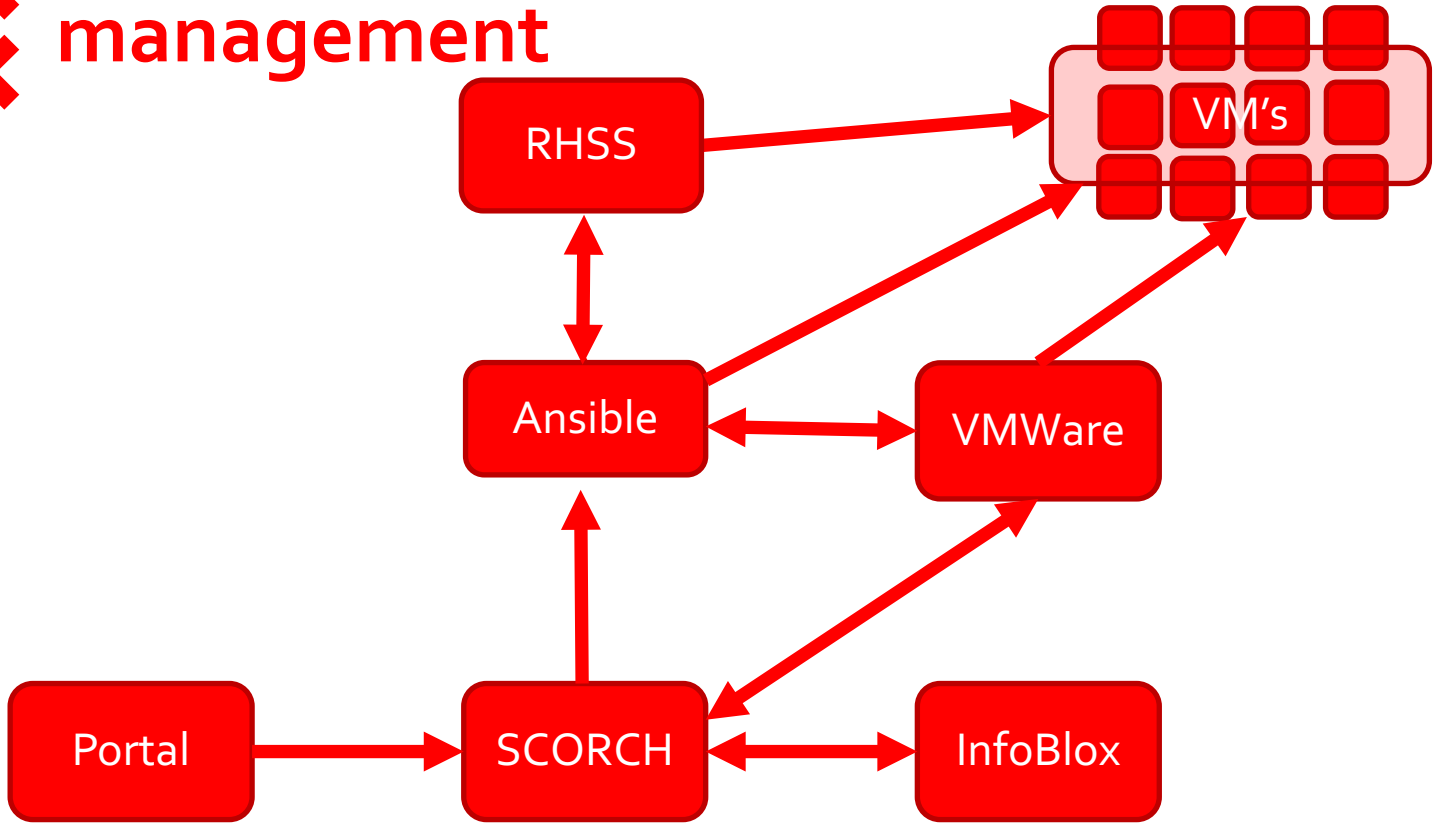
- Life Cycle Management on infrastructure components
- Patch and Release management requirements
- Cost reduction
- Time to market
- Able to accommodate new technologies

- Current automation space was a mess!

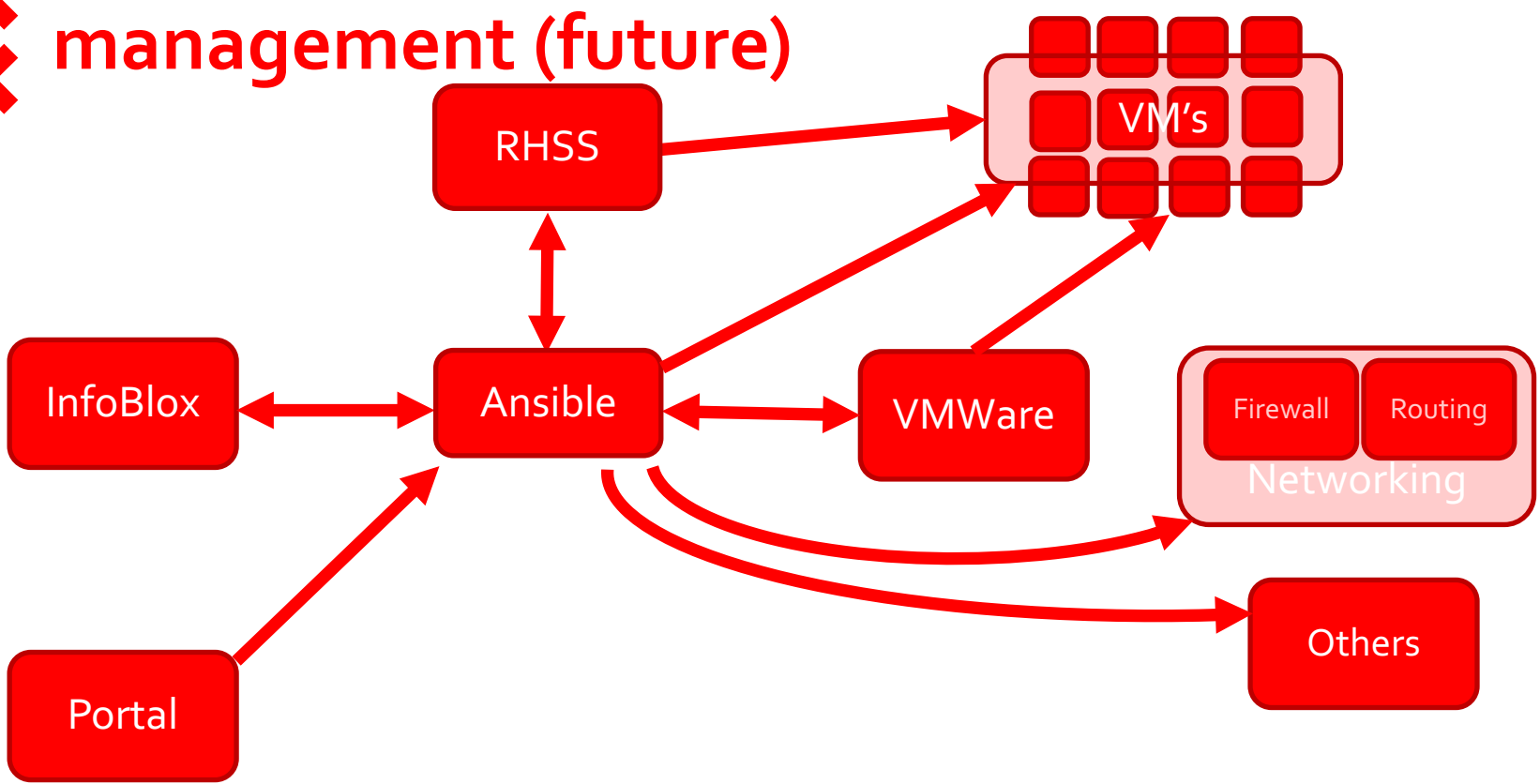
Main goals

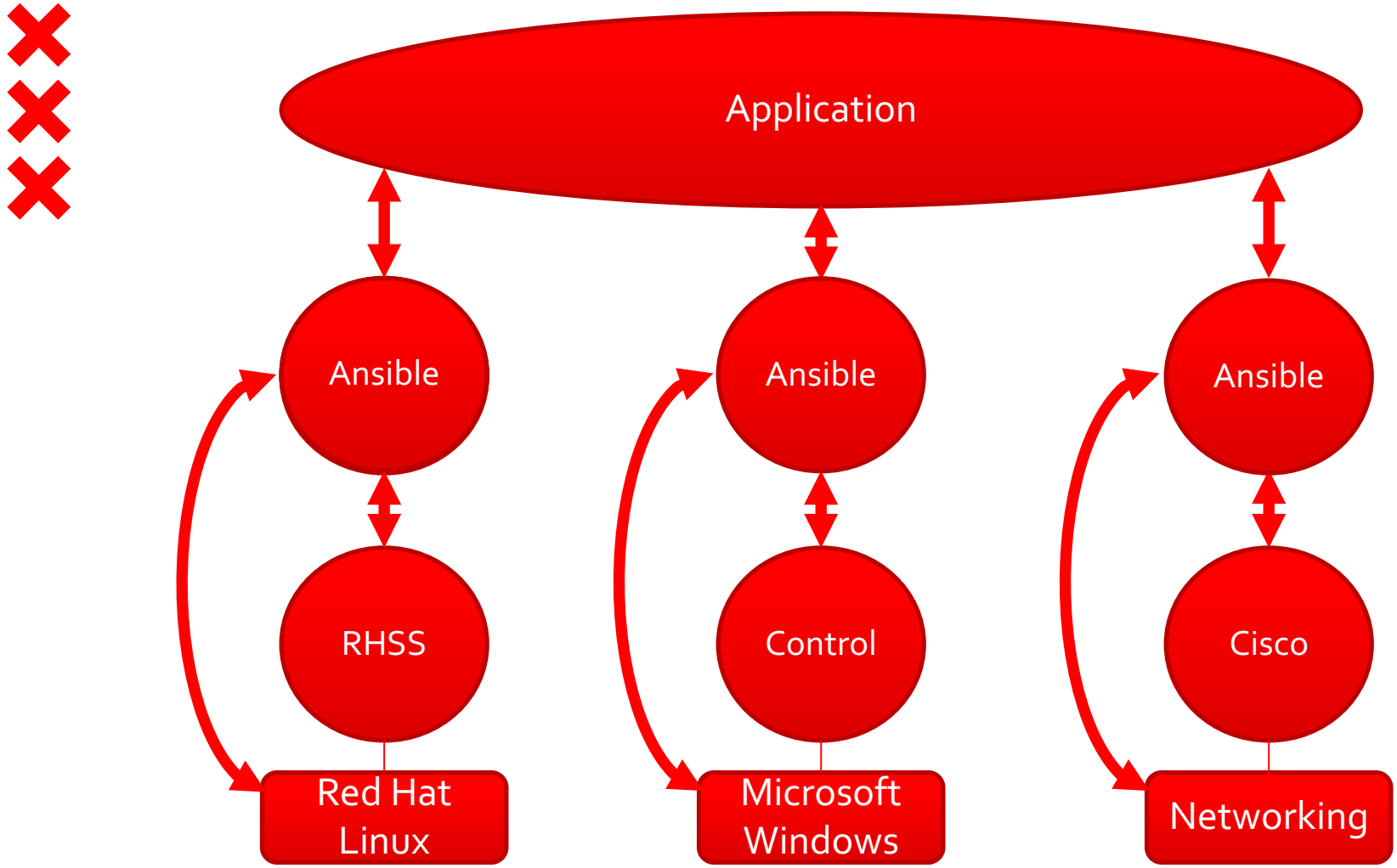
- Life Cycle Linux automation platform
- Facilitate Patch and Release management with tooling
- Introduce tooling to better accommodate capacity and continuity management

Linux infrastructure management

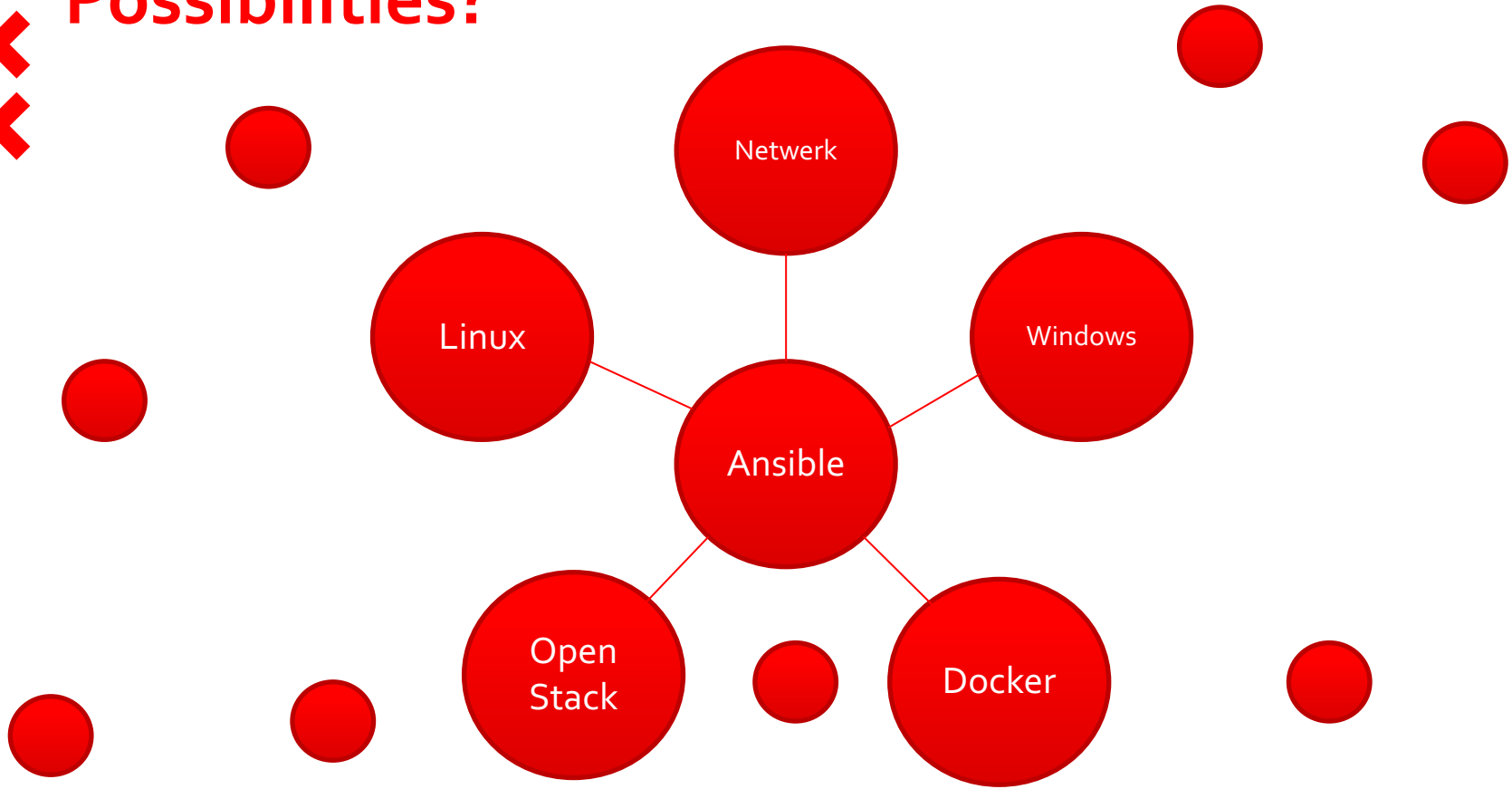


Linux infrastructure management (future)




Application
Ansible
Ansible
Ansible
RHSS
Control
Cisco
Red Hat Linux
Microsoft Windows
Networking

Possibilities?



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!