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Management a automatizace - cesta k moderní IT infrastruktuře (Red Hat & Intel)

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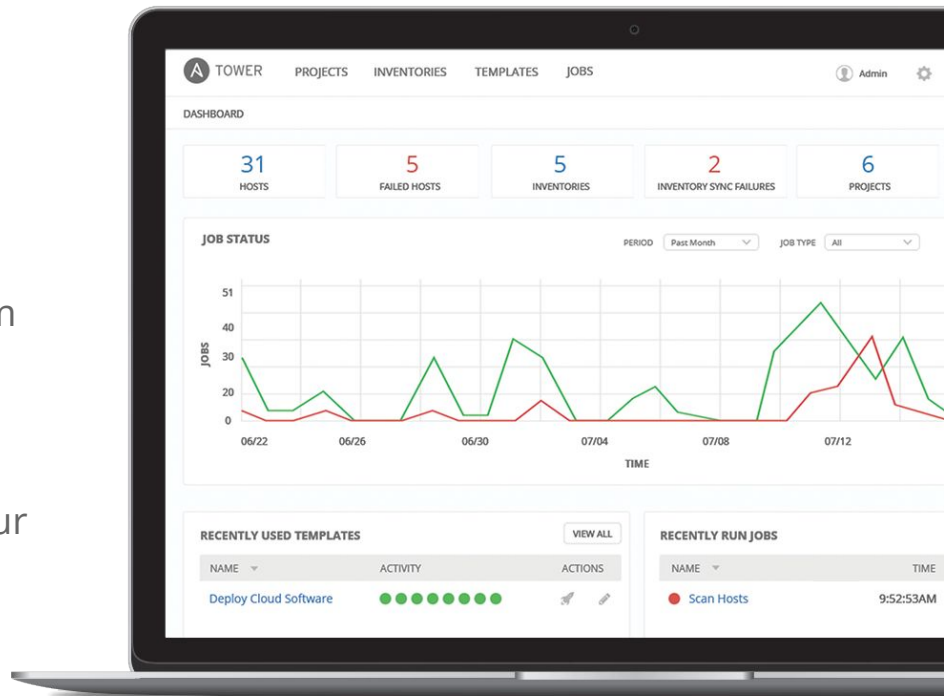


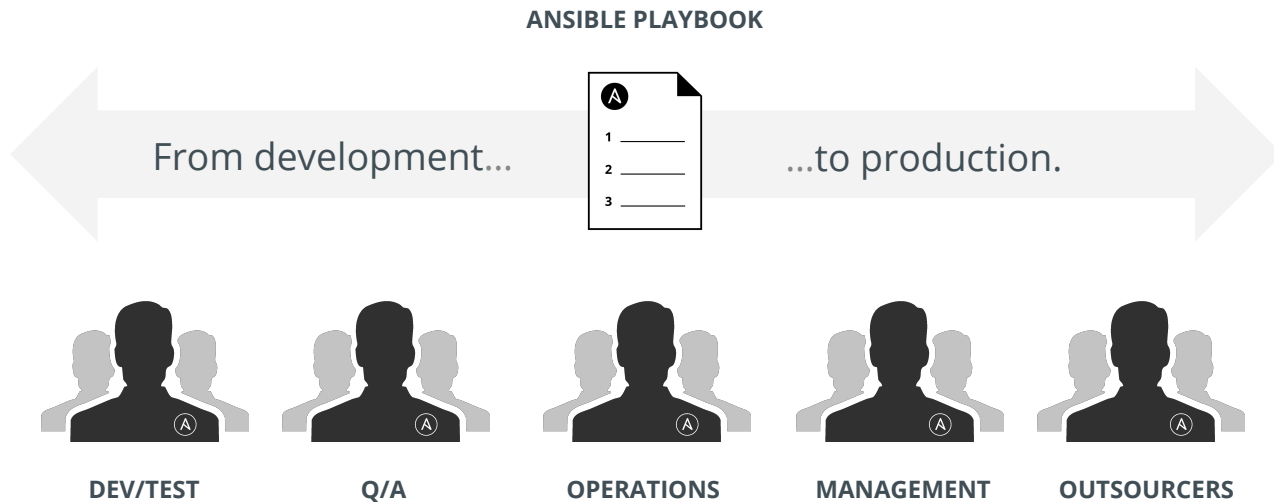
Automatizace vašeho datacentra jednoduše a výkonně - Red Hat Ansible Engine a Ansible Tower (hands-on)

The Ansible project is an open source community sponsored by Red Hat. It's also a **simple automation language** that perfectly describes IT application environments in **Ansible Playbooks**.

Ansible Engine is a **supported product** built from the Ansible community project.

Ansible Tower is an **enterprise framework** for controlling, securing, managing and extending your Ansible automation (community or engine) with a **UI and RESTful API**.





Ansible is the first **automation language** that can be read and written across IT.

Ansible is the only **automation engine** that can automate the entire application lifecycle and continuous delivery pipeline.

```
---
- name: install and start apache
  hosts: web
  become: yes
  vars:
    http_port: 80

  tasks:
    - name: httpd package is present
      yum:
        name: httpd
        state: latest

    - name: latest index.html file is present
      copy:
        src: files/index.html
        dest: /var/www/html/

    - name: httpd is started
      service:
        name: httpd
        state: started
```



RED HAT®
ANSIBLE®
Automation

RED HAT ANSIBLE TOWER

Scale + operationalize your automation

CONTROL

KNOWLEDGE

DELEGATION

RED HAT ANSIBLE ENGINE

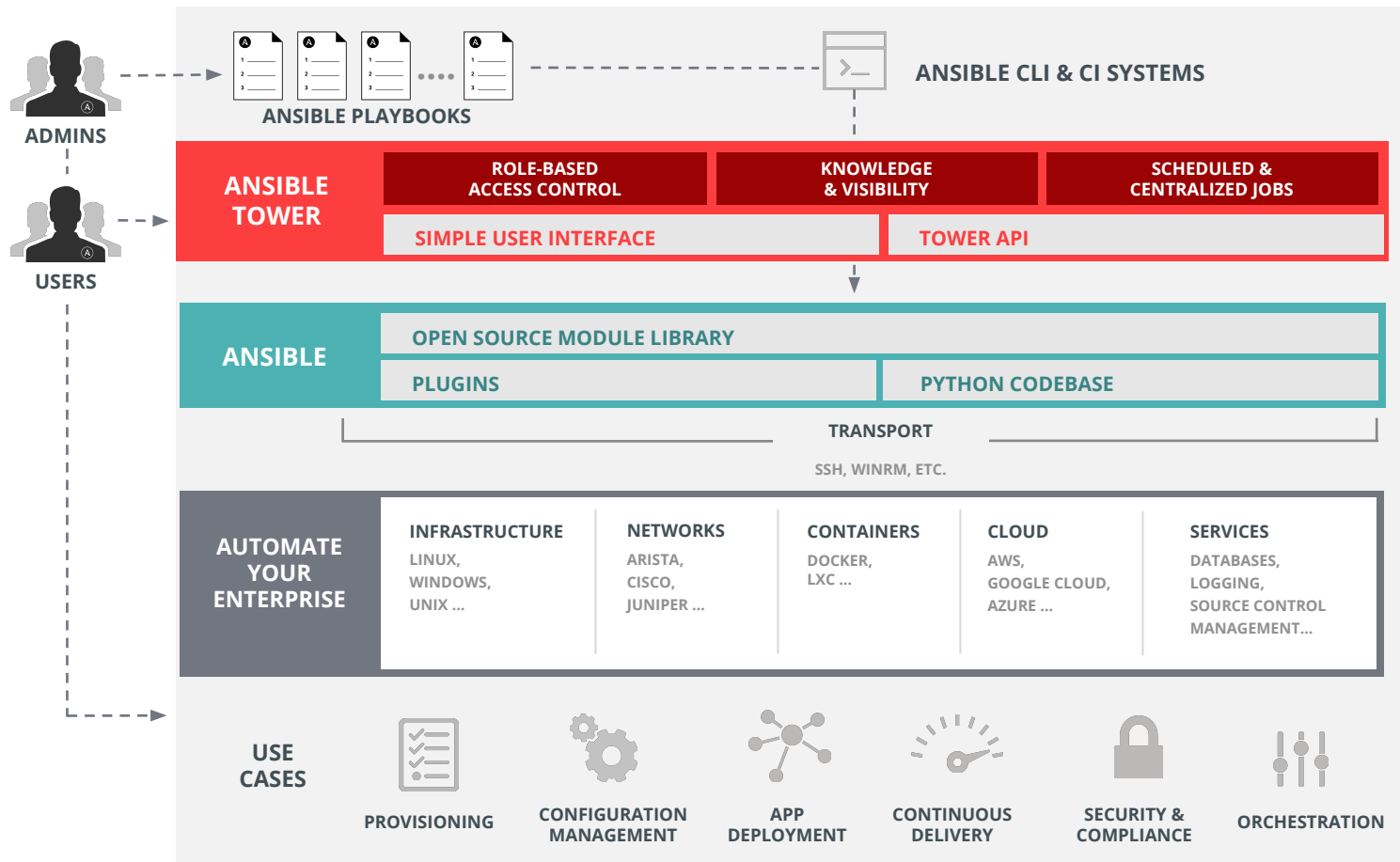
Support for your Ansible automation

SIMPLE

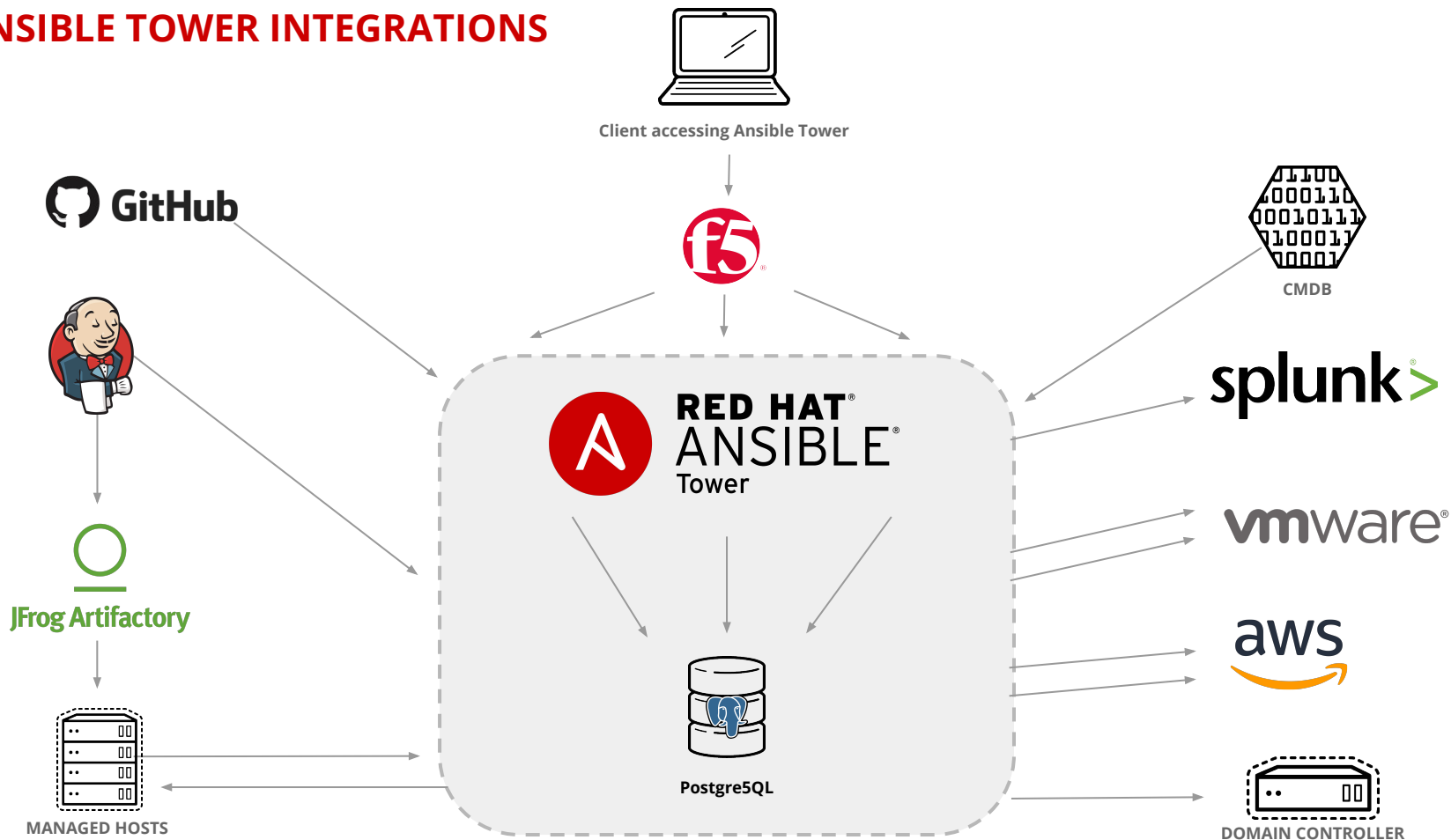
POWERFUL

AGENTLESS

FUELED BY AN INNOVATIVE **OPEN SOURCE** COMMUNITY



ANSIBLE TOWER INTEGRATIONS



CASE STUDY: COX AUTOMOTIVE



Challenge:

- Provide IT systems quickly to developers and business units
- Standardize deployed systems to meet all corporate security policies

Solutions:

- Red Hat® Ansible Automation (on OpenStack® infrastructure)

Results:

- Provide in minutes what used to take weeks
- Ensure systems provided meet corporate security requirements

HANDS-ON LAB

Accelerate service delivery through self-service
and automate IT processes.

KEY TAKEAWAYS



Path 6: Manage IT with automation

- IT services can be delivered rapidly via a self-service portal.
- Automating IT processes, like service provisioning or problem identification and remediation, saves time.



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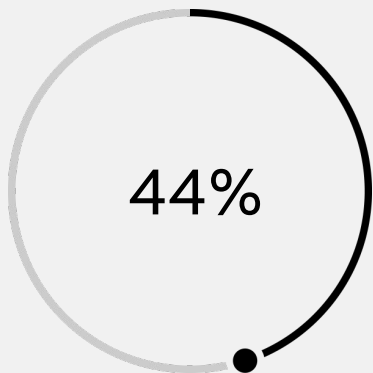
Optimizujte a rozšiřte své investice do virtualizace - Red Hat Virtualization (demo)

DIGITAL TRANSFORMATION: VIRTUALIZATION REMAINS KEY

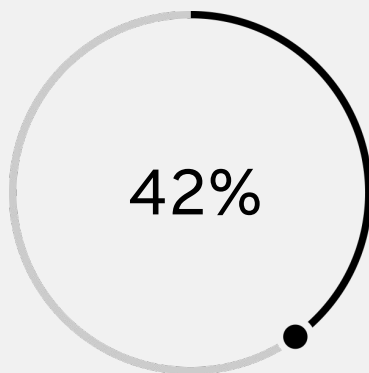


LEVERAGE AND INTEGRATE EXISTING INVESTMENTS TO ENABLE FUTURE TECHNOLOGY

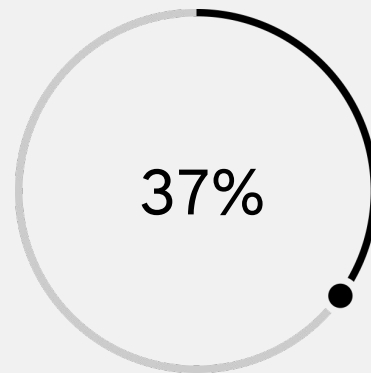
DIGITAL TRANSFORMATION IS ESSENTIAL



Security and
compliance



Cost and budget



Data growth and
management



WHERE ONE RED HAT CUSTOMER STARTED

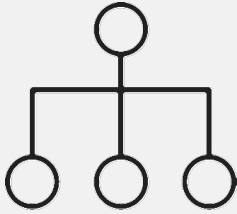


Slashed costs by **50%**

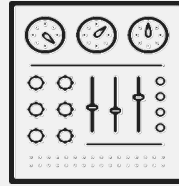
“ With this implementation, we managed to reduce the number of servers by more than 75 percent while saving 50 percent on software licensing and maintenance costs.

ROBIN PORTER
BUSINESS DEVELOPMENT
MANAGER, QURU

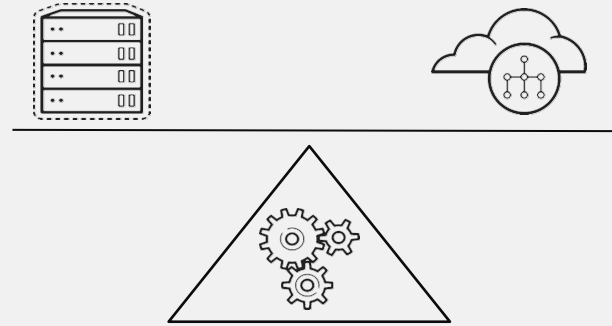
RED HAT VIRTUALIZATION



Optimized and
integrated IT



Centralized
management

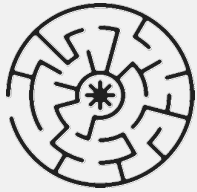


Automated
workload
management

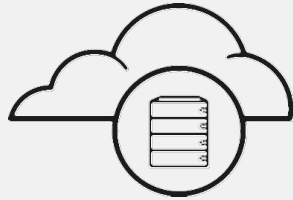
A woman with blonde hair is shown in profile, looking at a large digital display. The image is heavily overlaid with a red color scheme. On the right side, there is a pattern of concentric squares. The overall composition suggests a high-tech or data-driven environment.

RED HAT SOLUTIONS

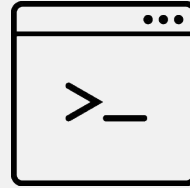
RED HAT VIRTUALIZATION USE CASES



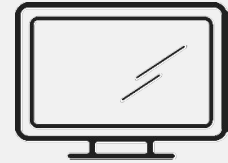
Mission-critical
virtualization



Cloud transition



Dev/test



Technical
workstations

RED HAT® VIRTUALIZATION TECHNICAL OVERVIEW

