# Ansible for Everything Else

PRESENTED BY
Steve Clatterbuck
Red Hat Practice Architect, WWT

# About Me

- Red Hat PS Practice Architect at World Wide Technology
- 15 years Sysadmin'ing around with Unix/Linux
- Started automating Operations in 2009 (ish)
- Not a programmer/developer
- Main focus areas are OpenShift Infrastructure, Ansible Tower, and CloudForms
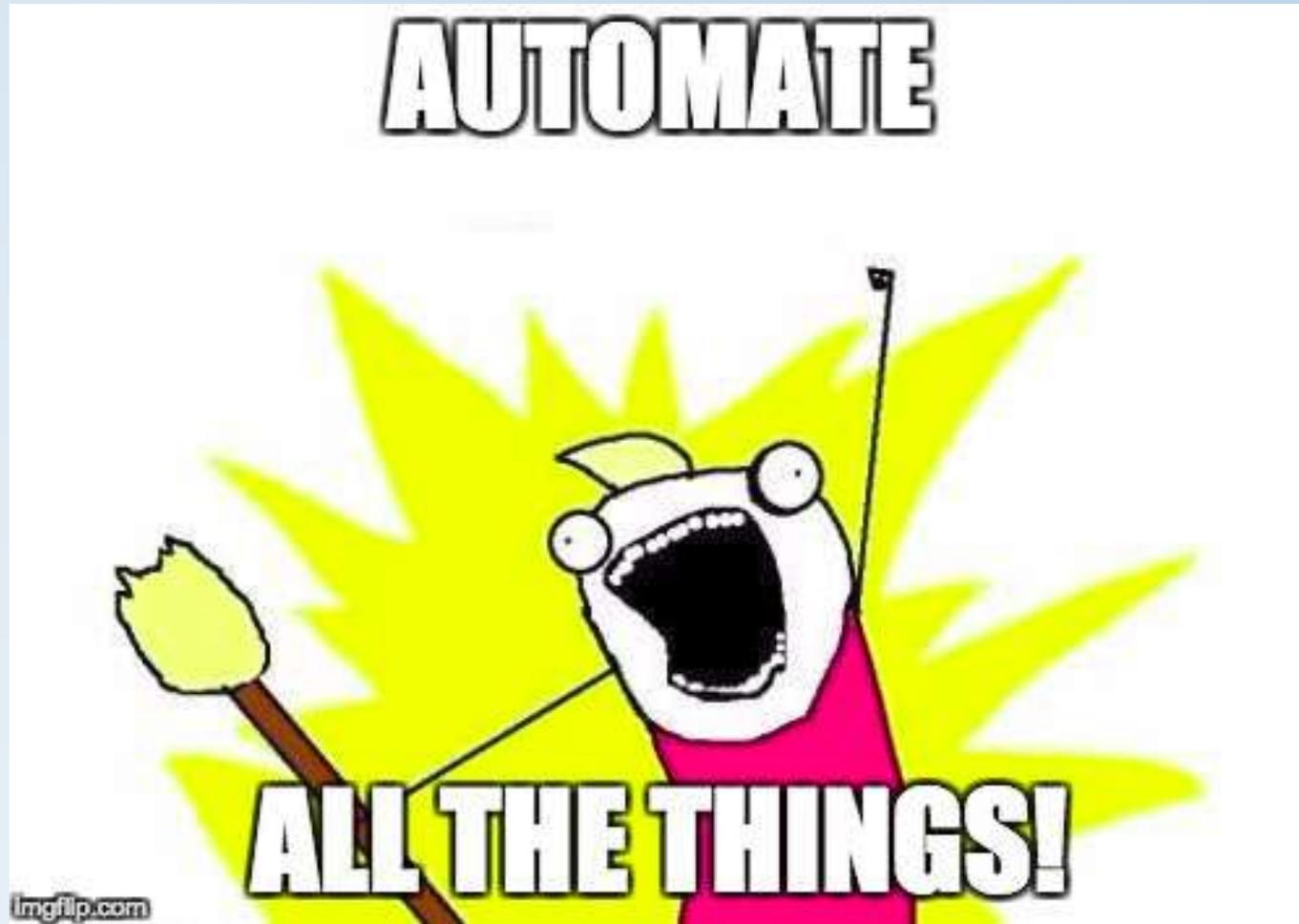
# About World Wide Technology

- Red Hat Business Transformation Partner of the Year 2018
- Red Hat Premier Partner
- F5 Platinum Partner
- Cisco super premier awesome gold biggest partner ever in the world. (Gold)





Questions: PSDevelopment@wwt.com

# Why I'm here today:

# My journey with Automation

- Worked for a large payment processor
- Automated the Linux builds
- Everything outside of Linux was manual
- Outages we commonplace

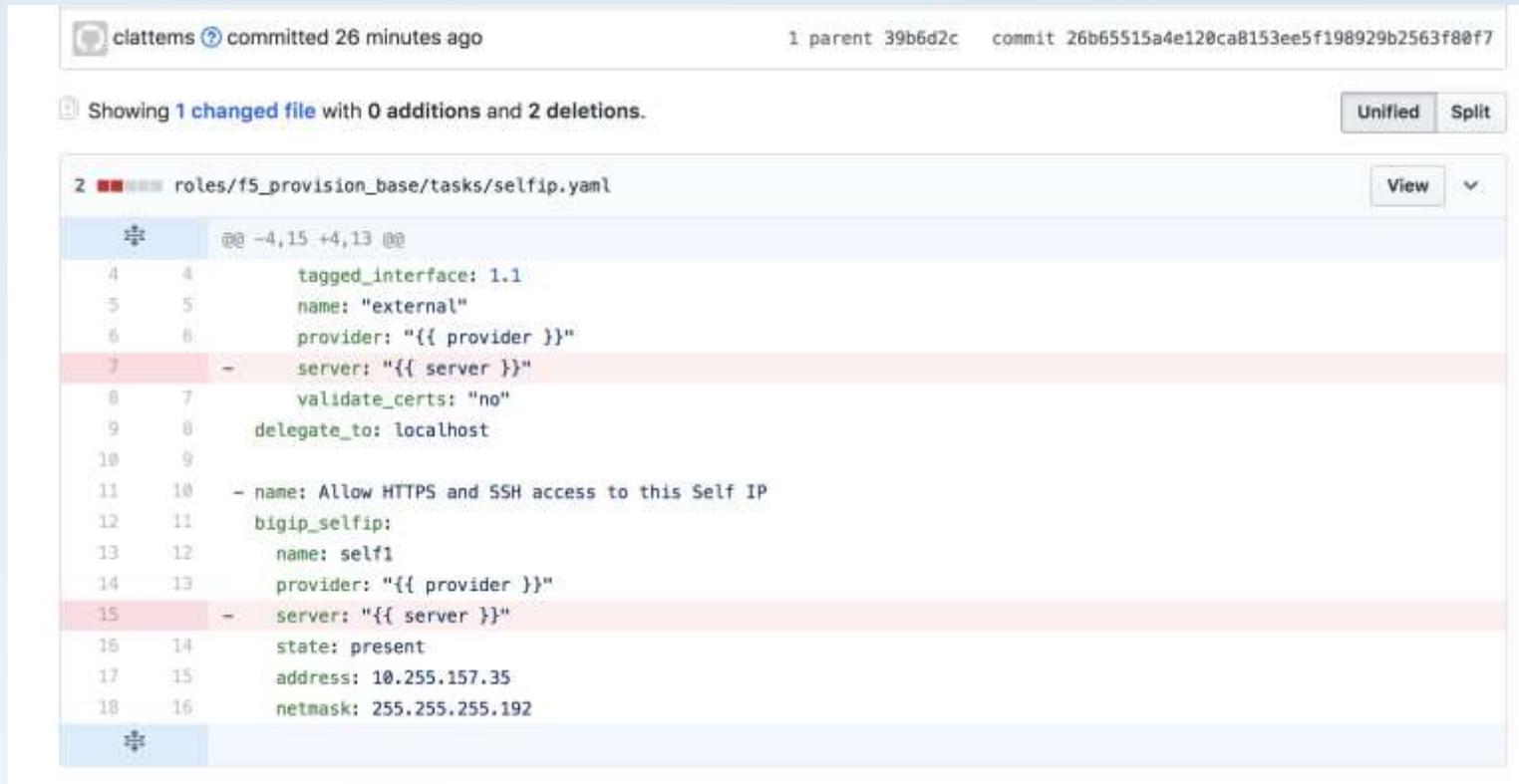World Wide Technology | PROFESSIONAL SERVICES

# Why should we automate?

- You shouldn't be doing anything manual that can be automated
- Less human errors
- Leads to a more stable environment
- Get your life back

# How do you get started?

- VCS
- Start Small, Win Big
- Paired "Programming"
- Keep building, doing more and more challanging tasks

# Why Ansible

- Common language
- No need for agents
- Utilizes common ports that are more than likely already open

```
1     ---
2   - name: Collect all BIG-IP facts
3     bigip_device_facts:
4       provider: "{{ provider }}"
5       gather_subset:
6         - interfaces
7     delegate_to: localhost
8     register: facts
9
```

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# Why Tower

- The API!
- RBAC
- Reporting
- VCS Integration
- GUI
- Templates and Workflows
- Surveys and Forms
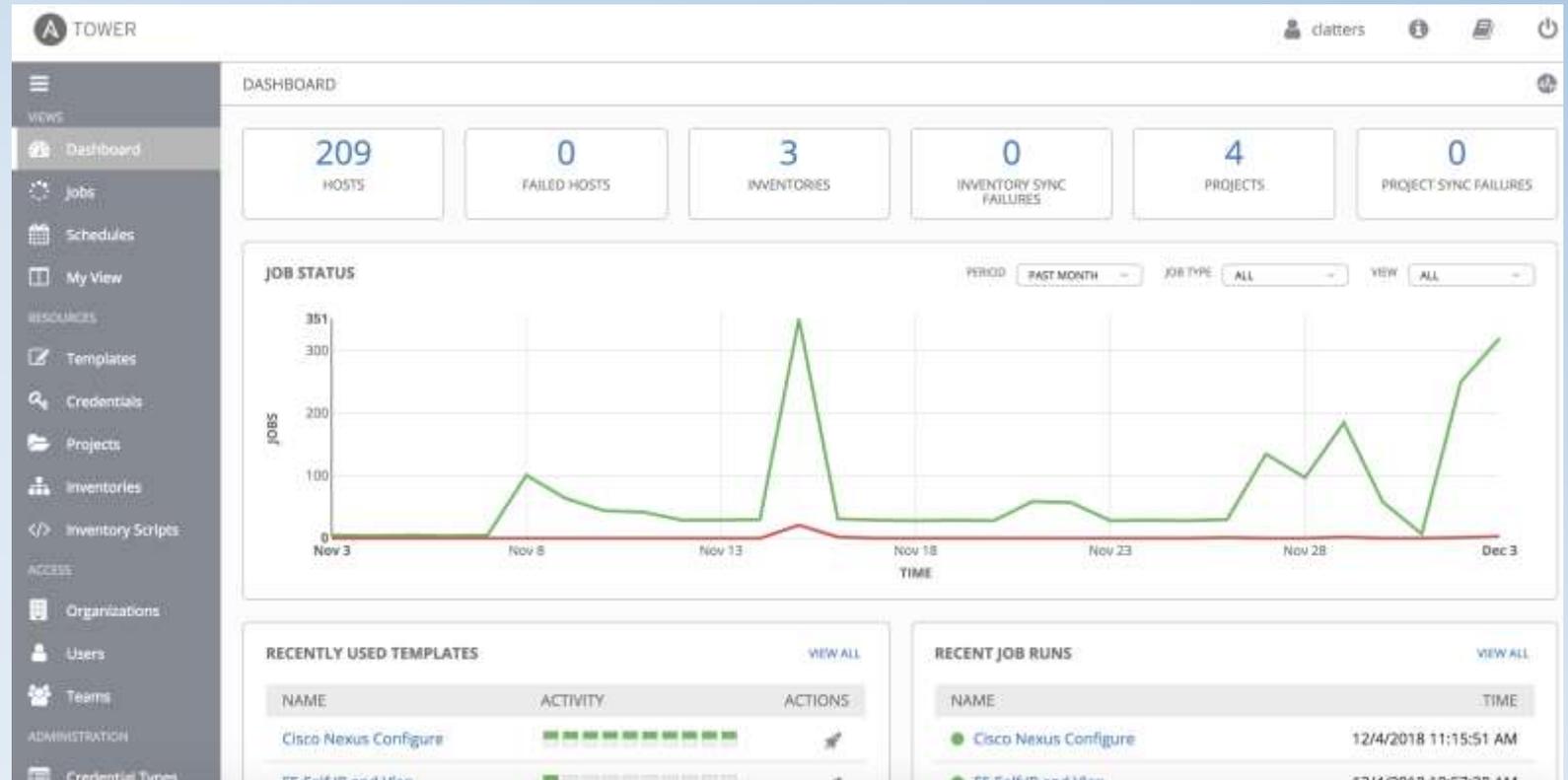


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# What else can Ansible automate besides Linux?

# Last slide

- Let's do a demo, and take the Cisco NXOS and F5 modules for a little test drive