



FOREMAN

How to audit, fix (and be merry) with OpenSCAP & Foreman

Ondřej Pražák



FOREMAN

Outline

- Motivation
- OpenSCAP
- Foreman
- Foreman OpenSCAP Demo



FOREMAN

About me

- member of The Foreman team at Red Hat
- one of the foreman_openscap maintainers
- first-time speaker at FOSDEM who likes beer ;-)



FOREMAN

Why compliance?



OpenSCAP

- SCAP – Security Content Automation Protocol
- open-source implementation, NIST certified





FOREMAN

Foreman in a nutshell



Provisioning



Configuration



Monitoring



Provisioning

- containers, VMs and bare metal
- VMware, Libvirt, oVirt, EC2, Docker, OpenStack, Rackspace, Digital Ocean...
- network and image based



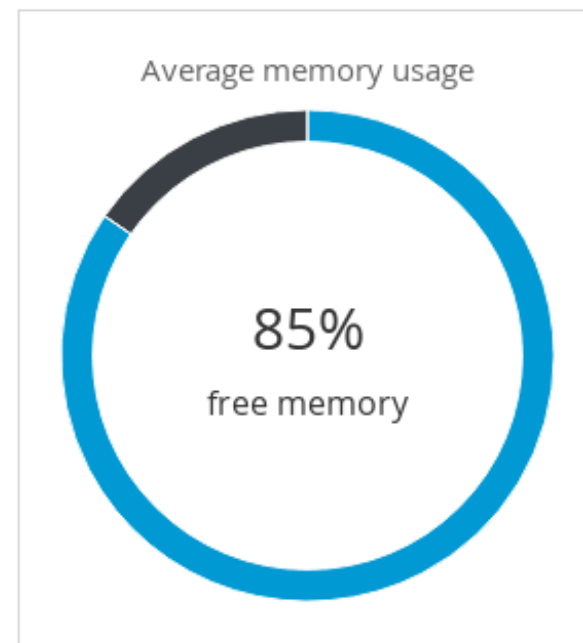
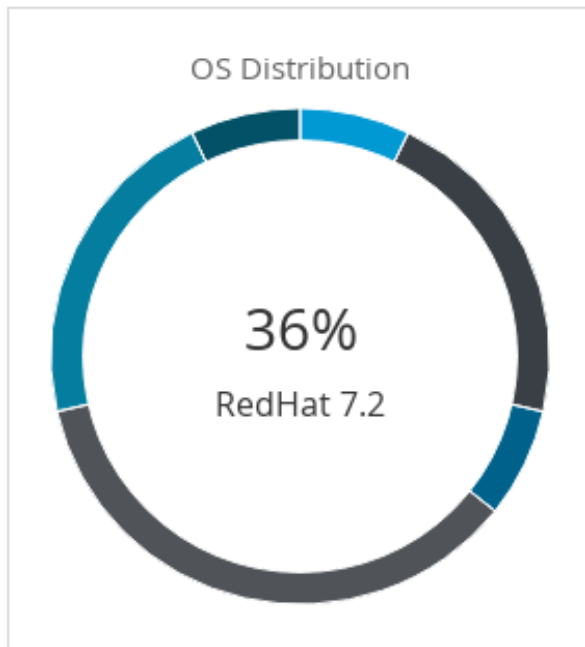
Configuration

- Puppet
- registration of clients, signing certs
- Ansible, Chef, Salt via plugins



Monitoring

- reports, graphs, trends





FOREMAN

Foreman OpenSCAP





Future features

- ~~Tailoring files~~
- run remediation via Rex
- suggestions?



Questions, Credits, Links

- Shlomi Zadok – original author of this talk
- Greg Sutcliffe – awesome template for slides
- open-scap.org
- theforeman.org
- projects.theforeman.org
- IRC: #foreman, #foreman-dev
- Google groups: foreman users, foreman-dev