

More hands-on Exercises

Still have time to play around?

Server SSH Key

- Write a control that:
 - Tests for the existence of `/etc/ssh/ssh_host_rsa_key`
 - Tests that `/etc/ssh/ssh_host_rsa_key` contains **“BEGIN RSA PRIVATE KEY”**
- Check out the docs on <http://inspec.io> for what InSpec resource you can use

Ensure SSH root login is disabled

- The PermitRootLogin parameter specifies if the root user can log in using ssh(1).The default is no.
- Disallowing root logins over SSH requires system admins to authenticate using their own individual account, then escalating to root via sudo or su.This in turn limits opportunity for non-repudiation and provides a clear audit trail in the event of a security incident
- Add a control to `~/profiles/ssh/controls/ssh.rb`

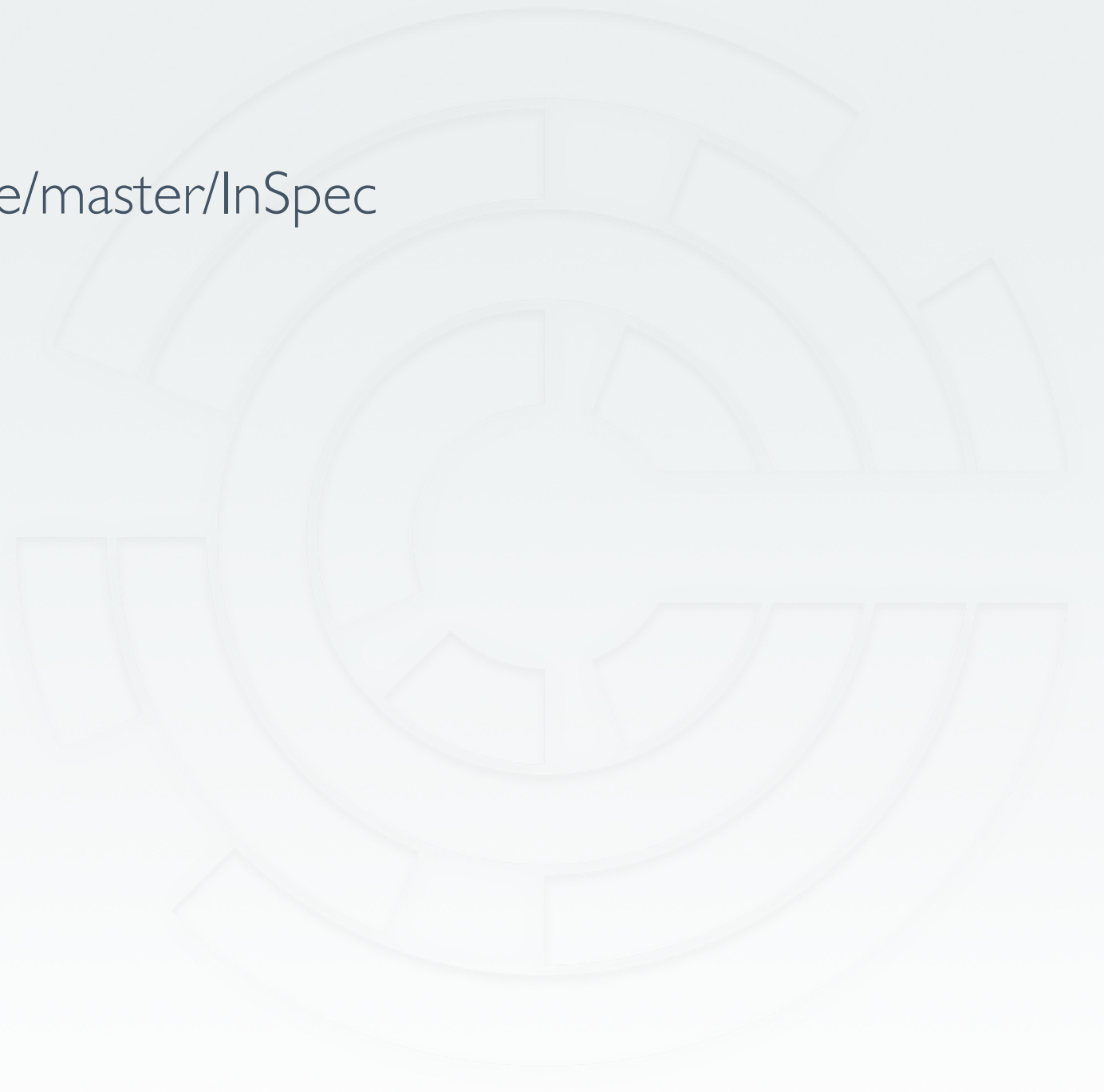
Supermarket Profiles

- List profiles available on the Supermarket
- View information about the dev-sec/ssh-baseline profile
- Execute the dev-sec/ssh-baseline profile from the Supermarket
- Write a cookbook to remediate failing controls from dev-sec/ssh-baseline

Or look at the ssh-hardening cookbook

Build additional CIS controls

- <https://github.com/chef-training/workshops/tree/master/InSpec>



Static Analysis

- Ensure cookbooks pass chefstyle
- Ensure cookbooks pass foodcritic



Unit Testing

- Add unit testing to the cookbooks

