

Chef notes

run cookbook locally

chef-client --local-mode recipes/default.rb

generate cookbook

chef generate cookbook cookbooks/apache

add a node in chef

knife bootstrap 192.168.2.153 -N node-chef.myhypervisor.ca --ssh-user root

show node details

knife node show -l node-chef.myhypervisor.ca

find all attribute names

ohai

search all nodes

knife search 'platform:centos' knife search 'platform:centos' -a ipaddress knife search role 'role:apache' -a run_list knife search ":" -a recipes

add recipes to node

knife node run_list add fqdn.server.com 'recipe[test]'

add another recipe from the cookbook

knife node run_list add fqdn.server.com 'recipe[test::test2]'

change recipe order (before)

knife node run_list add fqdn.server.com -b 'recipe[test::test2]'

(after)

knife node run_list add fqdn.server.com -a 'recipe[test::test2]'

remove all

knife node run_list remove fqdn.server.com 'recipe[test],recipe[test::test2]'

add

knife node run_list add fqdn.server.com 'recipe[test],recipe[test::test2]'

upload changes

knife cookbook upload recipe_name

create role

knife role create web

edit role

knife role edit web

add a role to a node

knife node run_list set fqdn.domain.com "role[web]"

execute chef client from workstation

knife ssh "role:web" "chef-client" -x root -P passwd

supermarket

- list: knife cookbook site list
- search: knife cookbook site search mysql
- show: knife cookbook site show mysql
- download: knife cookbook site download mysql
- install: knife cookbook site install mysql

testing

- docker_plugin: chef exec gem install kitchen-docker
- edit yaml: .kitchen.yml
- setup env: kitchen converge
- check test env: kitchen list
- verify: kitchen verify

check syntax

ruby -c default.rb

foodcritic default.rb

Install chef server (after RPM):

chef-server-ctl reconfigure

chef-server-ctl user-create dave dave g livegrenier@gmail.com 'password' --filename daveuser-rsa

chef-server-ctl org-create DaveChef 'Daves Chef Server' --association dave

chef-server-ctl org-create davechef 'Daves Chef Server' --association dave -filename davechef-validator.pem

Install web:

chef-server-ctl chef-manage

chef-server-ctl install chef-manage

chef-server-ctl reconfigure

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